Meridian SL-100 PCL Release Documents (MSL12)

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Part 2 of 2

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Year 2000 READINESS DISCLOSURE

DMS* - FAMILY SOFTWARE

PRODUCT COMPUTING MODULE LOAD RELEASE DOCUMENT

(PCL) Release Document

The MSL-100 Family Software release document is supplied for each Software Stream. This release document provides software feature information pertinent to the new software load.

A status of PRELIMINARY means the final feature content of the software release has not been finalized and features may be added or deleted without notice. A status of STANDARD indicates that the feature content of the software release is firm.

The release document consists of the following sections:

FEATURE CONTENT

This section provides information concerning MSL-100 Family System features associated with software releases. Each office configuration is customized to meet Telco/Carrier requirements. The following subsections include information necessary to determine that system software changes have occurred since the last software release.

Note: only features NEW or CHANGED in the release(s) covered by the document are included

Cross Reference Tables

This section contains many tables to make it more efficient to find information. A description of the tables precedes them.

The following sections provide information necessary to support changes applicable to the new software release.

Functional Descriptions (FN)	-summarizes the functions of the feature
Data Schema (DS)	-indicates major additions/changes to the Data Schema table
Logs (LG)	-indicates major additions/changes to the LOGs
Operational Measurements(OM)	-indicates major additions/changes to the OM groups
Man-Machine interface (MM)	-indicates major additions/changes to the LOGs
Service Orders (SO)	-indicates major additions/changes to the Service Orders
Automatic Message Accounting (AM)	-indicates major additions/changes to the AMA

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How To Use the Feature Content Section

The feature content software section contains the documentation for the features new or changed in the release. There are tables included to help in the reading of the feature content section.

The items in the tables are feature numbers and feature functional groups. Features are designed by Nortel Networks (NT) against a NT feature ID (featid).

A functional group is made up of several features.

Table 1: Functional Group to Feature Cross Reference

This table lists all features new to the release that may be included in the release document. The functional group is indicated along with the Nortel Networks technologies featid against which the documentation has been written.

*** DATA SCHEMA LIST OF FEATURES ***

(Continued from Part 1 of 2)
a59013383_ds.aa11
a59013430_ds.aa23
a59013476_ds.aa04
a59013533_ds.aa04
a59013762_ds.aa12
a59013792_ds.aa03
a59013804_ds.aa13
a59013873_ds.aa09
a59013912_ds.aa13
a59013999_ds.aa12
a59014046_ds.aa07
a59014132_ds.aa15
a59014137_ds.aa11
a59014167_ds.ab01
a59014406_ds.aa10
a59014614_ds.aa05
a59014625_ds.aa05
a59014653_ds.aa05
a59014752_ds.aa08
a59015125_ds.aa10
b59017494_ds.aa05
s10252433_ds.aa03
s10253300_ds.aa01
spmbbfp_ds.aa01

11: Data schema changes (DS)

11.1 Table information

11.1.1 Table name: LCCOPT

Line Class Code Compatible Options

11.1.1.1 Functional description

Table LCCOPT is an existing table. It contains the line options that are compatible with each line class code.

11.1.1.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
LCCOPT	Unchanged	Unchanged	N/A

11.1.1.4 Table fields

The following table lists fields for table LCCOPT:

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
LCC	Unchanged		Alphanumeric	Line class code. This key field contains one LCC for each record.
COMPAT	Changed		Alphanumeric vector of up to 1024 line option compatibles	Compatible line options. This field contains all options that are compatible with the LCC specified in the field LCC.

11.1.1.5 Datafill example

The following example shows sample datafill for table LCCOPT:

```
LCC COMPAT
---------------------------------------------------------------------------------------------
1FR
(AIN) (AINDN) (AMATEST) (AMSG) (AMSGDENY) (ATC) (AUL) (BCLID) (BNN)
(CCW) (CFBL) (CFDA) (CFFPOVR) (CFGDA) (CFW) (CIR) (CLF) (CLI) (COD) (CTD)
(CUSD) (CWT) (DENYSRA) (DENYU3WC) (DGT) (DLH) (DNH) (DOR) (DTM) (ELN)
(ESL) (FANI) (FCTDINT) (FCTDNTER) (FCTDNTRA) (FGA) (FIG) (FNT) (FRO) (FRS)
(FSR) (GLTC) (GND) (HOT) (ILB) (IMB) (INT) (INTPIC) (IRR) (LCDR) (LDSA) (LDSO)
(LDSR) (LDST) (LOD) (LOR) (LPIC) (LSPAO) (LSPSO) (MAN) (MBK) (MLH) (MPB)
(NAME) (NCCW) (NDC) (NHT) (NLT) (NOH) (NPGD) (OFR) (OFS) (1MMS) (ONI)
(PDO) (PIC) (PILOT) (PLP) (PORT) (PRH) (RATEAREA) (RCVD) (RMB) (RMP) (RMR)
(RMS) (RSP) (RSUS) (SCMP) (SC1) (SC2) (SDN) (SDY) (SETMODEL) (SHU) (SLU)
(SPB) (SRA) (STRD) (SUPPRESS) (SUS) (TBO) (TDN) (TERM) (TES) (TFO)
(TRMBOPT) (3WC) (WML) (XLAPLAN) $
```

11.1.1.6 Table release history update

The COMPAT field will be adjusted contain the PDO option as a compatible option for all supported LCC’s.

11.1.1.7 Supplementary information

None.

11.1.1.8 Translation verification tools

Not applicable.

11.1.2 Table name: OPTOPT

Incompatible Options Table

11.1.2.1 Functional description

Table OPTOPT is an existing table.

11.1.2.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.2.3 Table size

Table 3 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
OPTOPT	Unchanged	Unchanged	N/A

11.1.2.4 Table fields

The following table lists fields for table OPTOPT:

Table 4 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
OPTION	Unchanged		Alphanumeric	Line option. This key field contains one line option for each record.
INCOMPAT	Changed		COMPAT_OPTION_LIST	Incompatible options. This field contains all line options that are incompatible with the line option specified in the key field.

11.1.2.5 Datafill example

The following example shows sample datafill for table OPTOPT:

OPTION INCOMPAT

PDO
(DTM) (MDN) (PLP) (RSUS) (SDN) (SUS) $

OPTION INCOMPAT

DTM
(AAK) (ACD) (AEMK) (AVT) (BCLID) (CAG) (CLSUP) (DCND) (DMCT) (LDTPSAP) (LNPTST) (MLAMP) (MPH) (MREL) (**PDO**) (PREMTBL) (SMDI) (TBO) (TRMBOPT) $

OPTION INCOMPAT

MDN
(AAB) (AAK) (ACD) (BNN) (CALLOG) (CMD) (CMG) (DCND) (DLH) (DMCT) (DND) (DNH) (GIC) (INT) (LDTPSAP) (LNPTST) (MLH) (MPH) (**PDO**) (PBL) (PREMTBL) (PRH) (RMB) (SDN) (SHU) (SIMRING) (SLQ) (SLVP) (SMDI) (SOR) (SORC) (UCD) (UCDSD) (WUCR) $

OPTION INCOMPAT

PLP
(BNN) (CFK) (CLF) (CNF) (DENYSRA) (GIC) (LNPTST) (**PDO**) (PRK) (SRA) $
OPTION INCOMPAT

RSUS
(BNN) (DLH) (DNH) (LNPTST) (MLH) (PBL) (**PDO**) $
OPTION INCOMPAT

SDN
(BNN) (CFGD) (CFGDA) (CIR) (DLH) (DNH) (EHLD) (FTS) (LNPTST) (LOD) (LOR) (MDN) (MLAMP) (MLH) (MPB) (MREL) (OFR) (OFS) (**PDO**) (PILOT) (PRH) (RCVD) (RMB) (SHU) (SLQ) (TBO) (TERM) (TFO) (TRMBOPT) (UCD) $
OPTION INCOMPAT

SUS
(LNPTST) (**PDO**) $

11.1.2.6 Table release history update

The INCOMPAT field will be adjusted to contain the PDO option for all incompatible options.

11.1.2.7 Supplementary information

None.

11.1.2.8 Translation verification tools

Not applicable.

11.1.3 Table name: LENLINES

Line Assignment Table

11.1.3.1 Functional description

Table LENLINES contains the following data for each data filled line:

- The site name assigned to the remote location (if the line is remote)
- The line equipment number (LEN)
- The party to which the directory number id assigned (DN)
- The ring code assigned to the directory lines
- The DN
- The signal type
- The index into table LINEATTR (Line Attribute)
- Options assigned to the line
- The Serving Number Plan Area (SNPA) of the DN associated with the line

11.1.3.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.3.3 Table size

Table 5 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
LENLINES	Unchanged	Unchanged	N/A

11.1.3.4 Table fields

The following table lists fields for table LENLINES:

Table 6 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
LEN	Unchanged			Line equipment number
PTY	Unchanged			Party type
RINGCODE	Unchanged			
SNPA	Unchanged			
DN	Unchanged			Directory number
SIGTYPE	Unchanged			
LNATTIDX	Unchanged			Line attribute
XLAPLAN	Unchanged			
RATEAREA	Unchanged			
OPTLIST	Unchanged		Alphanumeric vector of up to 20 line options	List of options assigned to the line. PDO is now supported as an option.

11.1.3.5 Datafill example

The following example shows sample datafill for table LENLINES:

```
LEN PTY RINGCODE SNPA DN SIGTYPE LNATTIDX XLAPLAN RATEAREA OPTLIST
----------------------------------------------------------------------------------
HOST 00 0 01 18 S 0 613 6210180 DT 0 613_P621_0 L613_LATA1_0 $
HOST 00 0 01 19 S 0 613 6214401 DT 0 613_P621_0 L613_LATA1_0 $
HOST 00 0 18 06 S 0 909 5502614 DP 42 909_EAEO_42 L909_LATA1_42 $
HOST 00 0 18 19 S 0 613 6214402 DT 0 613_P621_0 L613_LATA1_42 (CWT) $
HOST 00 0 18 27 S 0 909 5502637 DT 51 909_EAEO_51 L909_LATA1_42 $
HOST 00 0 19 00 S 0 909 9509171 DT 42 909_EAEO_42 L909_LATA1_42 (PDO) $
HOST 00 0 19 19 S 0 909 5500065 DT 66 909_EAEO_66 NLCA_LATA1_8 $
HOST 00 1 08 04 S 0 909 5500413 DT 42 909_EAEO_42 L909_LATA1_42 $
HOST 00 1 08 05 S 0 613 6210042 DP 0 613_P621_0 L613_LATA1_0 $
HOST 00 1 08 06 S 0 909 5502312 DT 42 909_EAEO_42 L909_LATA1_42 $
```

11.1.3.6 Table release history update

Added the option PDO to the field OPTLIST.

11.1.3.7 Supplementary information

None.

11.1.3.8 Translation verification tools

Not applicable.

11.1.4 Table name: IBNLINES

IBN Line Assignment

11.1.4.1 Functional description

Table IBNLINES contains the line assignments for each 500/2500 set assigned to an Integrated Business Network (IBN), Residential Enhanced Services (RES) and Multiple Appearance Directory Number (MADN) station number.

11.1.4.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.4.3 Table size

Table 7 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
IBNLINES	Unchanged	Unchanged	N/A

11.1.4.4 Table fields

The following table lists fields for table IBNLINES:

Table 8 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
LEN	Unchanged			Line equipment number
DNNO	Unchanged			
RESULT	Unchanged	OPTLIST	Alphanumeric vector of up to 20 line options	List of options assigned to the line. PDO is now supported as an option.

11.1.4.5 Datafill example

The following example shows sample datafill for table IBNLINES:

```
LEN DNNO RESULT
---------------------------------------------------------------------------------------
PSAP 00 0 00 00 0 DT STN IBN 6212115 E911 0 0 613 (ELN) $
PSAP 00 0 00 23 0 DT STN IBN 6212116 E911 0 0 613 (ELN) $
PSAP 19 0 00 01 0 DT STN IBN 6212115 E911 0 0 613 (ELN) $
PSAP 19 0 00 10 0 DT STN IBN 6212117 E911 0 0 613 (ELN) $
RCU0 00 0 07 26 0 DT STN IBN 7502317 CGA 2 0 909 $
RCU0 00 0 07 31 0 DT MDN IBN 9509361 CGA 0 0 909 MCA 0 Y N (3WC) $
RCU0 00 0 15 30 0 DT STN RES 5512511 43 909_EAEO_43 L909_LATA1_42 909 (CWT)
(3WC) (CWI) (SLVP) (CNDB) (COT) (ACB) (AR) (SCWID) (CNAB) $

RCU0 00 0 15 31 0 DT MDN IBN 9519301 CGA 0 0 909 SCA 0 Y Y (3WC) $
HOST 00 0 00 16 0 DT STN RES 6211021 0 613_P621_0 L613_LATA1_0 613 (PDO) $
HOST 00 0 01 00 0 DT STN RES 5502560 59 909_EAEO_59 NLCA_LATA1_8 909 (CNDB)
(COT) (CNAB) $
```

11.1.4.6 Table release history update

Added the option PDO to the subfield OPTLIST.

11.1.4.7 Supplementary information

None.

11.1.4.8 Translation verification tools

Not applicable.

11.1.5 Table name: KSETLINE

Business Set and Data Unit Line Assignment

11.1.5.1 Functional description

This table contains the directory number (DN) appearance for business sets and data units. One entry is required for each DN-related key on a business set and data unit.

11.1.5.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.5.3 Table size

Table 9 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
KSETLINE	Unchanged	Unchanged	N/A

11.1.5.4 Table fields

The following table lists fields for table KSETLINE:

Table 10 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
KSETKEY	Unchanged			
FORMAT	Unchanged			
DNRESULT	Unchanged	OPTLIST	Alphanumeric vector of up to 20 line options	List of options assigned to the line. PDO is now supported as an option.
KSFMTID	Unchanged			
KSFMTARE	Unchanged			

11.1.5.5 Datafill example

The following example shows sample datafill for table KSETLINE:

```
KSETKEY FORMAT DNRESULT KSFMTID KSFMTARE
----------------------------------------
RCU0 00 0 12 22 1 DN Y 6211222 IBNTST 0 0 613 $ MBS
RCU0 00 0 12 30 1 DN Y 6211230 IBNTST 0 0 613 (PDO) $ MBS
RCU0 00 0 13 08 1 DN Y 7502542 CGA 0 0 909 (CWT) (3WC) (MCH) (CWI) (DCPK)
(MSB) (EBO) (CPU) (CFX) $ MBS

RCU0 00 0 13 08 2 MDN MCA 0 N Y 9519362 CGA 0 0 909 (3WC) (MCH) (DCPK) (MSB)
(EBO) (CPU) $ MBS

RCU0 00 0 13 08 3 GIC CGAGIC13 3 N N MBS
RCU0 00 0 13 08 12 DN Y 7502578 CGA 0 0 909 (CWT) (3WC) (MCH) (DCPK) (MSB)
(EBO) (CPU) (CFX) $ MBS

RCU0 00 0 13 08 13 DN Y 7502579 CGA 0 0 909 (CWT) (3WC) (MCH) (DCPK) (MSB)
(EBO) (CPU) (CFX) $ MBS

RCU0 00 0 13 08 14 MDN SCA 0 Y Y 9519334 CGA 0 0 909 (3WC) (MCH) (DCPK)
(MSB) (EBO) (CPU) (CFX) $ MBS

RCU0 00 0 13 08 17 DN Y 7502570 CGA 0 0 909 (PBL) $ MBS
RCU0 00 0 13 12 1 DN Y 7506832 CGA 0 0 909 (3WC) (PRK) (MBSCAMP) (CPU)
(ACBAMA) (AR) $ MBS
```

11.1.5.6 Table release history update

Added the option PDO to the subfield OPTLIST.

11.1.5.7 Supplementary information

None.

11.1.5.8 Translation verification tools

Not applicable.

11: Data schema changes (DS)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section helps Customer Information Development (CID) writers determine the Data Schema impacts that result from this feature. This information is used to update the translations NTP, in the customer documentation. Office parameter sections have been moved out of this section into a separate OP section of the DDOC.

Instructions: Do not include this section in the DDOC if data schema changes are not being made.

It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Refer to PLS FMDOC module TABCTRL, “Guide to Table Control and Reformats”, for a guide to identifying changes requiring reformats and how to write reformats. Refer to the PLS home page (http://47.80.12.39:31462/pls).

For all Data Schema changes made after the software release DC (Design Close) milestone, an email must be sent to DMS DATA and the Customer Documentation prime indicating the tables effected, feature number and nature of the change.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Table information

Duplicate the table information in this section for each new or modified table.

11.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

11.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

This section lists other tables that must be datafilled before or after the table being documented, as well as office parameters that interact with the table.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

11.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

11.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

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This section provides information on deleting datafill in table C7AFTPC.

12.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

11: Data schema changes (DS)

11.1 Table information

11.1.1 Table name: NPDIGMAP

NP-Digit Mapping

11.1.1.1 Functional description

To enhance the interworking between LNP and NPA Splits, this activity introduces two new boolean fields, UPD4GAP and UPD4LRN, in table NPDIGMAP. The boolean fields can either be set to YES or NO depending on the functionality required. However, the boolean fields can only be set to YES if the NPE00005 SOC is active.

If the UPD4GAP boolean field is set to YES, any tuples in tables NPRESERV or LNPCODE that reference the digits corresponding to the NPANXX field of table NPDIGMAP are updated to reflect the digits contained in the AREACODE and OFCCODE fields of table NPDIGMAP.

If the UPD4LRN boolean fields is set to YES, any tuples in table HOMELRN are updated in a similar fashion. In addition to the automatic update of table HOMELRN, an NPDIGMAP tuple which has the UPD4LRN field set to YES can be used to map LRNs that are not Home LRNs of the given switch. During the permissive dialing period of an NPA split, if an incoming LRN is not a Home LRN of the switch and the NPANXX of the LRN match the NPANXX field of a tuple in table NPDIGMAP, the NPDIGMAP tuple is used to map the LRN if the UPD4LRN field is set to YES.

A tuple with both boolean fields set to NO simply maps incoming GAP digits, which was the functionality provided by table NPDIGMAP prior to this activity.

11.1.1.2 Datafill sequence and implications

Table NPDIGMAP should only be datafilled during the permissive dialing period of an NPA split. Provisioning table NPDIGMAP outside the permissive period may result in incorrect call terminations and the corruption of data in tables LNPCODE, NPRESERV, and HOMELRN.

11.1.1.3 Table size

The table size has not changed as a result of this activity. Therefore, the minimum and maximum amout of tuples have not changed.

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
NPDIGMAP	0	32K	

11.1.1.4 Table fields

The following table lists new fields for table NPDIGMAP.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
UPD4GAP	NEW	N/A	Y or N	Setting the field to YES triggers the automatic update of tables NPRESERV and LNPCODE to reflect the digits in the AREACODE and OFCCODE fields.
UPD4LRN	NEW	N/A	Y or N	Setting the field to YES will trigger the automatic update of table HOMELRN to reflect the digits in the AREACODE and OFCCODE fields. The tuple can be used to map LRN digits during the permissive dialing period of an NPA split.

11.1.1.5 Datafill example

The following examples shows sample datafill for table NPDIGMAP:

The first tuple would be provisioned prior to ANI conversion where GAP digits contain the new NPANXX, 847525, and need to be mapped to the old NPANXX.

```
NPANXX   AREACODE   OFCCODE      UPD4GAP         UPD4LRN
-------------------------------------------------------
847525        416       525           Y               N
```

The next two tuples would be provisioned at the time of ANI conversion to automatically update tables NPRESERV, LNPCODE, and HOMELRN and map incoming GAP and LRN digits, respectively, to the new NPANXX.

```
NPANXX   AREACODE   OFCCODE      UPD4GAP         UPD4LRN
-------------------------------------------------------
416525        847       525           Y               N
```

```
NPANXX   AREACODE   OFCCODE      UPD4GAP         UPD4LRN
-------------------------------------------------------
416463        847       463           N               Y
```

11.1.1.6 Table release history update

The following information was added:

- creation of the UPD4GAP field
- creation of the UPD4LRN field

11.1.1.7 Supplementary information

11.1.1.7.1 Examples of the Automatic Update Process for the LNP Tables at ANI Conversion

The following section illustrates specifically how the LNP tables would be updated at the time of ANI conversion in two different situations. For all the examples in this section, the NPANXX 416525 is adopting the NPA 847.

Automatic Update of Tables NPRESERV and LNPCODE

For the examples illustrating the automatic update of tables NPRESERV and LNPCODE, the NPDIGMAP tuple shown below is provisioned at ANI conversion to trigger the automatic update.

```
NPANXX  AREACODE  OFCCODE     UPD4GAP        UPD4LRN
------------------------------------------------------
416525       847      525           Y              N
```

Example 1

In this example, all the data in the tables referencing the old NPANXX, 416525, is updated to reflect the new NPANXX, 847525.

Pre-ANI Conversion

Table LNPCODE

```
STS           FROMDIGS             TODIGS                       RTE
-------------------------------------------------------------------
416                416                 416          T   IBNRTE  730
```

Table NPRESERV

```
          FROMDIGS             TODIGS
-------------------------------------
           4165255            4165255
           4165257            4165258
```

Post-ANI Conversion

Table LNPCODE

```
STS           FROMDIGS             TODIGS                       RTE
-------------------------------------------------------------------
416              4160             416524          T   IBNRTE  730
416            416526               4169          T   IBNRTE  730
416            847525             847525          T   IBNRTE  730
```

For table LNPCODE, the STS field is not updated since it is not an NPA field.

Table NPRESERV

```
          FROMDIGS             TODIGS
-------------------------------------
           8475255            8475255
           8475257            8475258
```

Example 2

In this example, data already exists at the new NPANXX at the time of ANI conversion in both tables. During the automatic update process, existing data at the new NPANXX is left untouched and the corresponding data at the old NPANXX remains in the table and is not transferred to the new NPANXX.

Pre-ANI Conversion

Table LNPCODE

```
STS           FROMDIGS             TODIGS                       RTE
-------------------------------------------------------------------
416                416                416          T   IBNRTE  730
416            8475256            8475257                TRMT LNPM
```

Table NPRESERV

```
          FROMDIGS             TODIGS
-------------------------------------
           4165251            4165258
           8475254            8475255
```

Post-ANI Conversion

Table LNPCODE

```
STS           FROMDIGS             TODIGS                       RTE
-------------------------------------------------------------------
416               4160             416524          T   IBNRTE  730
416            4165256            4165257          T   IBNRTE  730
416             416526               4169          T   IBNRTE  730
416            8475250            8475255          T   IBNRTE  730
416            8475256            8475257               TRMT  LNPM
416            8475258            8475259          T   IBNRTE  730
```

For table LNPCODE, the existing data at the new NPANXX prior to the automatic update, `416 8475256 8475257 TRMT LNPM`, remains in the table as does the corresponding digit range at the old NPANXX, `416 4165256 4165257 T IBNRTE 730`. The range `4165256` to `4165257` could not be updated to reflect the new NPANXX because of the conflicting data at the new NPANXX. This conflicting data causes what normally would be one tuple at the new NPANXX, to separate into two different tuples, `416 8475250 8475255 T IBNRTE 730`, and `416 8475258 8475259 T IBNRTE 730`.

Table NPRESERV

```
          FROMDIGS             TODIGS
-------------------------------------
           4165254            4165255
           8475251            8475258
```

For table NPRESERV, the data that is transferred from the old NPANXX to the new NPANXX merges with the existing data at the new NPANXX to form one tuple. The digit range at the old NPANXX, which corresponds to the conflicting digit range at the new NPANXX, remains in the table.

Automatic Update of Table HOMELRN

For the examples illustrating the automatic update of table HOMELRN, the NPDIGMAP tuple shown below is provisioned at ANI conversion to trigger the automatic update. In this case, the NPANXX, 416463, is adopting 847 as it's new NPA.

```
NPANXX  AREACODE  OFCCODE     UPD4GAP        UPD4LRN
-------------------------------------------------
416463       847      463          N              Y
```

Example 3

In this example, two tuples containing the SITE option are updated to reflect the new NPANXX, 847463.

Pre-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                              OPTIONS
-------------------------------------------------------------------------------
     416     463       1000       (SITE (REM1) $)$
     416     463          $       (SITE (HOST) $)$
```

Post-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                              OPTIONS
-------------------------------------------------------------------------------
     847     463       1000       (SITE (REM1) $)$
     847     463          $       (SITE (HOST) $)$
```

Example 4

In this example, a tuple already exists at the new NPANXX with the same STNCODE as the tuple desired to be updated at the old NPANXX. Since the existing tuple at the new NPANXX does not have an option, the tuple is not overwritten and remains in the table along with the tuple at the old NPANXX. As a result, the table remains the same as it would pre-ANI conversion.

Pre-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                                OPTIONS
-------------------------------------------------------------------------------
     416     463          $       (SITE (HOST) $)$
     847     463          $                                                    $
```

Post-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                                OPTIONS
-------------------------------------------------------------------------------
     416     463          $       (SITE (HOST) $)$
     847     463          $                                                    $
```

Example 5

This example is similar to previous example except the tuple already existing at the new NPANXX has the MAINT_LRN option. Maintenance LRNs are allowed to be overwritten by the automatic update process and, therefore, the HOST LRN is updated appropriately to reflect the new NPANXX.

NOTE: Only tuples that have the MAINT_LRN option can be overwritten by the automatic update process. Tuples that have no option or the SITE option are not overwritten.

Pre-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                                OPTIONS
-------------------------------------------------------------------------------
     416     463          $       (SITE (HOST) $)$
     847     463          $                                    (MAINT_LRN )$
```

Post-ANI Conversion

```
AREACODE OFCCODE    STNCODE                                                OPTIONS
-------------------------------------------------------------------------------
     847     463          $       (SITE (HOST) $)$
```

11.1.1.7.2 New WARNING and ERROR Messages

The following section describes new WARNING and ERROR messages that have been introduced by this activity related to the new boolean fields, UPD4GAP and UPD4LRN, and the automatic update process.

Message:

```
The NPDIGMAP boolean fields, UPD4GAP and UPD4LRN
cannot be set to YES while Software Optionality
Control option NPE00005 is IDLE.  Please contact
your next level of support.
```

Explanation/Cause:

A tuple is being added or changed in table NPDIGMAP which has either the UPD4GAP boolean field or the UPD4LRN boolean field set to YES. The boolean fields can only be set to YES if the NPE00005 SOC is ON.

Corrective Action:

The next level of support should be contacted in order for the SOC to be turned on to enable the setting of the UPD4GAP and UPD4LRN fields to YES. Otherwise, the value of the fields should be changed to NO.

Message:

```
WARNING: Setting the UPD4GAP field to YES will update
         the entries in Tables NPRESERV and LNPCODE that
         reference the old NPANXX to reflect the new NPANXX
```

Explanation/Cause:

The UPD4GAP field has been set to YES of a tuple being added or changed in table NPDIGMAP.

Corrective Action:

The command should be aborted or the boolean field should be changed to NO if it is not desired to automatically update tables LNPCODE and NPRESERV to reflect the digits in the AREACODE and OFCCODE fields of the tuple.

Message:

```
WARNING: Setting the UPD4LRN field to YES will update
         the entries in Table HOMELRN that reference the
         old NPANXX to reflect the new NPANXX
```

Explanation/Cause:

The UPD4LRN field has been set to YES of a tuple being added or changed in table NPDIGMAP.

Corrective Action:

The command should be aborted or the boolean field should be changed to NO if it is not desired to automatically update table HOMELRN to reflect the digits in the AREACODE and OFCCODE fields of the tuple.

Message:

```
All the affected tables have been successfully updated as necessary
IMPORTANT NOTE: Any previous ERROR or WARNING messages with regards to
==============  automatically updating the tables still apply
```

Explanation/Cause:

The automatic update process has completed for all three tables.

Corrective Action:

This message marks the completion of the automatic update process. The automatic update process is only complete after this message is generated. If no previous ERROR or WARNING messages have been generated, no action needs to be taken. All the affected tables have been successfully updated as necessary. However, if any ERROR or WARNING messages are generated, additional action needs to be taken depending on the type of the generated message(s). The possible messages that can be generated and their required actions are documented below.

Message:

```
WARNING: Data exists at the new NPANXX that could not be overwritten
WARNING: Table NPRESERV could not be fully updated
=======  Please examine Table NPRESERV to ensure datafill is correct
```

Explanation/Cause:

During the automatic update process for table NPRESERV, data at the old NPANXX could not be transferred to the new NPANXX due to conflicting data already existing at the new NPANXX.

Corrective Action:

The table must be examined to ensure the datafill is correct. The table must be manually updated by deleting the data at the old NPANXX that could not be transferred to the new NPANXX, and changing the conflicting data at the new NPANXX to reflect the data previously at the old NPANXX.

Message:

```
WARNING: Data exists at the new NPANXX that could not be overwritten
WARNING: Table LNPCODE could not be fully updated
=======  Please examine Table LNPCODE to ensure datafill is correct
```

Explanation/Cause:

During the automatic update process for table LNPCODE, data at the old NPANXX could not be transferred to the new NPANXX due to conflicting data already existing at the new NPANXX.

Corrective Action:

The table must be examined to ensure the datafill is correct. The table must be manually updated by deleting the data at the old NPANXX that could not be transferred to the new NPANXX, and changing the conflicting data at the new NPANXX to reflect the data previously at the old NPANXX.

Message:

```
WARNING: Existing HOMELRN tuple(s) at new NPANXX containing SITE option
=======  could not be overwritten
WARNING: Table HOMELRN could not be fully updated
=======  Please examine Table HOMELRN to ensure datafill is correct
```

Explanation/Cause:

During the automatic update process for table HOMELRN, tuple(s) at the old NPANXX could not be transferred to the new NPANXX due to conflicting tuple(s) containing the SITE option already existing at the new NPANXX.

Corrective Action:

The table must be examined to ensure the datafill is correct. The table must be manually updated by deleting the data at the old NPANXX that could not be transferred to the new NPANXX, and changing the conflicting data at the new NPANXX to reflect the data previously at the old NPANXX.

Message:

```
WARNING: Existing HOMELRN tuple(s) at new NPANXX containing no options
=======  could not be overwritten
WARNING: Table HOMELRN could not be fully updated
=======  Please examine Table HOMELRN to ensure datafill is correct
```

Explanation/Cause:

During the automatic update process for table HOMELRN, tuple(s) at the old NPANXX could not be transferred to the new NPANXX due to conflicting tuple(s) already existing at the new NPANXX. The conflicting tuple(s) at the new NPANXX do not have an option.

Corrective Action:

The table must be examined to ensure the datafill is correct. The table must be manually updated by deleting the data at the old NPANXX that could not be transferred to the new NPANXX, and changing the conflicting data at the new NPANXX to reflect the data previously at the old NPANXX.

Message:

```
WARNING: HOMELRN tuple(s) containing MAINT_LRN option at new NPANXX
=======  have been overwritten
```

Explanation/Cause:

During the automatic update process for table HOMELRN, tuple(s) already existing at the new NPANXX with the MAINT_LRN option have been overwritten.

Corrective Action:

If no other WARNING messages have been generated with regards to the automatic update process, the table has been properly updated and all the data previously at the old NPANXX has been transferred to the new NPANXX. No additional action is required.

Message(s):

```
ERROR: NPRESERV tuple verification for an addition failed
       Table NPRESERV could not be updated
```

OR

```
ERROR: LNPCODE tuple verification for an addition failed
       Table LNPCODE could not be updated.
```

Explanation/Cause:

During the automatic update process, a tuple desired to be added to the table specified in the ERROR message did not pass verification. As a result, the automatic update process aborts.

Corrective Action:

If any of the above two ERROR messages is generated, ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: NPRESERV tuple verification for a deletion failed
       Table NPRESERV could not be updated
```

OR

```
ERROR: LNPCODE tuple verification for a deletion failed
       Table LNPCODE could not be updated.
```

Explanation/Cause:

During the automatic update process, a tuple desired to be deleted from the table specified in the ERROR message did not pass verification. As a result, the automatic update process aborts.

Corrective Action:

If any of the above two ERROR messages is generated, ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: HOMELRN tuple verification failed
       Table NPRESERV could not be fully updated
```

Explanation/Cause:

During the automatic update process, a tuple desired to be either added to table HOMELRN, deleted from table HOMELRN, or updated in table HOMELRN did not pass verification. As a result, the automatic update process aborts.

Corrective Action:

ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: NPRESERV tuple deletion failed
       Table NPRESERV could not be updated
```

OR

```
ERROR: LNPCODE tuple deletion failed
       Table LNPCODE could not be updated
```

OR

```
ERROR: HOMELRN tuple deletion failed
       Table HOMELRN could not be fully updated
```

Explanation/Cause:

During the automatic update process, the deletion of a tuple failed in the table specified in the ERROR message. As a result, the automatic update process aborts.

Corrective Action:

If any of the above three ERROR messages is generated, ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: NPRESERV tuple addition failed
       Table NPRESERV could not be updated
```

OR

```
ERROR: LNPCODE tuple addition failed
       Table LNPCODE could not be updated
```

OR

```
ERROR: HOMELRN tuple addition failed
       Table HOMELRN could not be fully updated
```

Explanation/Cause:

During the automatic update process, the addition of a tuple failed in the table specified in the ERROR message. As a result, the automatic update process aborts.

Corrective Action:

If any of the above three ERROR messages is generated, ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: HOMELRN tuple updated failed
       Table HOMELRN could not be fully updated
```

Explanation/Cause:

During the automatic update process, the update of a tuple failed in table HOMELRN. As a result, the automatic update process aborts.

Corrective Action:

ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: Table NPRESERV could not be updated.
```

OR

```
ERROR: Table LNPCODE could not be updated.
```

OR

```
ERROR: Table HOMELRN could not be updated.
```

Explanation/Cause:

The automatic update process has aborted unexpectedly for the table specified in the ERROR message.

Corrective Action:

If any of the above three ERROR messages is generated, ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

Message(s):

```
ERROR: A table could not be automatically updated
       Please examine the tables to ensure datafill is correct
```

Explanation/Cause:

The automatic update process has aborts unexpectedly while updating a specific table. An additional ERROR message will be diplayed prior to this message specifying the exact table which causes the error.

Corrective Action:

ALL three tables must be examined to ensure datafill is correct. Upon examination, if a table is not completely updated (or not updated at all), the table must be manually updated by deleting the data at the old NPANXX and re-adding the data at the new NPANXX.

11.1.1.8 Translation verification tools

The first example shows the output from TRAVER when it is used to verify table NPDIGMAP if an LRN has been mapped post-ANI conversion. In this particular case, the NPANXX, 416626, has adopted 791 as it's new NPA and the incoming LRN contains the old NPA.

```
>traver tr s1c0_isupitic  4166261088 tcni 7914639555 b
TABLE TRKGRP
C0S1_ISUPITIC IT 63 ITTD NCRT IC NIL MIDL 613 PUB NSCR 613 000 N Y $
TABLE OFCVAR
AIN_OFFICE_TRIGGRP TIID
LNP Info: Home LRN received.
LNP Info: Bypassing STDPRTCT and HNPACONT translations.
LNP Info: Orig Called DN is resident.
TABLE LNPCODE
TUPLE NOT FOUND
LNP Info: Ported DN Termination in effect.
LNP Info: Original LRN not a Home LRN
LNP Info: Changing LRN digits based on NPDIGMAP results
TABLE NPDIGMAP
416626 791 626 N Y
TABLE HOMELRN
791 626 $
    (SITE (HOST) $)$
TABLE TOFCNAME
791 463 (NONNATIVE ) $
TABLE DNINV
791 463 9555 L HOST 05 0 13 06
TABLE DNFEAT
TUPLE NOT FOUND
TABLE DNATTRS
TUPLE NOT FOUND
TABLE DNGRPS
TUPLE NOT FOUND
AIN Info Collected TDP: no subscribed trigger.
Checking AIN SDS Trigger Items as SDS is compatible with current call
Checking AIN N11 Trigger Items as N11 is compatible with current call
Skipping AIN LNP Trigger Items as LNP is NOT compatible with current call
AIN Info Analyzed TDP: trigger criteria not met.
AIN Term Attempt TDP: no subscribed trigger.

+++ TRAVER: SUCCESSFUL CALL TRACE +++


DIGIT TRANSLATION ROUTES

1 LINE                  7914639555         ST

TREATMENT ROUTES.  TREATMENT IS: GNCT
1 *OFLO

+++ TRAVER: SUCCESSFUL CALL TRACE +++
```

The next example shows the output from TRAVER when it is used to verify NPDIGMAP if the incoming GAP and LRN digits contain the old NPA, 416, post-ANI conversion. Both the GAP and LRN have been mapped to the new NPA via the appropriate mapping tuples.

```
>traver tr s1c1_isupitic 4166261099 tcni 4164639555 b
TABLE TRKGRP
S1C1_ISUPITIC IT 63 ITTD NCRT IC NIL MIDL 613 PUB NSCR 613 000 N Y $
TABLE OFCVAR
AIN_OFFICE_TRIGGRP TIID
LNP Info: Home LRN received.
LNP Info: Bypassing STDPRTCT and HNPACONT translations.
LNP Info: Original GAP non-resident
LNP Info: Changing GAP digits based on NPDIGMAP results
TABLE NPDIGMAP
416463 791 463 Y N
LNP Info: Orig Called DN is resident.
TABLE LNPCODE
TUPLE NOT FOUND
LNP Info: Ported DN Termination in effect.
LNP Info: Original LRN not a Home LRN
LNP Info: Changing LRN digits based on NPDIGMAP results
TABLE NPDIGMAP
416626 791 626 N Y
TABLE HOMELRN
791 626 $ $
    (SITE (HOST) $)$
TABLE TOFCNAME
791 463 (NONNATIVE ) $
TABLE DNINV
791 463 9555 L HOST 01 1 05 13
TABLE DNFEAT
TUPLE NOT FOUND
TABLE DNATTRS
TUPLE NOT FOUND
TABLE DNGRPS
TUPLE NOT FOUND
AIN Info Collected TDP: no subscribed trigger.
Checking AIN SDS Trigger Items as SDS is compatible with current call
Checking AIN N11 Trigger Items as N11 is compatible with current call
Skipping AIN LNP Trigger Items as LNP is NOT compatible with current call
AIN Info Analyzed TDP: trigger criteria not met.
AIN Term Attempt TDP: no subscribed trigger.

+++ TRAVER: SUCCESSFUL CALL TRACE +++


DIGIT TRANSLATION ROUTES

1 LINE                  7914639555         ST

TREATMENT ROUTES.  TREATMENT IS: GNCT
1 T120

+++ TRAVER: SUCCESSFUL CALL TRACE +++
```

11.1.2 Table name: HOMELRN

11.1.2.1 Functional description

This activity introduces the MAINT_LRN option for table HOMELRN. This option signifies that the NPA of the LRN does not need to exist in table SNPANAME and the NPANXX of the LRN in table HOMELRN does not need to exist in table TOFCNAME. This option is used for provisioning maintenance LRNs with the new NPA prior to ANI conversion to guard against the possibility of incoming LRNs containing the new NPA.

11.1.2.2 Datafill sequence and implications

Maintenance LRNs should only be present in table HOMELRN during the permissive period of an NPA split. If this tuple is present outside the permissive period, it may result in incorrect call terminations when the referenced NPANXX is assigned to another switch.

11.1.2.3 Table size

The table size has not changed as a result of this activity. To determine the amount of storage used by table HOMELRN, the tool DMSMON can be used. The sub-command DBLOCKS within DMSMON lists the amount of store used by digilator-based tables, including table HOMELRN.

11.1.2.4 Table fields

The following table lists fields for table HOMELRN.

Table 3 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
OPTION	Changed	N/A	MAINT_LRN	This option indicates that it is not necessary for the tuple to have a valid NPA or NPANXX. In other words, the NPA in the AREACODE field does not need to exist in table SNPANAME and the AREACODE-OFCCODE combination does not need to exist in table TOFCNAME.

11.1.2.5 Datafill example

The following shows a sample HOMELRN tuple with the MAINT_LRN option.

```
AREACODE OFCCODE    STNCODE                                          OPTIONS
-------------------------------------------------------------------------------
     847     463          $                                  (MAINT_LRN )$
```

11.1.2.6 Table release history update

The following information was introduced to the table:

- creation of the MAINT_LRN option

11.1.2.7 Supplementary information

11.1.2.7.1 New WARNING Messages

The following section describes new WARNING messages that have been introduced by this activity related to the MAINT_LRN option.

Message:

```
WARNING: HOMELRN tuple contains an NPA which
======== is not present in table SNPANAME. This LRN
         should only be present during the permissive
         period of an NPA Split. If this tuple is not
         removed, it may result in incorrect call
         terminations when the referenced NPANXX is
         assigned to another switch.
```

Explanation/Cause:

A tuple with the MAINT_LRN option is being added or changed in table HOMELRN which does not have a valid NPA.

Corrective Action:

If this tuple is being added or changed during the permissive period of an NPA split, no additional action needs to be performed. However, this tuple must be removed at the end of the permissive period to prevent improper call terminations. A maintenance LRN must not be provisioned outside the permissive period.

Message:

```
WARNING: HOMELRN tuple contains an NPANXX which
======== is not present in table TOFCNAME. This LRN
         should only be present during the permissive
         period of an NPA Split. If this tuple is not
         removed, it may result in incorrect call
         terminations when the referenced NPANXX is
         assigned to another switch.
```

Explanation/Cause:

A tuple with the MAINT_LRN option is being added or changed in table HOMELRN which does not have a valid NPANXX.

Corrective Action:

If this tuple is being added or changed during the permissive period of an NPA split, no additional action needs to be performed. However, this tuple must be removed at the end of the permissive period to prevent improper call terminations. A maintenance LRN must not be provisioned outside the permissive period.

Message:

```
WARNING: The TOFCNO being deleted is referenced in
======== Table HOMELRN. The referencing LRN should
         only be present during the permissive period
         of an NPA Split. If this tuple is not removed,
         it may result in incorrect call terminations
         when the referenced NPANXX is assigned to
         another switch. This warning will be repeated
         on all TABAUDITS until the data is corrected.
         To correct the data in Table HOMELRN during an
         NPA Split, provision an NPDIGMAP tuple which
         which maps the old NPANXX to the new NPANXX.
         This tuple must have the UPD4LRN boolean set
         to YES.  Provisioning this tuple will
         automatically update Table HOMELRN to reflect
         the new NPANXX and will map the old LRN to the
         new LRN during call processing
```

Explanation/Cause:

The deleted tuple in table TOFCNAME is still referenced in table HOMELRN.

Corrective Action:

As documented in the WARNING message, the tuple in table HOMELRN which references the deleted TOFCNO must only be present during the permissive period. To correct table HOMELRN during an NPA split, a mapping tuple can be provisioned in NPDIGMAP to map the old NPANXX to the new NPANXX with the UPD4LRN field set to YES. This tuple will automatically update table HOMELRN and map the old LRN to the new LRN during call processing.

11.1.2.8 Translation verification tools

This example shows the output from TRAVER when it is used to verify HOMELRN when a maintenance LRN is used to guard against incoming LRNs with the old NPANXX pre-ANI conversion.

```
>traver tr s1c0_isupitic 7916261088 tcni 4164639555 b
TABLE TRKGRP
S1C0_ISUPITIC IT 63 ITTD NCRT IC NIL MIDL 613 PUB NSCR 613 000 N Y $
TABLE OFCVAR
AIN_OFFICE_TRIGGRP OFCTRIG
LNP Info: Home LRN received.
LNP Info: Bypassing STDPRTCT and HNPACONT translations.
LNP Info: Orig Called DN is resident.
TABLE LNPCODE
TUPLE NOT FOUND
LNP Info: Ported DN Termination in effect.
TABLE HOMELRN
791 626 $ (MAINT_LRN ) $
TABLE TOFCNAME
416 463 (NONNATIVE ) $
TABLE DNINV
416 463 9555 L HOST 01 0 00 00
TABLE DNFEAT
TUPLE NOT FOUND
TABLE DNATTRS
TUPLE NOT FOUND
TABLE DNGRPS
TUPLE NOT FOUND
AIN Info Collected TDP: no subscribed trigger.
TABLE TRIGGRP
OFCTRIG INFOANAL
 . N11 ( DG N11DIG)$ NIL
Trigger AIN N11 is applicable to office.
 . PODP ( DG PODPDIG)$ NIL
Trigger AIN PODP is applicable to office.
 . LNP ( DG LNPDIG) ( ESCEA ) ( ESCOP ) ( ESCDN )$ NIL
Trigger AIN LNP is applicable to office.
AIN Info Analyzed TDP: trigger criteria not met.
AIN Term Attempt TDP: no subscribed trigger.

+++ TRAVER: SUCCESSFUL CALL TRACE +++


DIGIT TRANSLATION ROUTES

1 LINE                  4164639555         ST

TREATMENT ROUTES.  TREATMENT IS: GNCT
1 T120

+++ TRAVER: SUCCESSFUL CALL TRACE +++
```

11: Data schema changes (DS)

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Purpose: This section helps Customer Information Development (CID) writers determine the Data Schema impacts that result from this feature. This information is used to update the translations NTP, in the customer documentation. Office parameter sections have been moved out of this section into a separate OP section of the DDOC.

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For all Data Schema changes made after the software release DC (Design Close) milestone, an email must be sent to DMS DATA and the Customer Documentation prime indicating the tables effected, feature number and nature of the change.

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11.1 Table information

Duplicate the table information in this section for each new or modified table.

11.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

11.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

This section lists other tables that must be datafilled before or after the table being documented, as well as office parameters that interact with the table.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

11.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

11.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

12: Data schema changes (DS)

12.1 Table information

12.1.1 Table name: MNCKTPAK

12.1.1.1 Functional description

As of SP12 release, the CPKTYPE field has ‘STM’ as an option. Under this activity, it is renamed to ‘STM1’.

12.1.1.2 Datafill sequence and implications

Current datafill order unchanged.

12.1.1.3 Table size

Unchanged.

12.1.1.4 Table fields

No new field is introduced or deleted. It does not change structure of fields in table MNCKTPAK.

12.1.1.5 Datafill example

The following example shows sample datafill for table MNCKTPAK:

```
SPM  8 0  9 STM1 0 1 WORKING (SYSB CR RPT) (MANB MJ RPT)
             (ISTB MN RPT) (PROTFAIL CR RPT) $
             NTLX99AA      12    SPMLOAD
```

12.1.1.6 Table release history update

In field CPKTYPE, ‘STM’ option is renamed to ‘STM1’.

12.1.1.7 Supplementary information

None.

12.1.1.8 Translation verification tools

MNCKTPAK does not use translation verification tools.

11: Data schema changes (DS)

11.1 Table information

11.1.1 Table name: SVRCKT

Service Circuit.

11.1.1.1 Functional description

The 3X68 outpulsing provides the DTMF delete sequence to erase the stub voice mail.

11.1.1.2 Datafill sequence and implications

The 3X68 provides the DTMF outpulsing to delete the stub voice mail.

11.1.1.3 Table size

N/A.

11.1.1.4 Table fields

N/A.

11.1.1.5 Datafill example

The following example shows sample datafill for table SVRCKT:

```
SVCTKEY        TMTYPE     TMNO    TMCKTNO        CARDCODE

-------------------------------------------------------------------------------------

SVDTMF   0     MTM          4          21             3X68AC
```

11.1.1.6 Table release history update

N/A.

11.1.1.7 Supplementary information

N/A.

11.1.1.8 Translation verification tools

N/A.

13: Data schema changes (DS)

13.1 Table information

13.1.1 Table name: SYNCLK

Clock Synchronization Table

13.1.2 Datafill sequence and implications

Current datafill order unchanged.

13.1.3 Table size

The size of table SYNCLK is not affected by this feature.

There can be a minimum and maximum of only one tuple in table SYNCLK.

13.1.4 Table fields

13.1.4.1 Datafill Condition

The table SYNCLK provides a means of selecting clock-type and office configuration. The modifications to this table as part of this feature, enable the provisioning of SPM OC-3 as a timing link when the office is configured in SLAVE mode.

The field “OFFCONF” must be datafilled as “SLAVE” to enable the selection of SPM as a timing link in field LK0_PTYP or LK1_PTYP.

The field “LK0_PNUM” or “LK1_PNUM” can be only datafilled with existing SPMs defined in table MNNODE, failing which, the datafill is not accepted and the message “SPM XX is undefined” is displayed.

Also the SPMs to be datafilled must be configured in internal timing mode in table MNNODE. Otherwise this datafill is blocked with the message “SPM XX is not in INTERNAL mode”.

The field “LK0_PNUM” and “LK0_RMTYP” or “LK1_PNUM” and “LK1_RMTYP” combine to form the timing link identifier in case of an SPM. This translates to a circuit pack on the SPM which must be defined in table MNCKTPAK prior to the datafill in table SYNCLK. If the circuit pack is not defined thus, the datafill is rejected with the message “No OC3 RMs found on SPM XX”. Additionally if the state of the SPM is found to be not INSV the following message is displayed as a warning “SPM XX is NOT INSV”.

The following are additional restrictions imposed in table SYNCLK for OC3 Line Timing :

1. Stratum 2 and Stratum 2.5 configurations are not supported.

The message displayed is “SLAVE office with SPM as sync source. Office should be datafilled with STRAT3 clock.”

2. A combination of SPM and other PMs as LINK0 and LINK1 is not allowed with the message “SPM timing links cannot be provisioned with other PTYP.”

SPMs currently datafilled in table SYNCLK can not be deleted from table MNNODE without first being removed from SYNCLK table. This is achieved by blocking any such deletions from table MNNODE with the message “SPM XX is provisioned as Link X in table SYNCLK”.

Note 1: Link X represents LK0 when X=0 and LK1 when X=1.

Note 2: SPM XX corresponds to the SPM number being datafilled. XX can have integer values from 0 to 63

13.1.5 Field Descriptions

Table 1 Field descriptions of table SYNCLK

Field	New or Changed	Entry	Subfield or refinement	Explanation and action
OFFCDATA	Changed	OFFCONF = SLAVE		
			LK0_PTYP	The range of LK0_PTYP has been extended. Select SPM.

Field	New or Changed	Entry	Subfield or refinement	Explanation and action
			LK0_PNUM	The range is restricted for SPMs from 0 to 63. Select an SPM which is datafilled as internal in table MNNODE.
			LK0_RMTYP	Refinement over circuit number, introduced for SPM. Defines the Carrier Type of the timing link. Enter OC3.
			LK1_PTYP	see LK0_PTYP
			LK1_PNUM	see LK0_PNUM
			LK1_RMTYP	see LK0_RMTYP

13.1.6 Datafill example

The following example shows sample datafill for table SYNCLK:

```
CLKKEY CLKDATA        OFFCDATA
-------------------------------------------------------------------------------------
0          STRAT3          SLAVE  SPM 31 OC3 SPM 33 OC3
```

13.1.6.1 Supplementary information

None

13.1.6.2 Translation verification tools

Table SYNCLK does not use translation verification tools.

13.2 Table information

13.2.1 Table name: MNNODE

13.2.2 Datafill sequence and implications

Current datafill order unchanged.

13.2.3 Table size

The size of table MNNODE is not affected by this feature.

13.2.4 Table fields

13.2.4.1 Datafill Condition

Table control in table MNNODE is modified to disallow change in “CLKREF” mode field from INTERNAL to LOOP if the particular SPM is datafilled in table SYNCLK as a sync source. Upon such an attempt the following message is displayed “SPM is datafilled in table SYNCLK as a SYNC SOURCE” and the change is not allowed.

13.2.5 Field Descriptions

The Fields in table MNNODE are not changed by this feature.

13.2.6 Datafill example

13.2.6.1 Supplementary information

None

13.2.6.2 Translation verification tools

Table does not use translation verification tools.

13.3 Table information

13.3.1 Table name: MNCKTPAK

13.3.2 Datafill sequence and implications

Current datafill order unchanged.

13.3.3 Table size

The size of table MNCKTPAK is not affected by this feature.

13.3.4 Table fields

13.3.4.1 Datafill Condition

The physical entity datafilled as a sync source in table SYNCLK, in case of an SPM, is a Circuit Pack. This entity is datafilled through table MNCKTPAK. This creates a dependency between table SYNCLK and table MNCKTPAK, which must ensure that a Circuit Pack cannot be deleted as long as it is in use by table SYNCLK.

If such an attempt to delete a tuple is made, the following message is displayed “This circuit pack is specified as clock sync source in SYNCLK” and the deletion is blocked.

13.3.5 Field Descriptions

The Fields in table MNCKTPAK are not changed by this feature.

13.3.6 Datafill example

13.3.6.1 Supplementary information

None

13.3.6.2 Translation verification tools

Table does not use translation verification tools.

11: Data schema changes (DS)

11.1 Table information

No data schema changes associated with this feature.

11.1.1 Table name: <abbreviated name of table>

<long name of table>

11.1.1.1 Functional description

11.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory

11.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

<conditional information>

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action

11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

11.1.1.6 Table release history update

11.1.1.7 Supplementary information

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

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Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

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Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

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11.1.1.3 Table size

Table 1 Table size

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DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

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If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

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Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

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The following information was added:

- entry TOPSDB added to field ATTROPTS
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5: Data schema changes (DS)

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Purpose: This section helps Customer Information Development (CID) writers determine the Data Schema impacts that result from this feature. This information is used to update the translations NTP, in the customer documentation. Office parameter sections have been moved out of this section into a separate OP section of the DDOC.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

5.1 Table information

Duplicate the table information in this section for each new or modified table.

5.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

5.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

5.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

This section lists other tables that must be datafilled before or after the table being documented, as well as office parameters that interact with the table.

5.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

5.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

5.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

5.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

5.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

5.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

5: Data schema changes (DS)

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5.1 Table information

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<long name of table>

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Example:
Table name:DDPACDEV
Datapac Device Table

5.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

5.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

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OR

Current datafill order unchanged.

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5.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

5.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

5.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

5.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

5.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

5.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

5: Data schema changes (DS)

5.1 Table information

5.1.1 Table name: MNNODE

(node[SPM])

5.1.1.1 Functional description

Table MNNODE lists assignments for each SPM node. Each SPM is regarded as a node. Each tuple in the table identifies a particular SPM within a switch. Typical data maintained includes node ID, node location and **terminal type/ exec lineup pairing**.

5.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- MNNODE

  note: changes by this feature do not impact table MNSHELF.

- MNSHELF

Current datafill order is unchanged.

5.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
MNNODE	0	60	Memory is automatically allocated for each tuple(160 bytes/tuple). This is unchanged by this feature.

5.1.1.4 Table fields

The following table lists the field impacted for table MNNODE.

Field EXECTAB: when datafilling terminal type with ABSPX, only exec lineup PXSPMX is allowed as a terminal type/exec lineup pair.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
EXECTAB	Changed in terms of allowing 1 additional terminal type/ exec lineup pairing to the existing SPM terminal type/ exec lineup combinations.	n/a	(ABSPX PXSPMX)	This feature introduces a new field value for this field. The field consists of a pair of values (a valid terminal type paired with a valid exec lineup). For this field two values are necessary (terminal type and exec lineup).

5.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

```
TABLE MNNODE

(TUPLE EXAMPLE)

SPM 0 0D_SPM0 DMSCP 0 SYNC INTERNAL 15 (COT 60) (DTMF 60)
(ECAN 60) (TONESYN 60) (MF 60) $ (SYSB CR RPT) (MANB MJ
RPT) (ISTB MN RPT) (SYSBNA CR RPT) (MANBNA MJ RPT) (COTLOW
MN RPT) (DTMFLOW MN RPT) (ECANLOW MN RPT) (TONESLOW MN
RPT) (MFLOW MN RPT) (CMRLOW MN RPT) $ (AB250 SPM250)
(ABSPX PXSPMX) $
```

5.1.1.6 Table release history update

- The following entry was added as a valid value for the field EXECTAB of table MNNODE: ABSPX PXSPMX.
- Only one instance of terminal type ABSPX may exist at a time.

5.1.1.7 Supplementary information

MNNODE table commands such as deleting, changing, adding, verifying, etc. are not changed by this feature.

5.1.1.8 Translation verification tools

The following entry shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

11: Data schema changes (DS)

11.1 Table information

11.1.1 Table name: C7LINK

CCS7 Link Table

11.1.1.1 Datafill sequence and implications

Current datafill order unchanged.

11.1.1.2 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
C7LINK	0	255	Memory is allocated for 255 links

11.1.1.3 Table fields

The following table lists modified fields for table C7LINK.

LINKCLAS = SAAL

Only High Speed Links datafill LINKCLAS as SAAL. When LINKCLAS = SAAL the following two modified fields are required by that tuple. The modification is that the range for VCI is 0-65535 and for VPI is 0-255.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
VCI	Changed	NO	0-65535	This field specifies the Virtual Channel Identifier for the High Speed Link.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
VPI	Changed	NO	0-255	This field specifies the Virtual Path Identifier for the High Speed Link.

11.1.1.4 Datafill example

The following example shows sample datafill for table C7LINK:

The first is a low speed link and the second is the HSL.

LINKNAME LINKDATA CLASDATA Q707 LINKOPT

LN201002000 0 LIUBASIC LIU7 22 MTP2 0 0 $

HSLNEW 0 LIUBASIC HSLR 1 SAAL 0 0 DEFAULT **0 5** 0 $

11.1.1.5 Table release history update

In CSP11 and older : the VCI and VPI fields are not present.

In CSP12: the VCI and VPI fields are present but have only possible values of 5 and 0 respectfully.

In CSP13: the VCI and VPI fields have ranges of 0-65535 and 0-255 respectfully.

11.1.1.6 Supplementary information

None.

11.1.1.7 Translation verification tools

C7LINK does not use translation verification tools.

10: Data schema changes (DS)

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10.1 Table information

Duplicate the table information in this section for each new or modified table.

10.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

10.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

10.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

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OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

This section lists other tables that must be datafilled before or after the table being documented, as well as office parameters that interact with the table.

10.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

10.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

10.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

10.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

10.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

10.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

11: Data schema changes (DS)

11.1 Table information

11.1.1 Table name: MTD

Magnetic Tape Drive

11.1.1.1 Functional description

MTD is an existing table. It is being modified.

11.1.1.2 Datafill sequence and implications

Current datafill order unchanged.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
MTD	0	16	Memory is allocated on IPL for all 16 tuples. Each tuple takes about 10 bytes of memory.

11.1.1.4 Table fields

The following table lists fields for table MTD.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
MTDNO	UNCHANGED	NONE	0 to 15	The mag tape drive number.
IOCNO	UNCHANGED	NONE	0 to 19	The IOC number the MTD is on.
IOCCKTNO	UNCHANGED	NONE	0 to 35	The IOC circuit number or the IOM port number that the MTD or DAT is on.
EQPEC	UNCHANGED	NONE	Any DMS PEC	The PEC code of the IOC MTD controller card or the PEC code of the IOM that the MTD resides on.
IOENDIAN	NEW	NONE	BIG, LITTLE	Used to set the ENDIAN for the IOM DAT. If this tape drive is an IOM DAT, then the value can be BIG or LITTLE. Otherwise the type of tape drive would be nine track tape drive and the only value for nine track tape drive is BIG. The table editor is smart enough to allow only valid entries.

11.1.1.5 Datafill example

The following example shows sample datafill for table MTD:

```
MTDNO IOCNO IOCCKTNO EQPEC IOENDIAN
0 0 0 1X68AA BIG
1 3 17 FX30AA LITTLE
2 1 16 FX30AA BIG
```

11.1.1.6 Table release history update

A new field of type IOENDIAN was added to table MTD. This allows the user to select either BIG or LITTLE (ENDIAN) for the IOM DAT.

11.1.1.7 Supplementary information

There will be a new type reformat procedure. It will set the ENDIAN to BIG for OLD loads that are PRE-CSP14. All other fields will be transferred over, as before.

11.1.1.8 Translation verification tools

MTD does not use translation verification tools.

11: Data schema changes (DS)

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11.1 Table information

Duplicate the table information in this section for each new or modified table.

11.1.1 Table name: <abbreviated name of table>

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<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

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11.1.1.3 Table size

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Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
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The following table lists fields for table <abbreviated name of table>.

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11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

11.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

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Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

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Refer to PLS FMDOC module TABCTRL, “Guide to Table Control and Reformats”, for a guide to identifying changes requiring reformats and how to write reformats. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Table information

Duplicate the table information in this section for each new or modified table.

11.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

<long name of table>

Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

11.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

This section lists other tables that must be datafilled before or after the table being documented, as well as office parameters that interact with the table.

11.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
DDPACDEV	0	8 000 000	Memory is automatically allocated for 16 DPC devices.

This section gives the minimum and maximum number of tuples allowed in the table. If appropriate, information on memory allocation is included. For more complicated tables, include a formula for calculating the table size. If memory requirements are not fixed, explain in complete sentences.

11.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

The table describes each field to be datafilled.

If datafill is conditional upon specific values for certain fields, then provide additional tables for each value of the field. Specify the condition in a paragraph before the table.

<conditional information>

Example:
MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action
Must be 8 characters or less and include no special characters		Indicate whether this field has any subfields, refinement, and selectors	Specify the range of values for the field, subfield, refinement or selector	Give the long name of the field. Provide instructions for datafilling the field, subfield, refinement, or selector. Provide default values, if applicable.

11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

11.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
- blocked calls routed to treatment CNAD

11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

10: Data schema changes (DS)

10.1 Table information

Are new tables added by this feature (Y/N)? : N

Are existing tables modified by this feature(Y/N)?: N

10.1.1 Table name: <abbreviated name of table> - N/A

<long name of table>

10.1.1.1 Functional description

10.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

- <abbreviated names of tables before the current table if applicable>
- <abbreviated name of the current table>
- <abbreviated names of tables after the current table if applicable>

OR

There is no requirement to datafill tables in a specific order.

OR

Current datafill order unchanged.

10.1.1.3 Table size

Table 1 Table size

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory

Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory

10.1.1.4 Table fields

The following table lists fields for table <abbreviated name of table>.

<conditional information>

Table 2 Table field descriptions

Field	New or Changed	Subfield or refinement	Entry	Explanation and action

10.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

10.1.1.6 Table release history update

10.1.1.7 Supplementary information

10.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

11: Data schema changes (DS)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section helps Customer Information Development (CID) writers determine the Data Schema impacts that result from this feature. This information is used to update the translations NTP, in the customer documentation. Office parameter sections have been moved out of this section into a separate OP section of the DDOC.

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11.1 Table information

Duplicate the table information in this section for each new or modified table.

11.1.1 Table name: <abbreviated name of table>

Type the abbreviated name of the table in the heading.

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Give the full table name from which the abbreviated table name is derived. The long table name is written with initial capital letters for each word except for prepositions, articles, and coordinate conjunctions (and, or, for, nor).

Example:
Table name:DDPACDEV
Datapac Device Table

11.1.1.1 Functional description

For new tables only, state the purpose of the table and describe how the table is accessed and used by the system. If applicable, mention relationships with other tables, functional groups, or functionalities. If appropriate, include a description of how to add, delete, or change tuples in the table. Flow charts and block diagrams may be useful to help illustrate the functional description.

Example:
Table DPACDEV lists assignments for each data packet controller (DPC) circuit card configured in the input/output controller (IOC). For related information refer to table MTD. For adequate diagnostics, the minimum number of logical channels must be three.

11.1.1.2 Datafill sequence and implications

Tables must be datafilled in the following sequence:

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11.1.1.3 Table size

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Abbreviated table name	Minimum tuples	Maximum tuples	Information on memory
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MSGFROM = ATUP
If the entry in subfield MSGFROM is ATUP, datafill field ATUPMSG as shown in the field description table.

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11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

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Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
- maximum table size of 500 000 tuples for ISN
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11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

11: Data schema changes (DS)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section helps Customer Information Development (CID) writers determine the Data Schema impacts that result from this feature. This information is used to update the translations NTP, in the customer documentation. Office parameter sections have been moved out of this section into a separate OP section of the DDOC.

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OR

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The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

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Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

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The following information was added:

- entry TOPSDB added to field ATTROPTS
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11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

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Example:

This section provides information on deleting datafill in table C7AFTPC.

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11.1 Table information

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11.1.1 Table name: <abbreviated name of table>

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Datapac Device Table

11.1.1.1 Functional description

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OR

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OR

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11.1.1.3 Table size

Table 1 Table size

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11.1.1.4 Table fields

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Example:
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11.1.1.5 Datafill example

The following example shows sample datafill for table <abbreviated name of table>:

Provide at least one example of a MAP display of the datafilled table, preferably from a captive office or a VSOS session that uses a captive office image.

11.1.1.6 Table release history update

Identify the technical changes to the table in this release, with a short description of the change. This information will be added to the release history in the Data Schema section of the translations NTP.

Example:

The following information was added:

- entry TOPSDB added to field ATTROPTS
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11.1.1.7 Supplementary information

This optional section contains information that doesn't fit in any other section such as datafilling the table for specific applications, product descriptive information, description of feature interactions, and network configuration information.

If there is no content for this section, put NONE.

Example:

This section provides information on deleting datafill in table C7AFTPC.

11.1.1.8 Translation verification tools

The following example shows the output from <ToolName> when it is used to verify <abbreviated name of table>.

<abbreviated name of table> does not use translation verification tools.

List the tools that can be used to verify that the tables have been datafilled correctly.

Give an output example showing the call progression of the functionality through all necessary tables using these tools.

*** OPERATIONAL MEASUREMENTS LIST OF FEATURES ***

a59006371_om.aa08
a59006586_om.ab44
a59010572_om.aa12
a59010576_om.aa12
a59011294_om.aa28
a59011676_om.aa12
a59011902_om.aa05
a59011907_om.aa82
a59011948_om.aa14
a59011953_om.aa09
a59012000_om.aa07
a59012144_om.aa11
a59012182_om.aa20
a59012192_om.aa12
a59012232_om.aa09
a59012291_om.aa03
a59012446_om.aa10
a59012468_om.aa08
a59012488_om.aa14
a59012574_om.aa14
a59012624_om.aa08
a59012642_om.aa06
a59012655_om.aa07
a59012846_om.aa08
a59012880_om.aa07
a59013009_om.aa11
a59013034_om.aa11
a59013044_om.aa21
a59013088_om.aa10
a59013169_om.aa14
a59013226_om.aa49
a59013251_om.aa08
a59013383_om.aa11
a59013430_om.aa23
a59013476_om.aa04
a59013533_om.aa04
a59013762_om.aa12
a59013792_om.aa03
a59013804_om.aa13
a59013873_om.aa09
a59013912_om.aa13
a59013999_om.aa12
a59014046_om.aa07
a59014132_om.aa15
a59014137_om.aa11
a59014167_om.ab01
a59014406_om.aa10
a59014614_om.aa05
a59014625_om.aa05
a59014752_om.aa08
a59015125_om.aa10

b59017494_om.aa05
s10252433_om.aa03
s10253300_om.aa01
spmbbfp_om.aa01

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

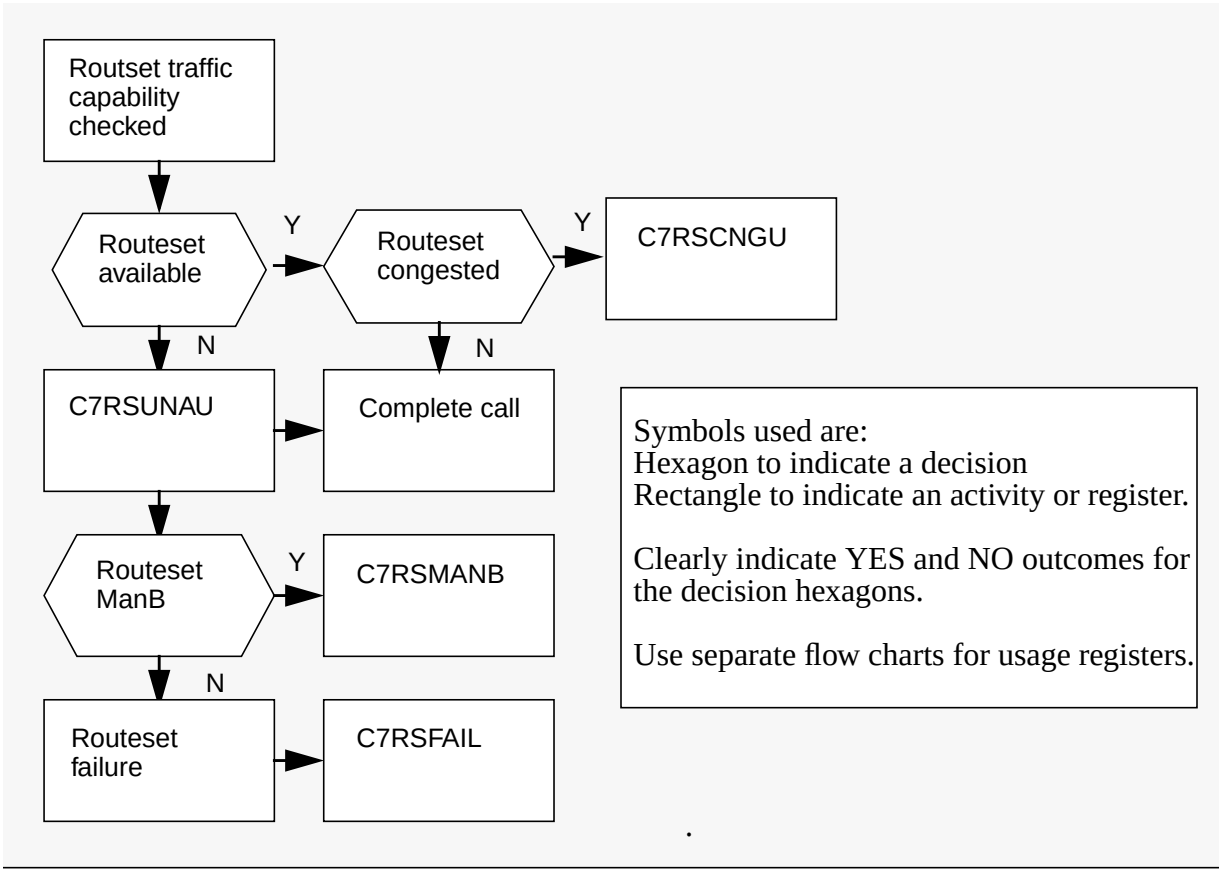
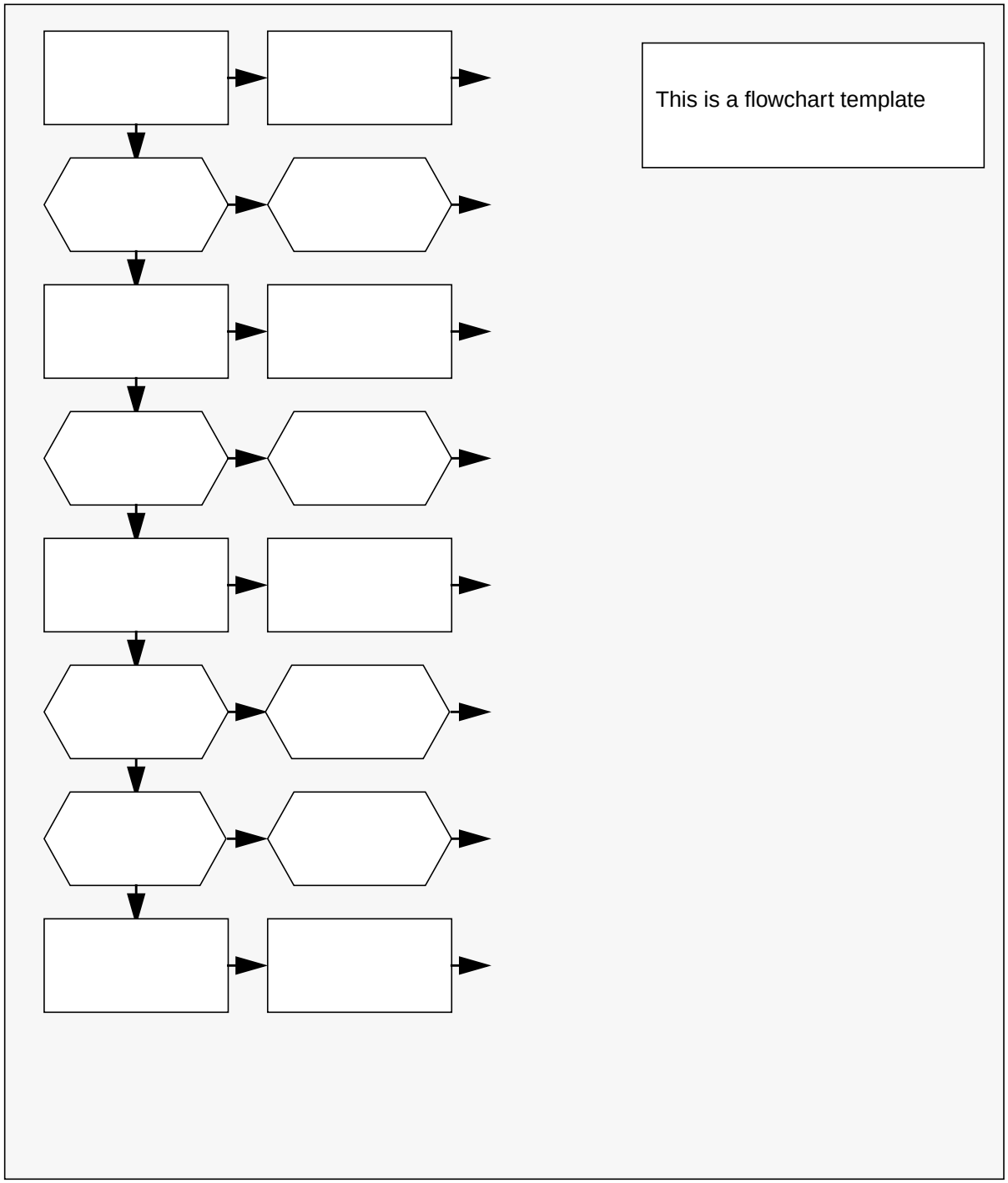


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

16.1 Group - RTESVCS

16.1.1 OM description

OM group: RTESVCS

RouTElist SerViCeS

16.1.2 Release history update

A new OM group, RTESVCS, is added to collect the number of CFIB attempts, CFIB success and CFIB failures.

16.1.3 Registers

The registers in the RTESVCS OM group which are added for CFIB are defined as follows:

CFIB Attempts:

CFIBATT: This OM register is pegged when the routelist to the base DN is call processing busy, out-of-service or unavailable and an attempt is made to forward the call to the remote DN.

Because this register is pegged each time a CFIB attempt is made, the count should be equal to the total number of successes and failures combined.

CFIB Success:

The CFIB success OMs are pegged in four registers as described below:

- **CFIBRDNA**: Remote DN answered
- **CFIBRDNN**: Remote DN alerted but did not answer

- **CFIBRDNB**: Remote DN busy
- **CFIBRNAR**: Remote switch does not have available resources

CFIB Failures:

The CFIB failure OMs are pegged in eight registers as described below:

- **CFIBOGTB**: CCS7 Trunk Busy
- **CFIBRUAV**: Software Resource Unavailable
- **CFIBRCR**: Redirection Count Reached
- **CFIBBNM**: Bearer capability Not Match
- **CFIBXLAF**: Translation failure for base DN to remote DN portion of call
- **CFIBAMAF**: Billing failure
- **CFIBRTEF**: Routing failure for base DN to remote DN portion of call
- **CFIBTRMF**: Termination failure for base DN to remote DN portion of call

The OM registers are defined such that the number of CFIB attempts should be equal to the total of CFIB successes and failures. i.e CFIBATT = CFIBRDNA + CFIBRDNN + CFIBRDNB + CFIBRNAR + CFIBOGTB + CFIBRUAV + CFIBRCR + CFIBBNM + CFIBXLAF + CFIBAMAF + CFIBRTEF + CFIBTRMF.

Figure 1 OM Group RTESVCS registers Display

```
>omshow rtesvcs active
CLASS:   ACTIVE
START:1999/07/24 10:00:00 FRI; STOP: 1999/07/24 10:06:14 SAT;
SLOWSAMPLES:        4 ; FASTSAMPLES:        37 ;

     INFO (ROUTEINFO)
        CFIBATT      CFIBRDNA    CFIBRDNN    CFIBRDNB
        CFIBRNAR     CFIBOGTB    CFIBRUAV    CFIBRCR
        CFIBBNM      CFIBXLAF    CFIBAMAF    CFIBRTEF
        CFIBTRMF

20  IBNRTE 20
             7            5           1           1
             0            0           0           0
             0            0           0           0
             0            0
65   IBNRTE 65
             8            2           2           4
             0            0           0           0
             0            0           0           0
             0            0
```

16.1.4 Group structure

OM group RTESVCS provides one tuple for each route to a base DN which has subscribed to CFIB.

Info field: Route to CFIB

16.1.5 Associated OM groups

None

16.1.6 Associated functional groups

None

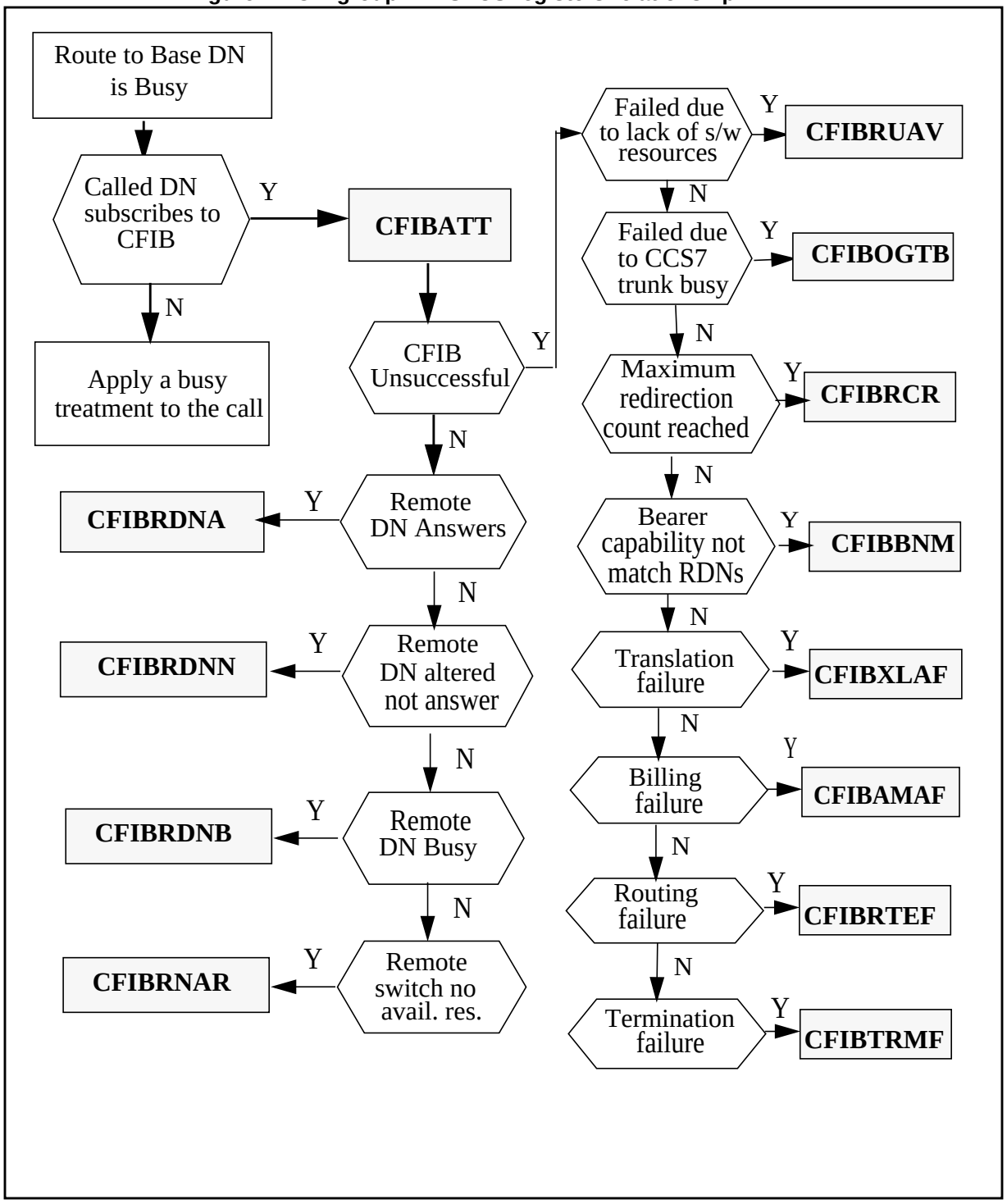
16.1.7 Associated functionality codes

Not Applicable

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group RTESVCS registers

Figure 2 OM group RTESVCS registers relationship



16.1.9 Register CFIBATT

16.1.9.1 Register description

Register - CFIBATT

Call Forward Interface Busy ATTempts

CFIBATT is a peg register. This register counts the number of CFIB attempts. It is pegged whenever a call is offered for CFIB. The register is of an integer type.

16.1.9.2 Register CFIBATT release history update

Register CFIBATT is added.

16.1.9.3 Associated registers

CFIBATT is the sum of CFIB success and failures.

16.1.9.4 Associated logs

None

16.1.10 Register CFIBRDNA

16.1.10.1 Register description

Register - CFIBRDNA

CFIBRDNA is a peg register. This register counts the number of successful CFIBs when the forwarded call is answered by the remote DN. The register is of an integer type.

16.1.10.2 Register CFIBRDNA release history update

Register CFIBRDNA is being added.

16.1.10.3 Associated registers

CFIBATT register is related to CFIBRDNA since it includes all CFIB attempts.

16.1.10.4 Associated logs

None

16.1.11 Register CFIBRDNN

16.1.11.1 Register description

Register - CFIBRDNN

CFIBRDNN is a peg register. This register counts the number of successful CFIBs when the forwarded call is alerted but not answered by the remote DN. The register is of an integer type.

16.1.11.2 Register CFIBRDNN release history update

Register CFIBRDNN is being added.

16.1.11.3 Associated registers

CFIBATT register is related to CFIBRDNN since it includes all CFIB attempts.

16.1.11.4 Associated logs

None

16.1.12 Register CFIBRDNB

16.1.12.1 Register description

Register - CFIBRDNB

CFIBRDNB is a peg register. This register counts the number of successful CFIBs when the remote DN is Busy. The register is of an integer type.

16.1.12.2 Register CFIBRDNB release history update

Register CFIBRDNB is being added.

16.1.12.3 Associated registers

CFIBATT register is related to CFIBRDNB since it includes all CFIB attempts.

16.1.12.4 Associated logs

None

16.1.13 Register CFIBRNAR

16.1.13.1 Register description

Register - CFIBRNAR

CFIBRNAR is a peg register. This register counts the number of successful CFIBs when the remote switch does not have resources to terminate the forwarded call. The register is of an integer type.

16.1.13.2 Register CFIBRNAR release history update

Register CFIBRNAR is being added.

16.1.13.3 Associated registers

CFIBATT register is related to CFIBRNAR since it includes all CFIB attempts.

16.1.13.4 Associated logs

None

16.1.14 Register CFIBOGTB

16.1.14.1 Register description

Register - CFIBOGTB

CFIBOGTB is a peg register. This register counts the number of CFIB failures due to the outgoing CCS7 trunk being busy. The register is of an integer type.

16.1.14.2 Register CFIBOGTB release history update

Register CFIBOGTB is being added.

16.1.14.3 Associated registers

CFIBATT register is related to CFIBOGTB since it includes all CFIB attempts.

16.1.14.4 Associated logs

None

16.1.15 Register CFIBRUAV

16.1.15.1 Register description

Register - CFIBRUAV

CFIBRUAV is a peg register. This register counts the number of CFIB failures due to unavailability of software resources to perform CFIB. The register is of an integer type.

16.1.15.2 Register CFIBRUAV release history update

Register CFIBRUAV is being added.

16.1.15.3 Associated registers

CFIBATT register is related to CFIBRUAV since it includes all CFIB attempts.

16.1.15.4 Associated logs

None

16.1.16 Register CFIBRCR

16.1.16.1 Register description

Register - CFIBRCR

CFIBRCR is a peg register. This register counts the number of CFIB failures due to the maximum number of redirection count allowed in a switch is reached. The register is of an integer type.

16.1.16.2 Register CFIBRCR release history update

Register CFIBRCR is being added.

16.1.16.3 Associated registers

CFIBATT register is related to CFIBRCR since it includes all CFIB attempts.

16.1.16.4 Associated logs

None

16.1.17 Register CFIBBNM

16.1.17.1 Register description

Register - CFIBBNM

CFIBBNM is a peg register. This register counts the number of CFIB failures due to the bearer capability of the incoming calls does not match the bearer capability of all the provisioned remote DNs. The register is of an integer type.

16.1.17.2 Register CFIBBNM release history update

Register CFIBBNM is being added.

16.1.17.3 Associated registers

CFIBATT register is related to CFIBBNM since it includes all CFIB attempts.

16.1.17.4 Associated logs

None

16.1.18 Register CFIBXLAF

16.1.18.1 Register description

Register - CFIBXLAF

CFIBXLAF is a peg register. This register counts the number of CFIB failures due to the inability to translate a remote DN. The register is of an integer type.

16.1.18.2 Register CFIBXLAF release history update

Register CFIBXLAF is being added.

16.1.18.3 Associated registers

CFIBATT register is related to CFIBXLAF since it includes all CFIB attempts.

16.1.18.4 Associated logs

None

16.1.19 Register CFIBAMAF

16.1.19.1 Register description

Register - CFIBAMAF

CFIBAMAF is a peg register. This register counts the number of CFIB failures due to the inability to setup billing. The register is of an integer type.

16.1.19.2 Register CFIBAMAF release history update

Register CFIBAMAF is being added.

16.1.19.3 Associated registers

CFIBATT register is related to CFIBAMAF since it includes all CFIB attempts.

16.1.19.4 Associated logs

None

16.1.20 Register CFIBRTEF

16.1.20.1 Register description

Register - CFIBRTEF

CFIBRTEF is a peg register. This register counts the number of CFIB failures due to the inability to route the base DN to remote DN portion of calls. The register is of an integer type.

16.1.20.2 Register CFIBRTEF release history update

Register CFIBRTEF is being added.

16.1.20.3 Associated registers

CFIBATT register is related to CFIBRTEF since it includes all CFIB attempts.

16.1.20.4 Associated logs

None

16.1.21 Register CFIBTRMF

16.1.21.1 Register description

Register - CFIBTRMF

CFIBTRMF is a peg register. This register counts the number of CFIB failures due to the inability to terminate the base DN to remote DN portion of calls. The register is of an integer type.

16.1.21.2 Register CFIBTRMF release history update

Register CFIBTRMF is being added.

16.1.21.3 Associated registers

CFIBATT register is related to CFIBTRMF since it includes all CFIB attempts.

16.1.21.4 Associated logs

None

16.1.22 Sample output

Figure 3 OMSHOW output for RTESVCS OM group

```
>omshow rtesvcs active
CLASS:   ACTIVE
START:1999/07/23 10:00:00 FRI; STOP: 1999/07/23 10:06:14 FRI;
SLOWSAMPLES:        4 ; FASTSAMPLES:        37 ;

     INFO (ROUTE_OM_INFO_TYPE)
        CFIBATT      CFIBRDNA    CFIBRDNN    CFIBRDNB
        CFIBRNAR    CFIBOGTB    CFIBRUAV    CFIBRCR
        CFIBBNM     CFIBXLAF     CFIBAMAF    CFIBRTEF
       CFIBTRMF

1   IBNRTE 20
            3            1            1            1
            0            0            0            0
            0            0            0            0
            0            0
2   IBNRTE 65
            5            2            2            1
            0            0            0            0
            0            0            0            0
            0            0
```

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

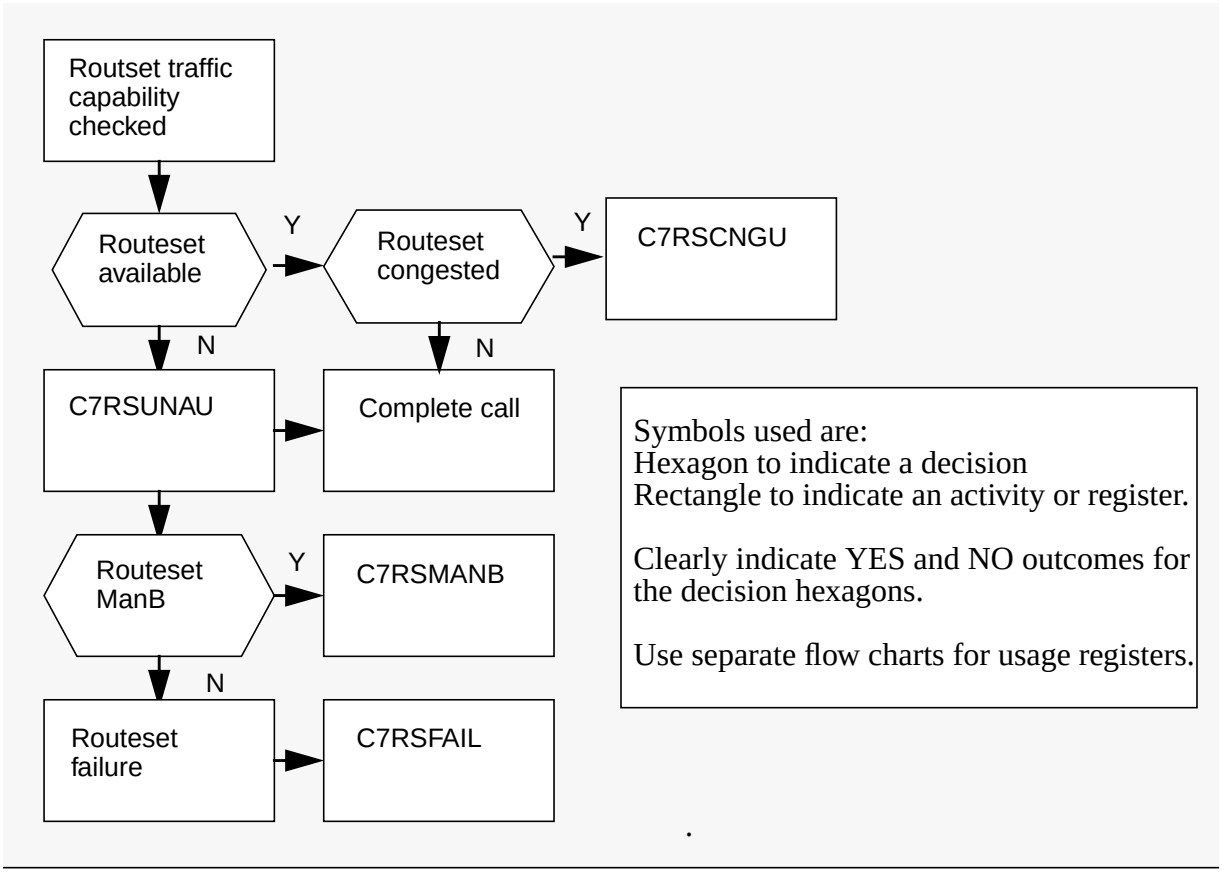
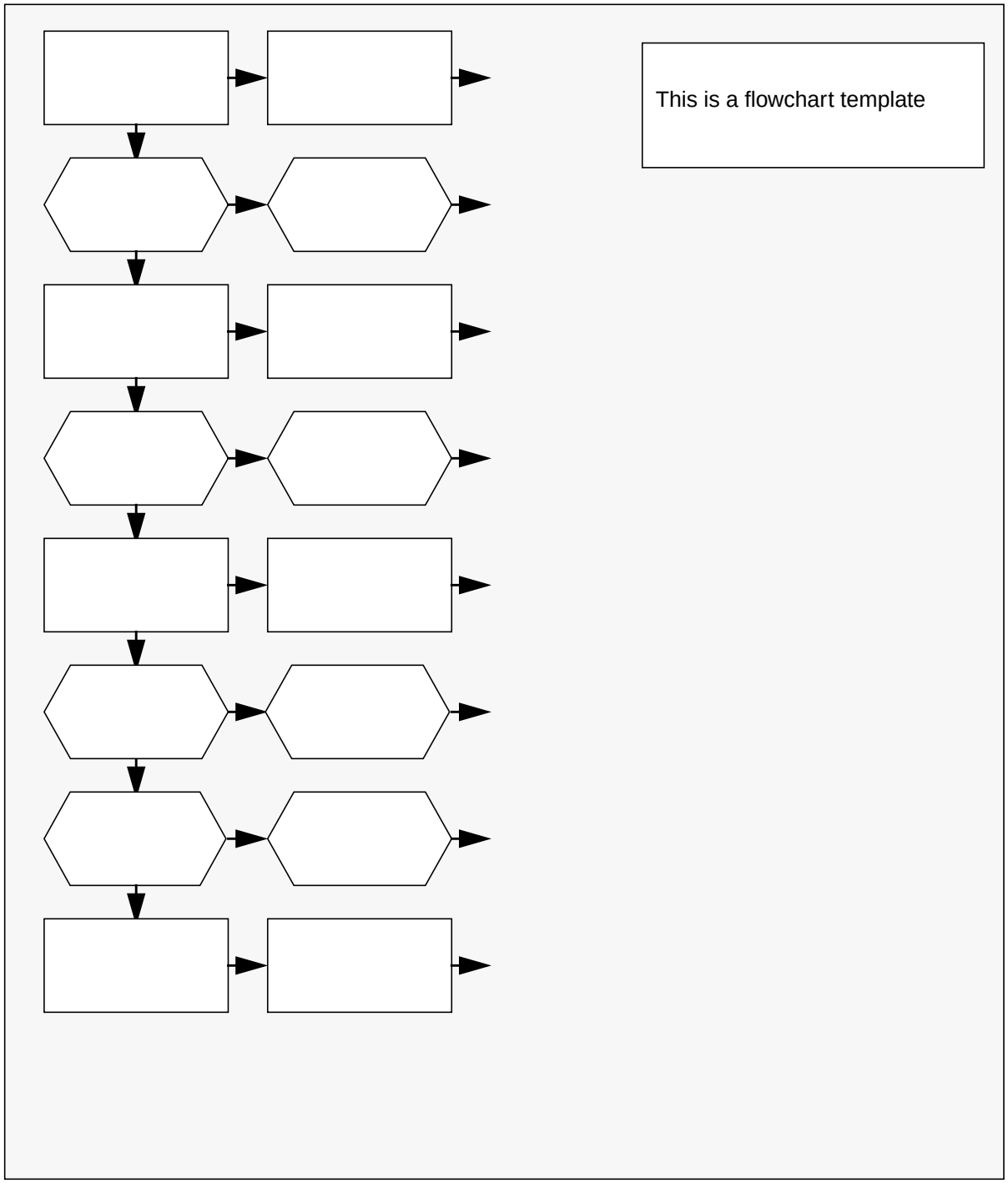


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
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For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
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Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
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OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

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Replace <None> with any related OM groups and explain how they are related if applicable.

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Example:
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List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

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- the sequence of events that cause the registers to be incremented
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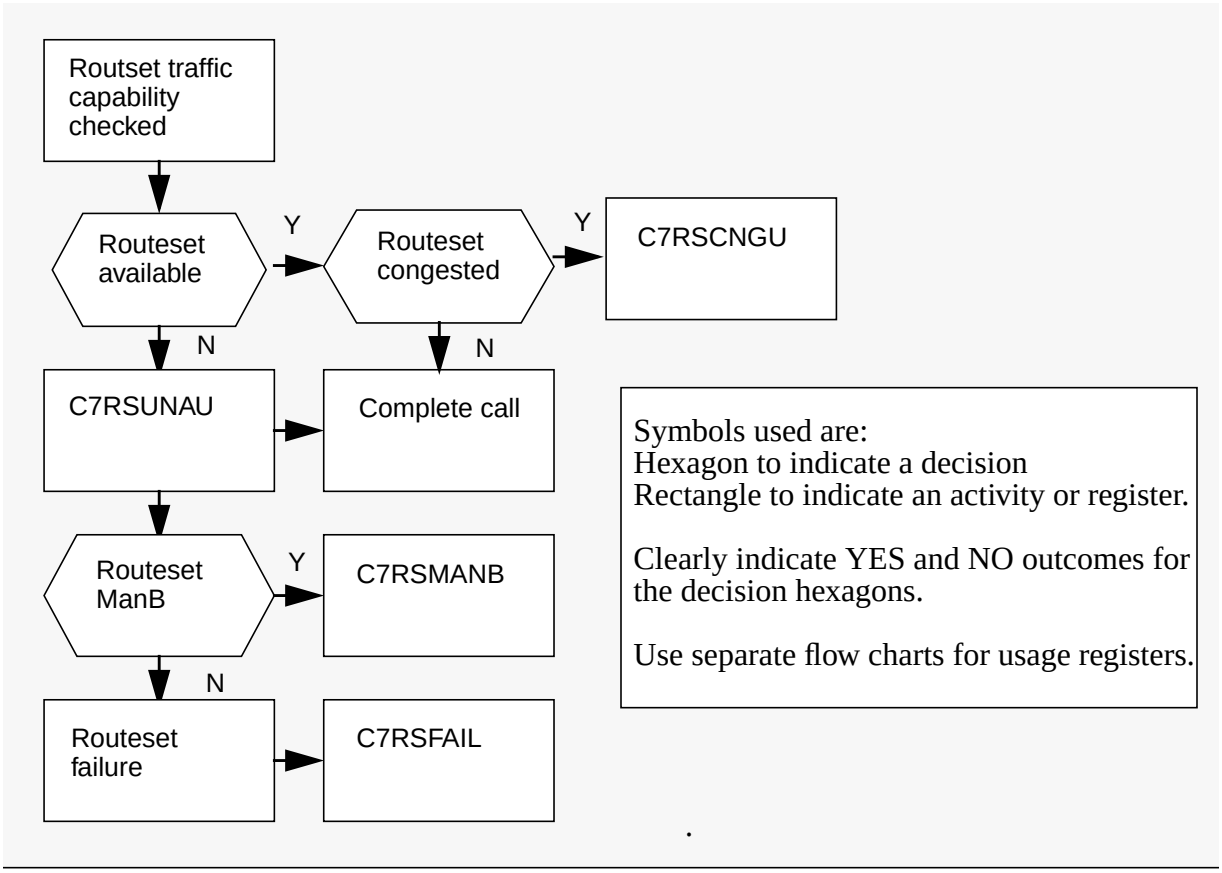
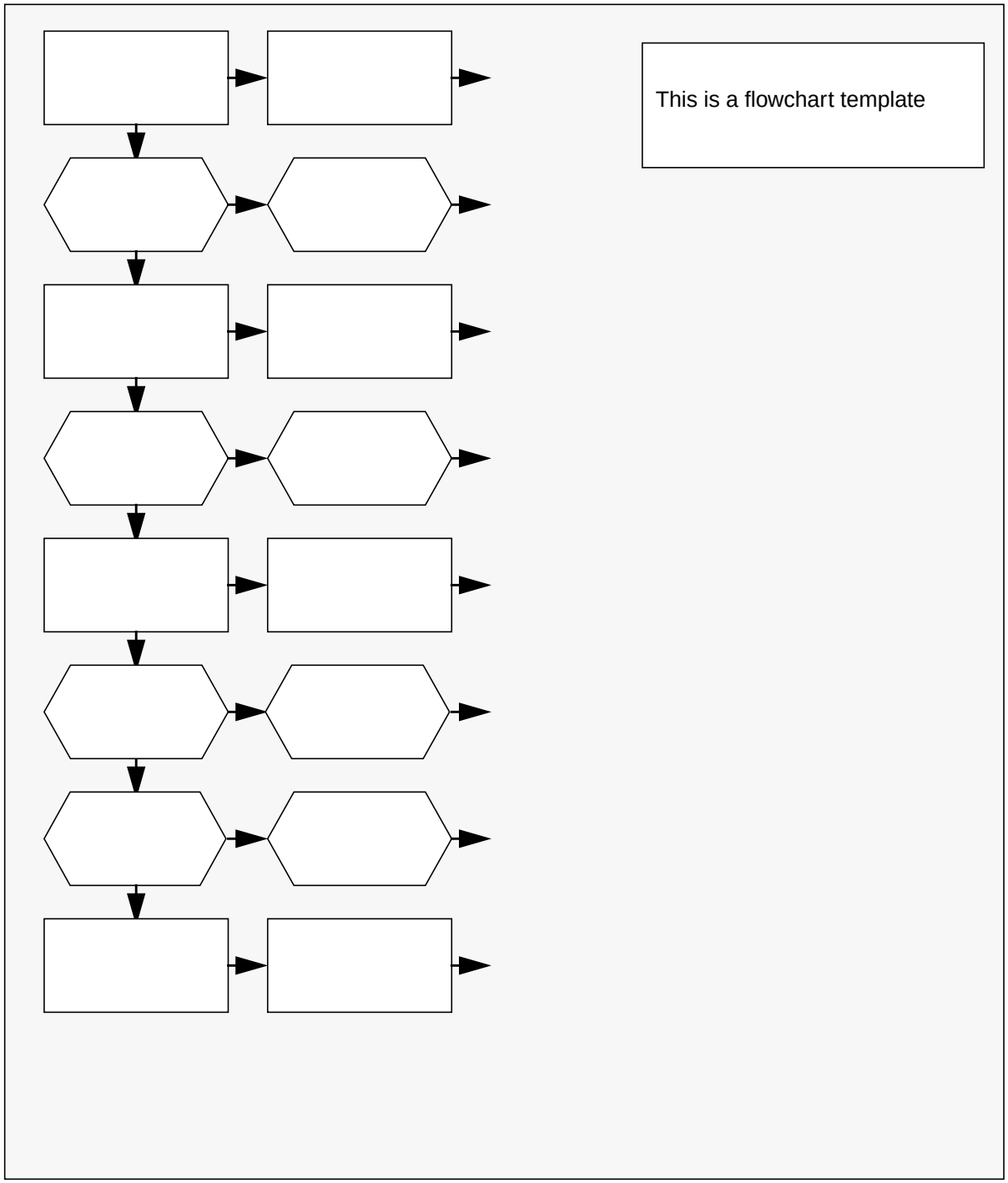


Figure 3 OM group <shortGRPNAME> registers



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16.1.9.3 Associated registers

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Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

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OM Group template

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

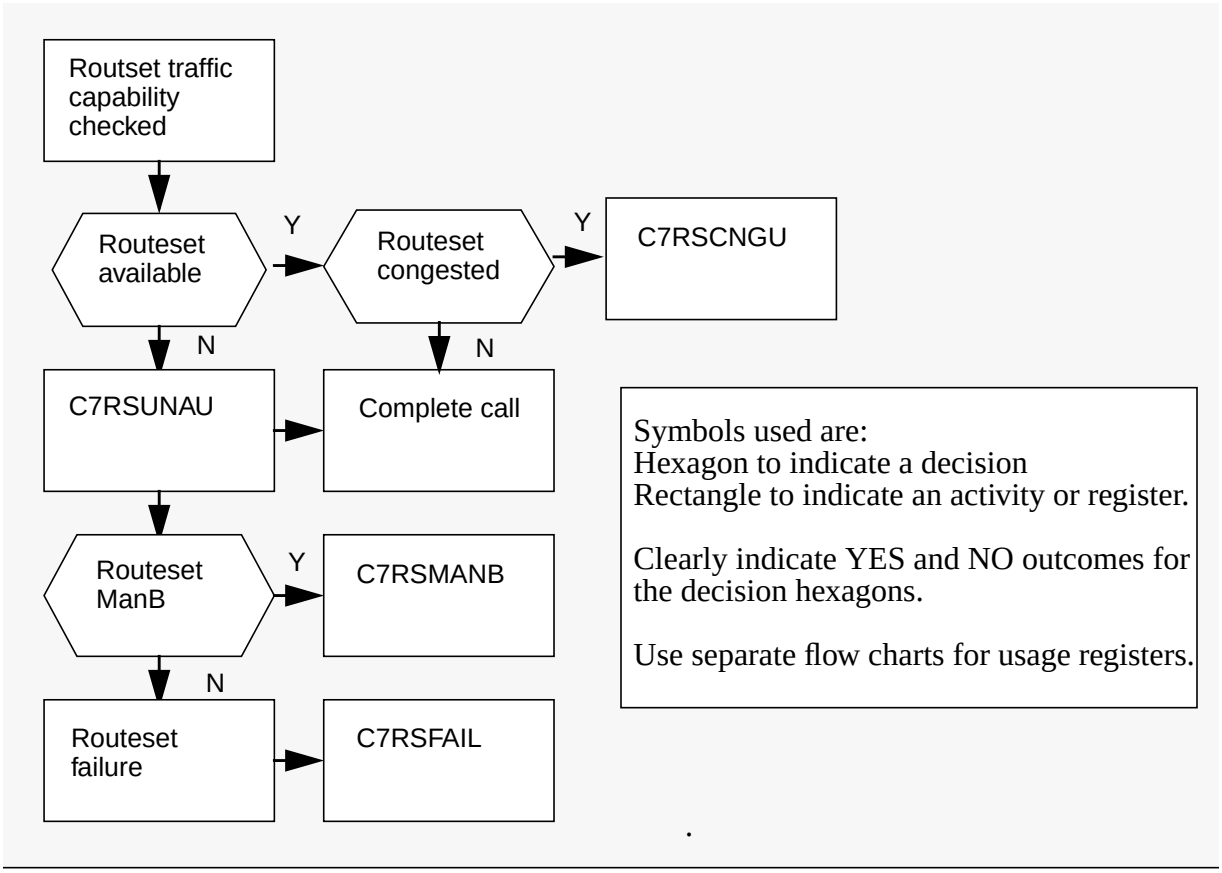
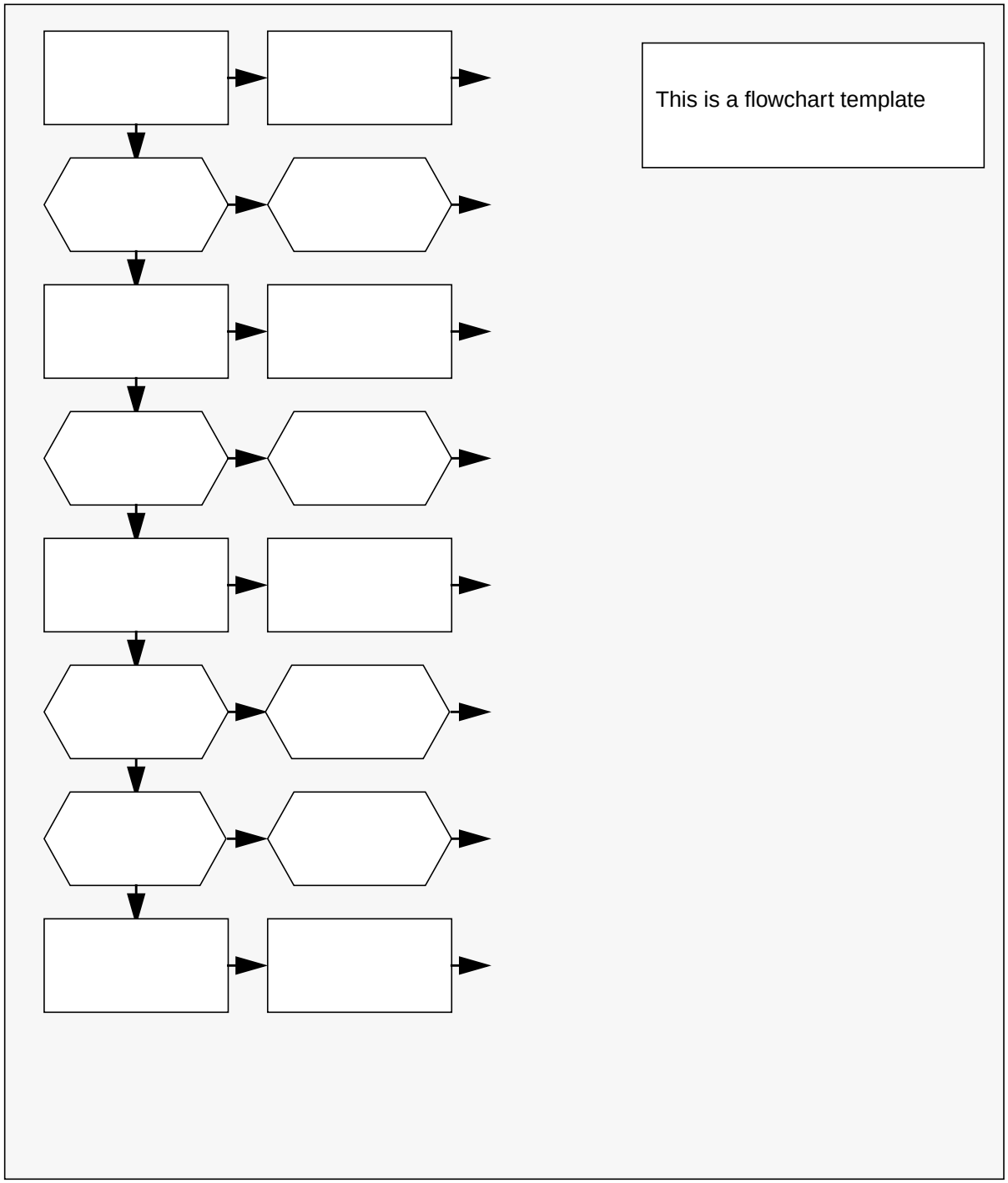


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

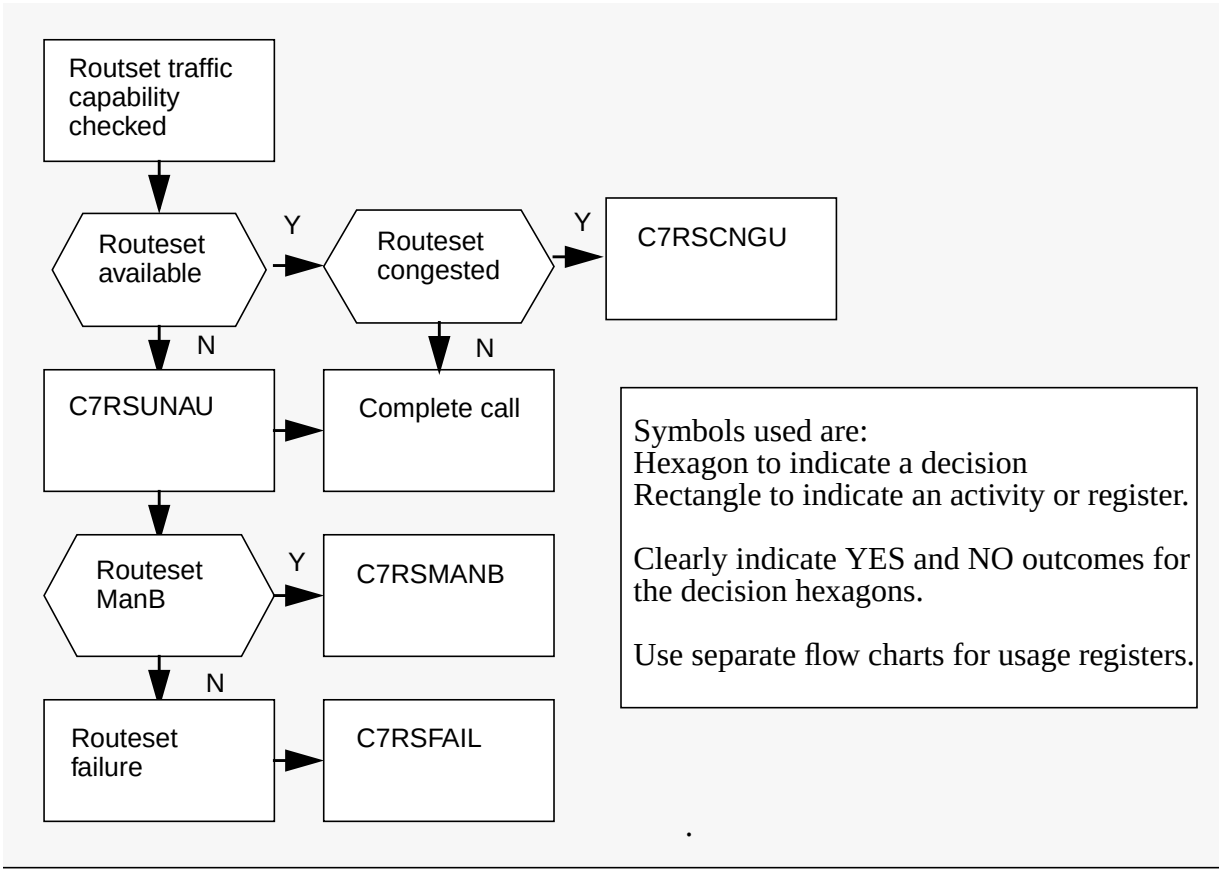
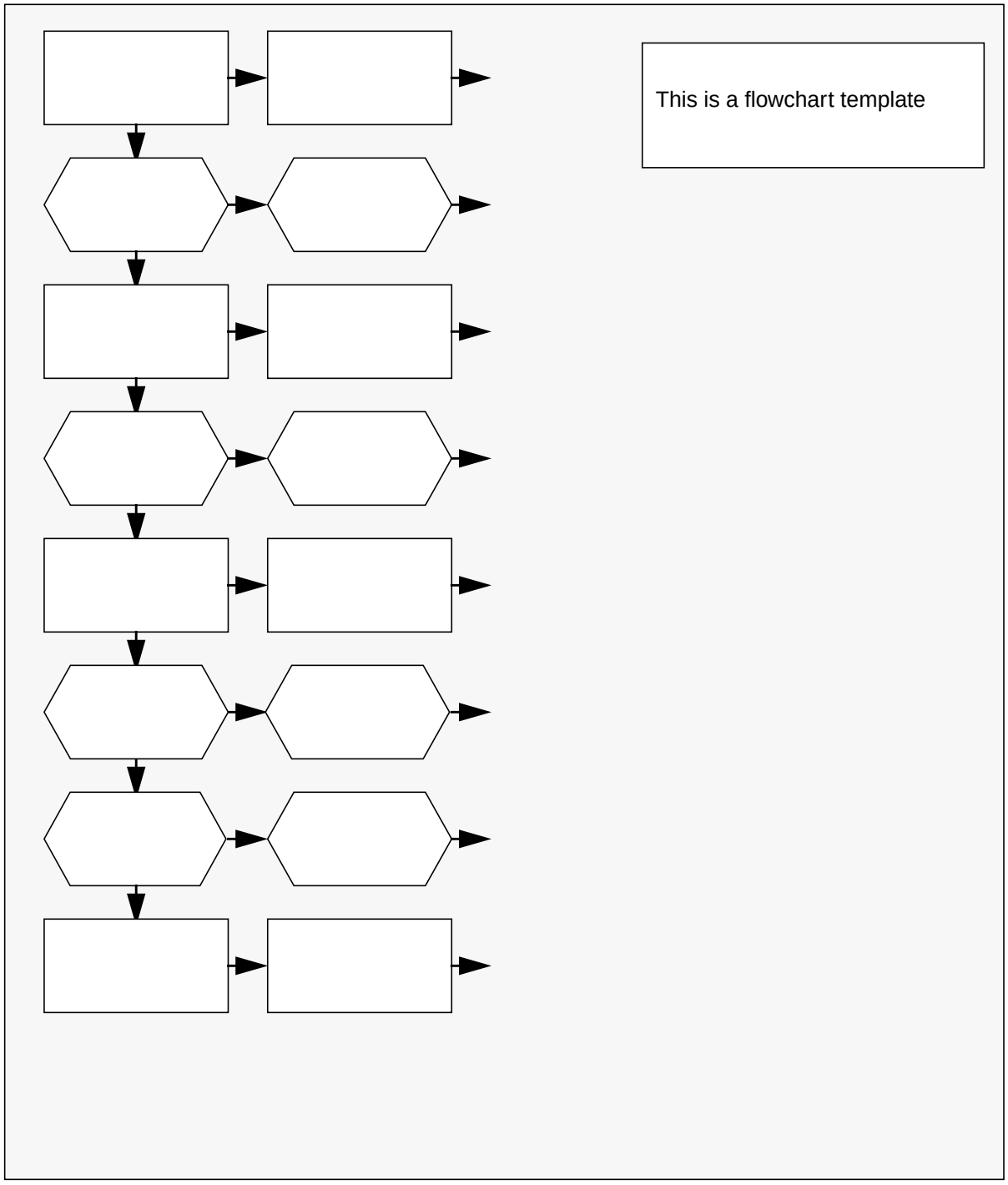


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

14: Operational measurement changes (OM)

14.1 Group CTFP

14.1.1 OM description

OM group CTFP

Call Transfer Fraud Prevention

14.1.2 Release history update

OM group CTFP is added in CCM13.

14.1.3 Registers

OM group CTFP registers display on the MAP terminal as follows:

Figure 1 OM Group CTFP Display

```
CTFP

CLASS:    ACTIVE
START:1999/05/28 09:00:00 FRI; STOP: 1999/05/28 09:20:33 FRI;
SLOWSAMPLES:        13 ; FASTSAMPLES:       123 ;

            CTFPSCRN                        CTFPTHRO
0           5                               2
```

14.1.4 Group structure

OM group CTFP provides 1 tuple

Key field: Not applicable

Info field: Not Applicable

14.1.5 Associated OM groups

None

14.1.6 Associated functional groups

None

14.1.7 Associated functionality codes

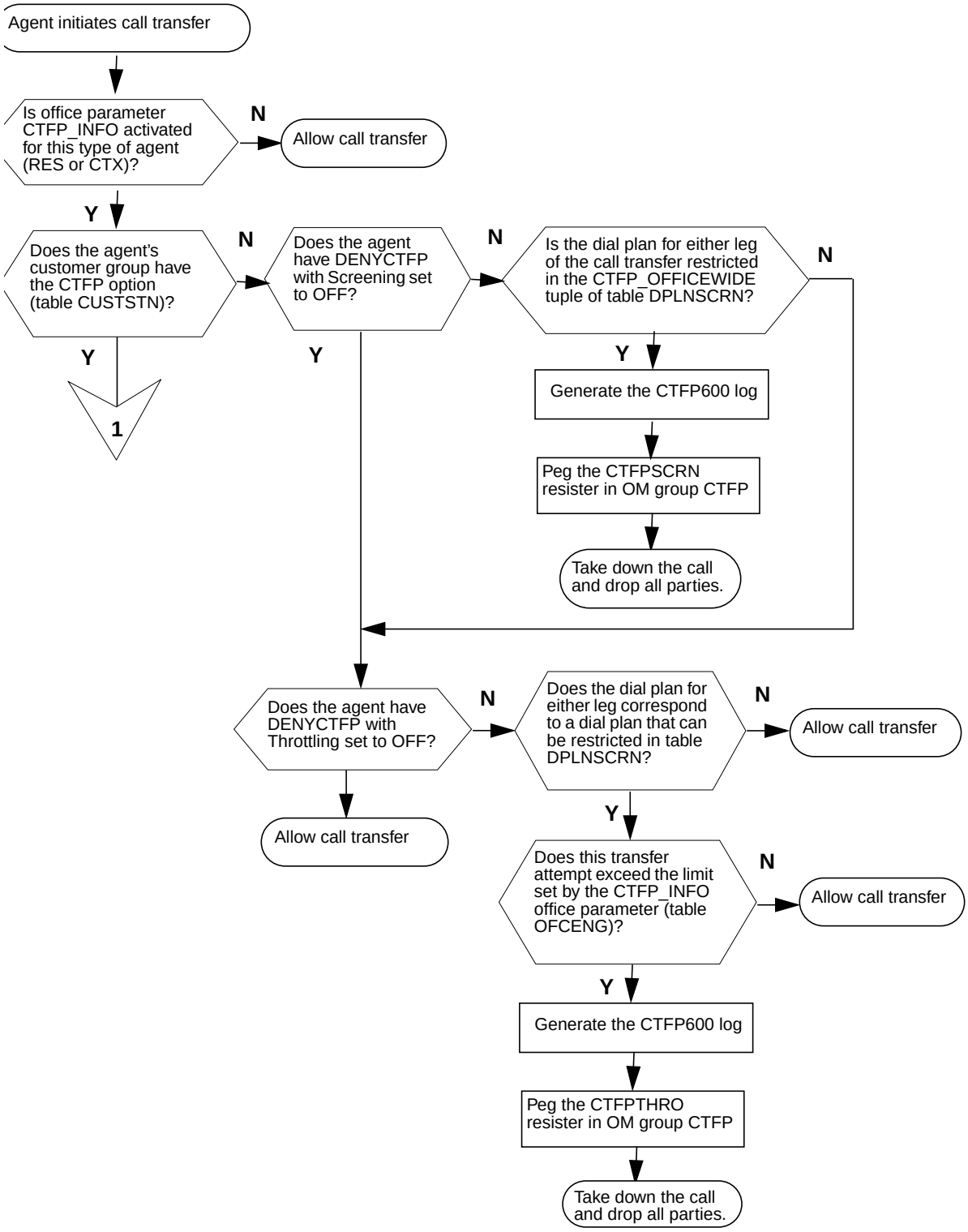
Table 1 Functionality codes associated with OM group CTFP

Functionality	Code
RES Call XFER Fraud	00017817
MDC Call XFER Fraud	00017818

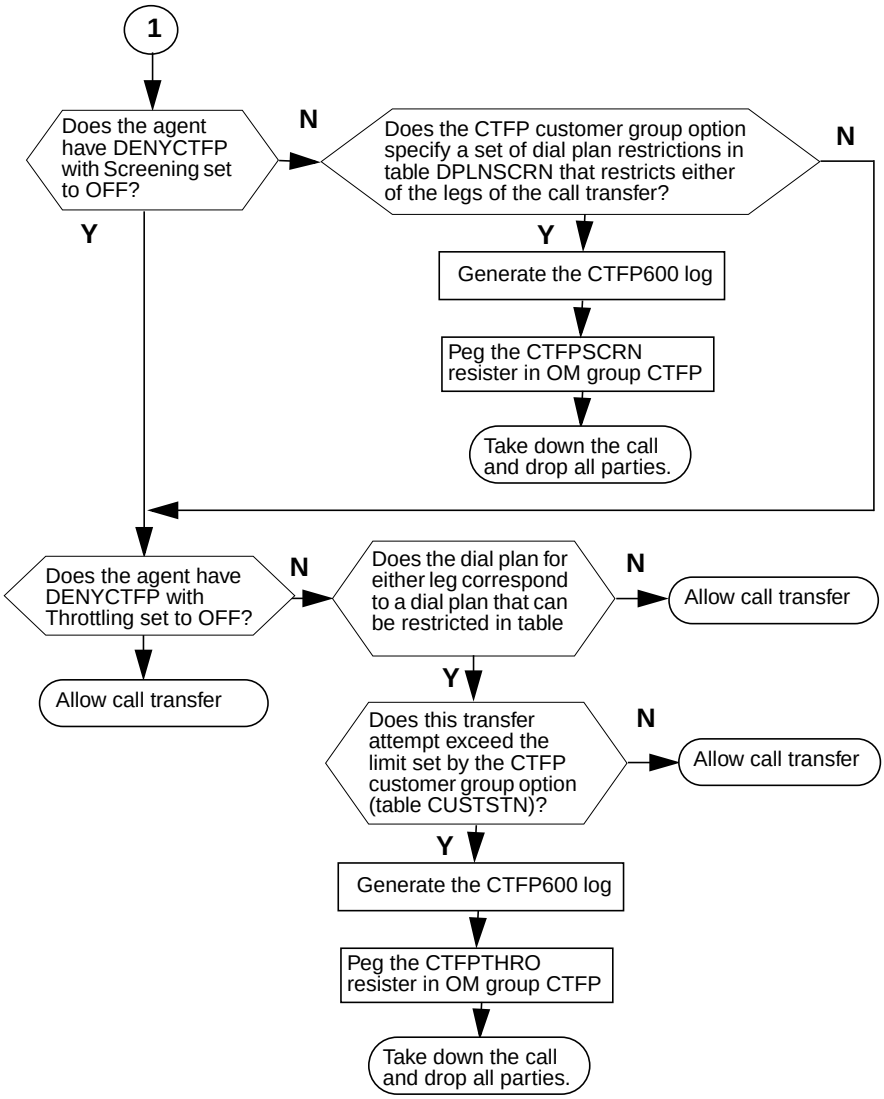
14.1.8 OM logic flow

14.1.8.1 Flow chart: OM groupCTFP registers

Figure 2 OM group CTFP register



OM group CTFP registers cont



14.1.9 Register CTFPSCRN

14.1.9.1 Register description

Register CTFPSCRN

CTFP Screening Failed

CTFP register is pegged when the call drops due to dial plan screening.

14.1.9.2 Register CTFPSCRN release history update

Register CTFPSCRN is added in CCM13.

14.1.9.3 Associated registers

None

14.1.9.4 Associated logs

The log CTFP600 is associated with the CTFP OMs. When the OM CTFPSCRN is pegged, a CTFP600 log is generated for one of the screening reasons.

14.1.10 Register CTFPTHRO

14.1.10.1 Register description

Register CTFPTHRO

CTFP Throttling

The register is pegged when the call drops due to call throttling.

14.1.10.2 Register CTFPTHRO release history update

Register CTFPSCRN is added in CCM13.

14.1.10.3 Associated registers

None

14.1.10.4 Associated logs

The log CTFP600 is associated with the CTFP OMs. When the OM CTFPTHRO is pegged, a CTFP600 log is generated with the throttling reasons.

16: Operational measurement changes (OM)

16.1 Group AINICOFF

16.1.1 OM description

Short Group Name: OM group AINICOFF

Long Group Name : Advanced intelligent networks incoming office-based

16.1.2 Release history update

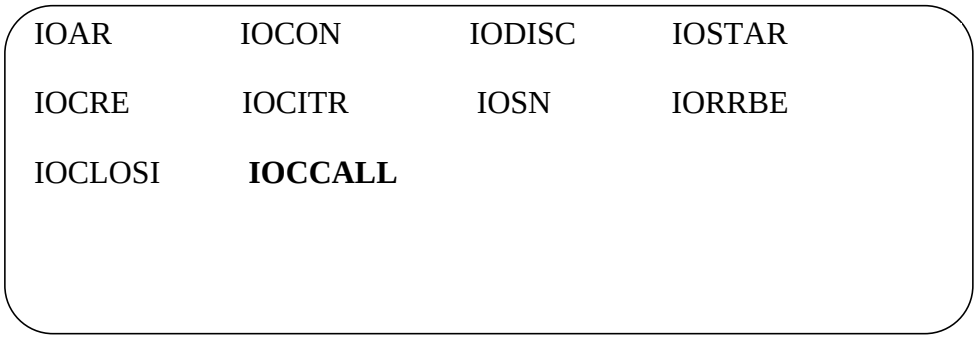
OM group AINICOFF is being modified in NA13.

New OM register IOCCALL is introduced under OM group AINICOFF to keep count of incoming AIN Create Call messages which are successfully decoded.

16.1.3 Registers

OM group AINICOFF registers display on the MAP terminal as follows:

Figure 1 OM Group AINICOFF Display



Please note that IOCCALL has been highlighed in bold in the figure to indicate that it is a new OM register .

16.1.4 Group structure

OM group AINICOFF provides one tuple per office.

Key field: None

Info field: None

16.1.5 Associated OM groups

Please refer AINSIG under Chapter 82: Operational Measurements for AIN for detailed description of the associated OM groups for AINICOFF OM group.

16.1.6 Associated functional groups

There are no associated functional groups.

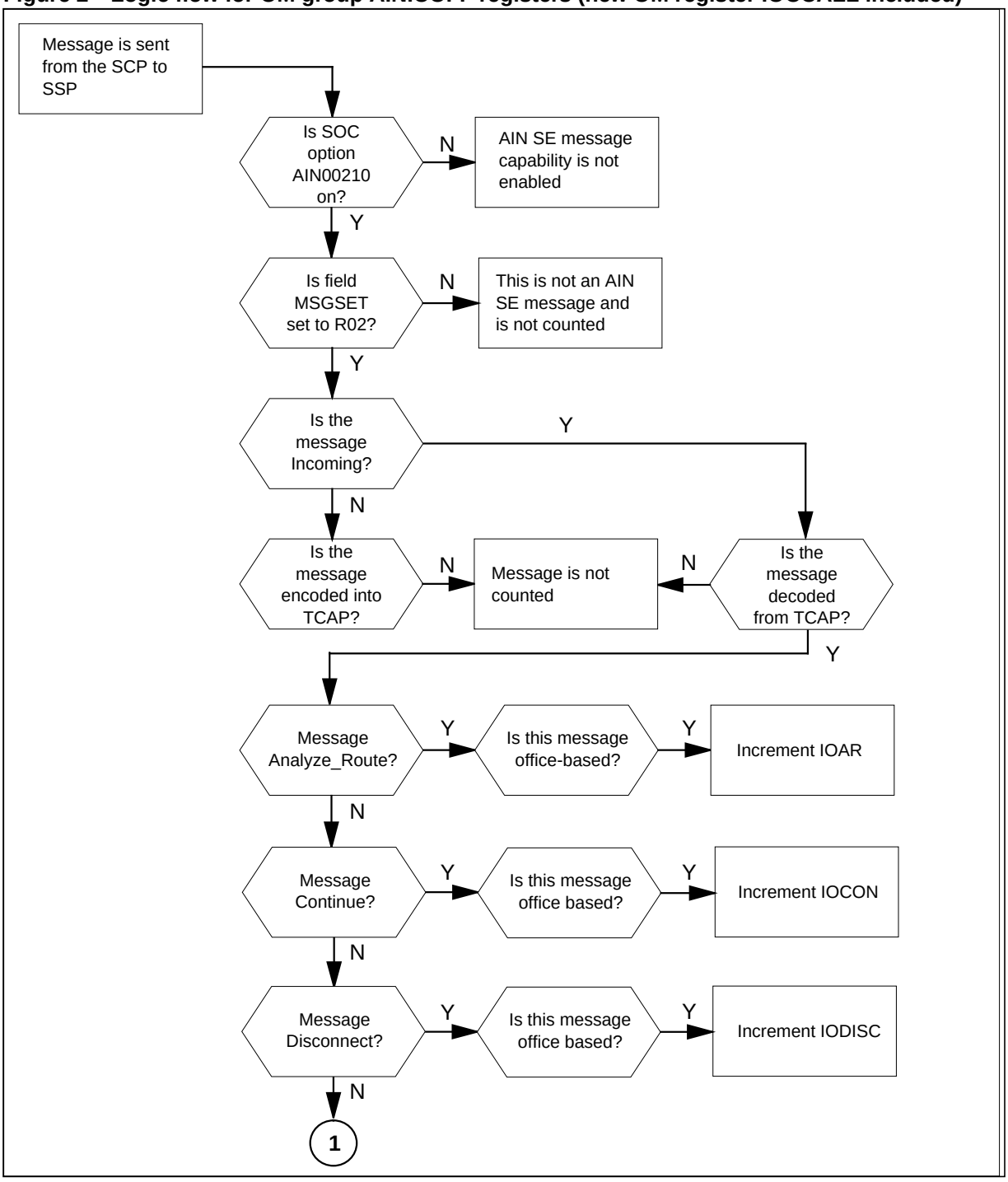
16.1.7 Associated functionality codes

There are no associated functional groups.

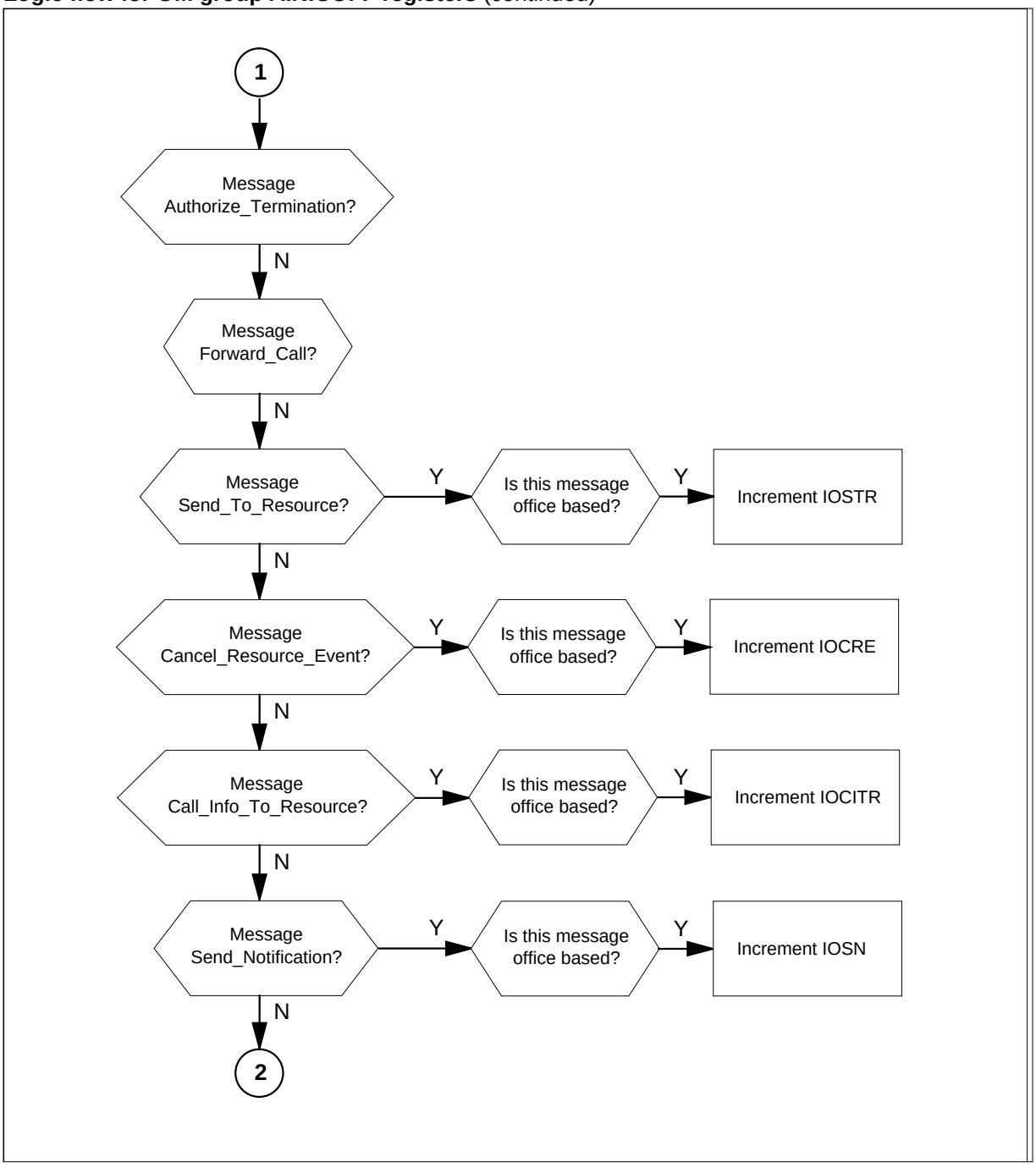
16.1.8 OM logic flow

Please note that the shaded portion in the above diagram indicates the point where the IOCCALL OM register shall be pegged.

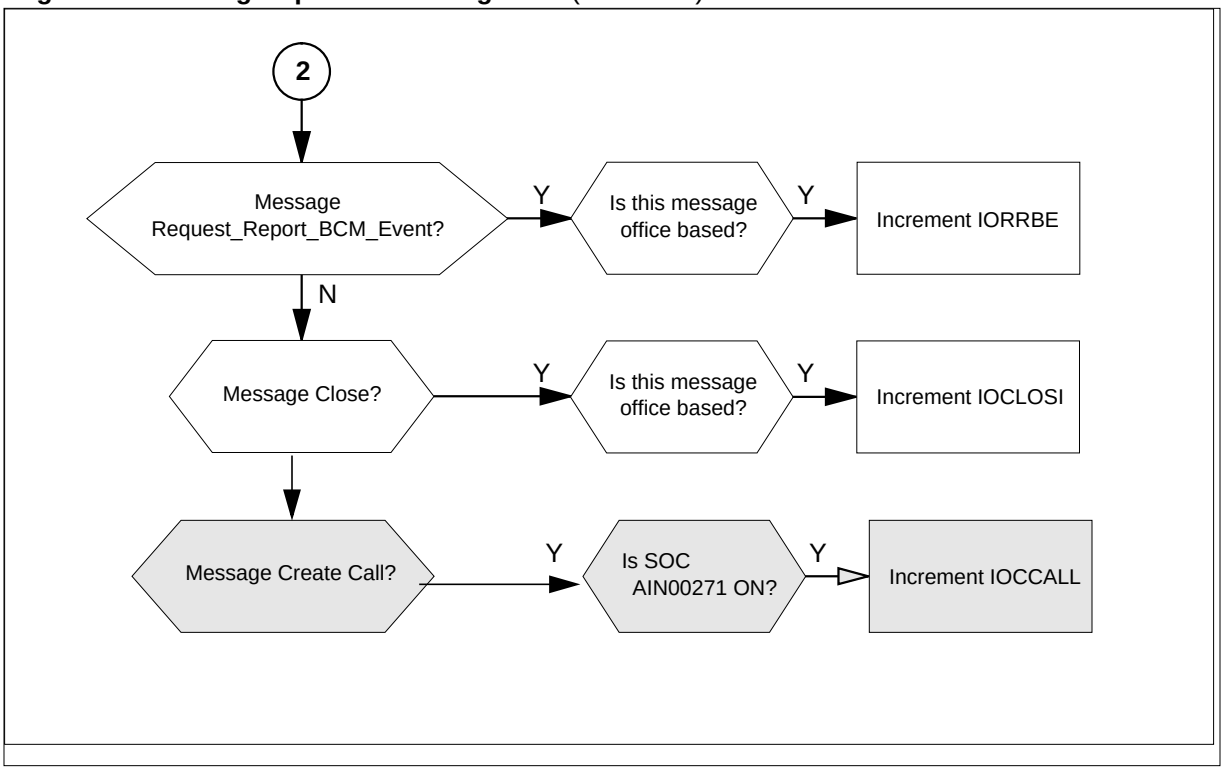
Figure 2 Logic flow for OM group AINICOFF registers (new OM register IOCCALL included)



Logic flow for OM group AINICOFF registers (continued)



Logic flow for OM group AINICOFF registers (continued)



16.1.9 Register IOCCALL (newly introduced)

16.1.9.1 Register description

Register IO Create Call counts the incoming Create Call messages the SSP receives from the SCP. The register is pegged only when Create Call messages is decoded correctly by the SSP and AIN SOC AIN00271 is ON.

16.1.9.2 Register <short name> release history update

Register IOCCALL is being introduced in NA13.

16.1.9.3 Associated registers

New OM register CCTMOUT in OM group AIN counts the number of times the user has rejected the create call service by allowing a timeout after a

notification is given to the user by Create call. Additionally register IOCLOSO records the number of CLOSE messages sent by Create call functionality in addition to the CLOSE messages from other AIN applications in the SSP.

16.1.9.4 Associated logs

There are no associated logs

16.2 Group AIN

16.2.1 OM description

Short Group Name: OM group AIN

Long Group Name : Advanced intelligent network

16.2.2 Release history update

OM group AIN is being modified in NA13.

New OM register CCTMOUT is introduced under OM group AIN to count the number of times the user has rejected the create call service by allowing a timeout after a notification is given to the user by Create cal

16.2.3 Registers

OM group AIN registers display on the MAP terminal as follows:

Figure 3 OM Group AIN Display

TRIG	TRIG2	INTROFF	INTROFF2
CPFLBFQ	CPFLAFQ	MAXQEXCD	TIOVFBFQ
CIOVFBFQ	TIOVFAFQ	CIOVFAFQ	RSPTMOUT
INVCMDMG	INVCMDSE	AMACONV	AMAMAX
AMASLPID	AINCALL	AINCALL2	**CCTMOUT**

Please note that CCTMOUT has been highlighed in bold in the figure to indicate that it is a new OM register .

16.2.4 Group structure

OM group AIN provides one tuple for each key.

Key field:

AIN_MSGSET is the AIN application identifier for a call. This OM group enables increments for R01 and R02 messages. INAPV8 is the key field for CS-1R on the DMS-SSP. This OM group enables increments for CS-1R calls.

Info field: None

16.2.5 Associated OM groups

None

16.2.6 Associated functional groups

There are no associated functional groups.

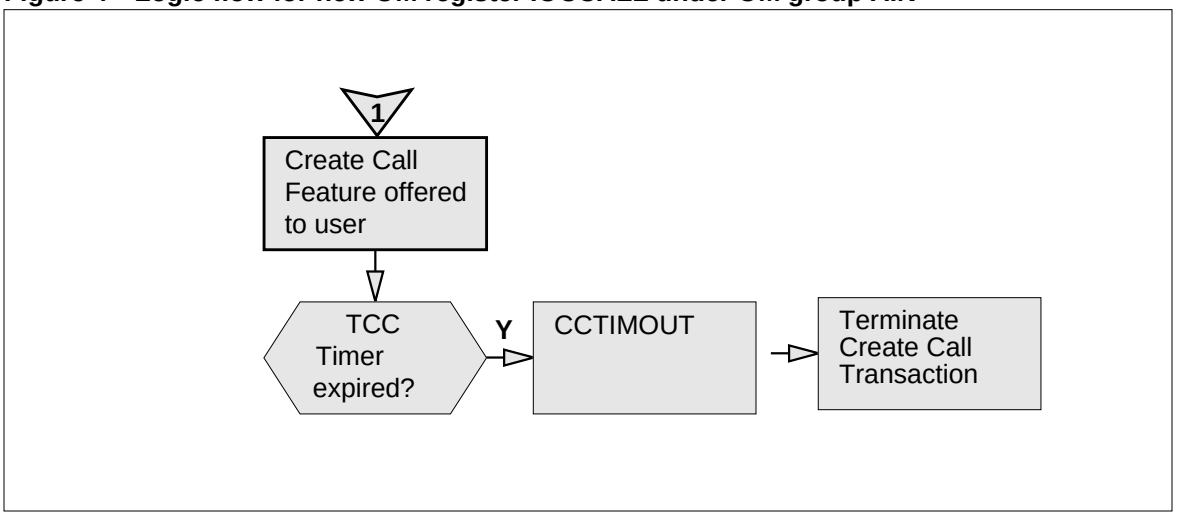
16.2.7 Associated functionality codes

Please refer AIN SIG Chapter 82: Operational Measurements for AIN for a dettailed listing of funcationality codes for OM group AIN

16.2.8 OM logic flow

The following figure illustrates the logical flow for new OM register CCTMOUT under OM group AIN. The shaded portion shows activity which is new because of Create Call feature

Figure 4 Logic flow for new OM register IOCCALL under OM group AIN



16.2.9 Register CCTMOUT (newly introduced)

16.2.9.1 Register description

Register CCTMOUT in OM group AIN counts the number of times the user has rejected the create call service by allowing a timeout after a notification is given to the user by Create call.

16.2.9.2 Register CCTMOUT release history update

Register CCTMOUT is being introduced in NA13.

16.2.9.3 Associated registers

New OM register IOCCALL in OM group AINICOFF counts the number of times the SSP has received valid Create call messages with AIN00271 SOC option ON. Additionally register IOCLOSO records the number of CLOSE messages sent by Create call functionality in addition to CLOSE message from other AIN applications in the SSP.

16.2.9.4 Associated logs

There are no associated logs

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

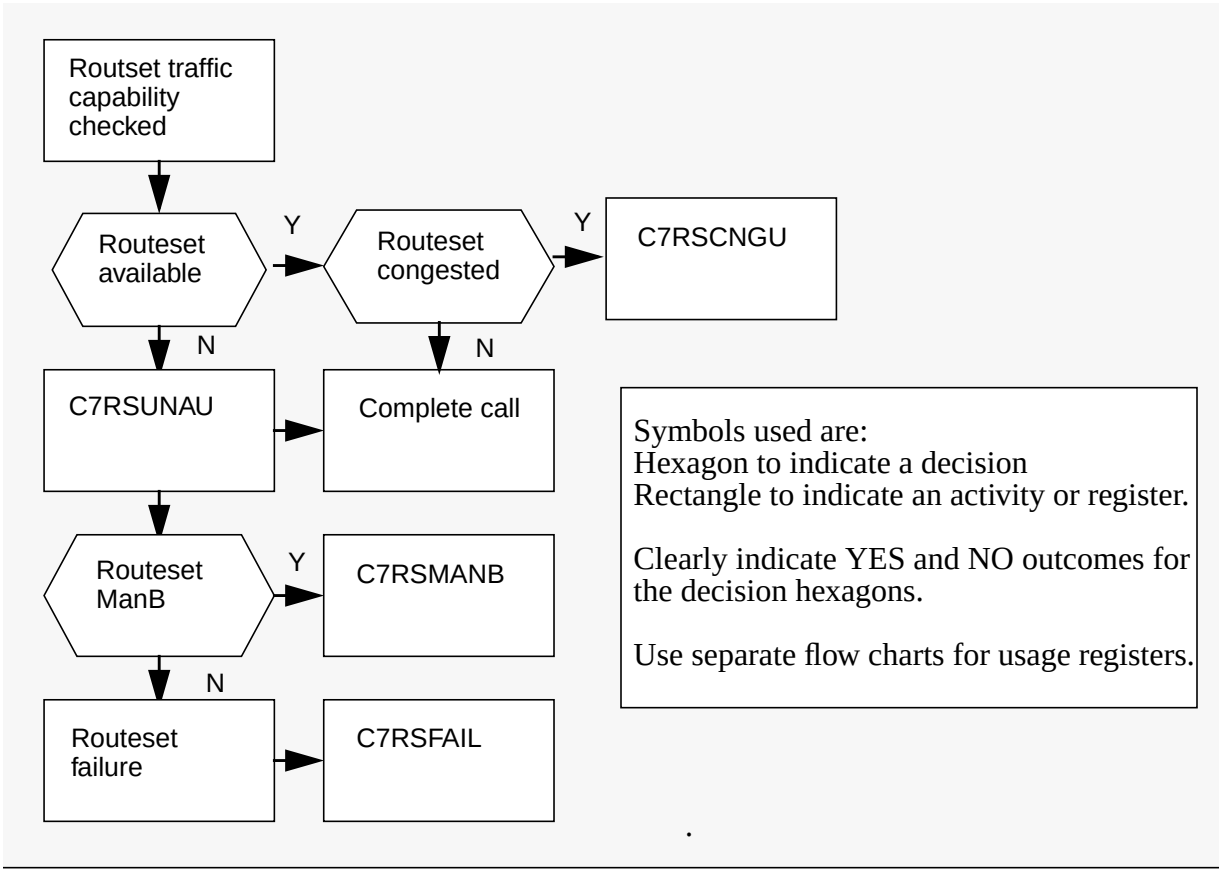
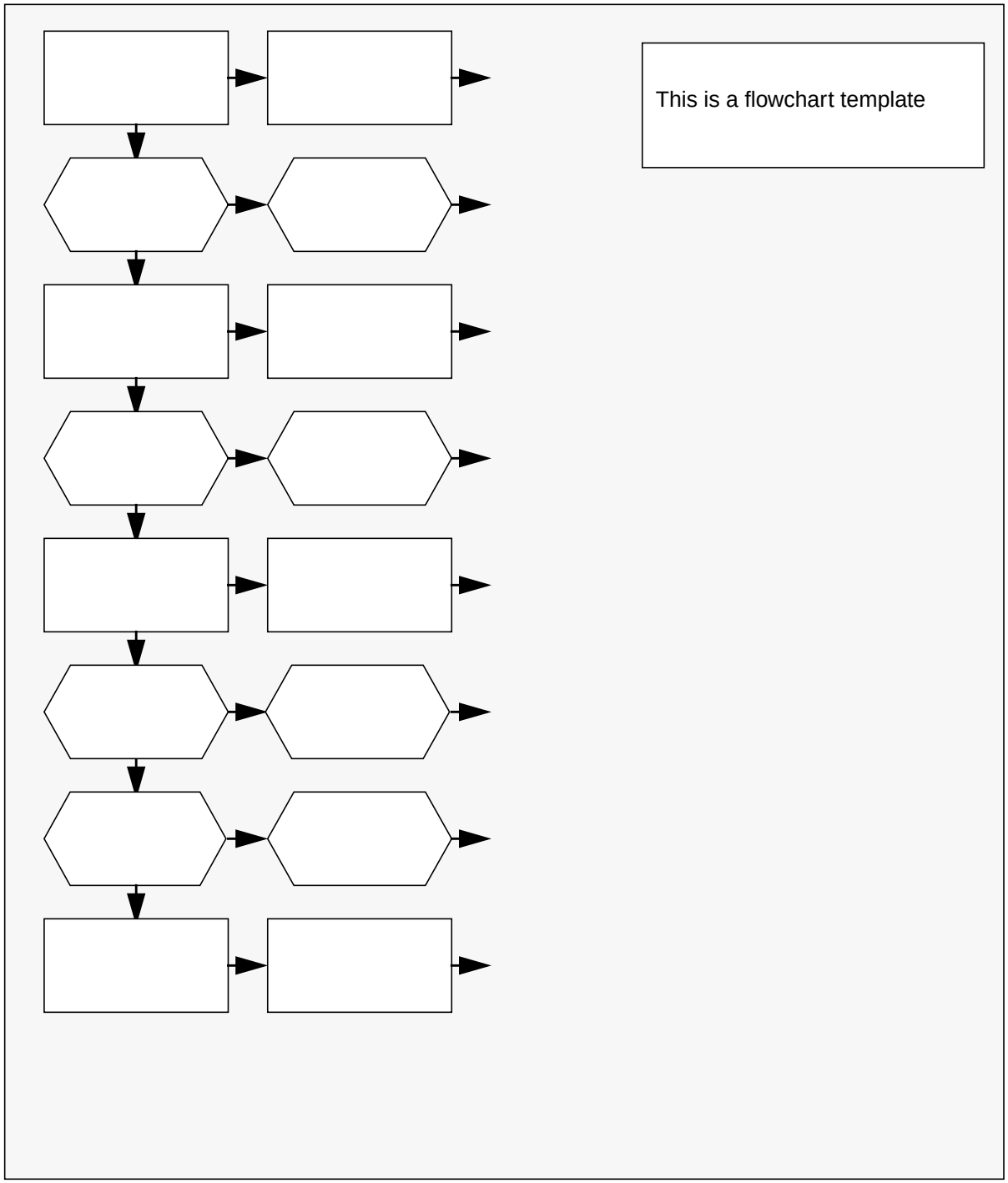


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

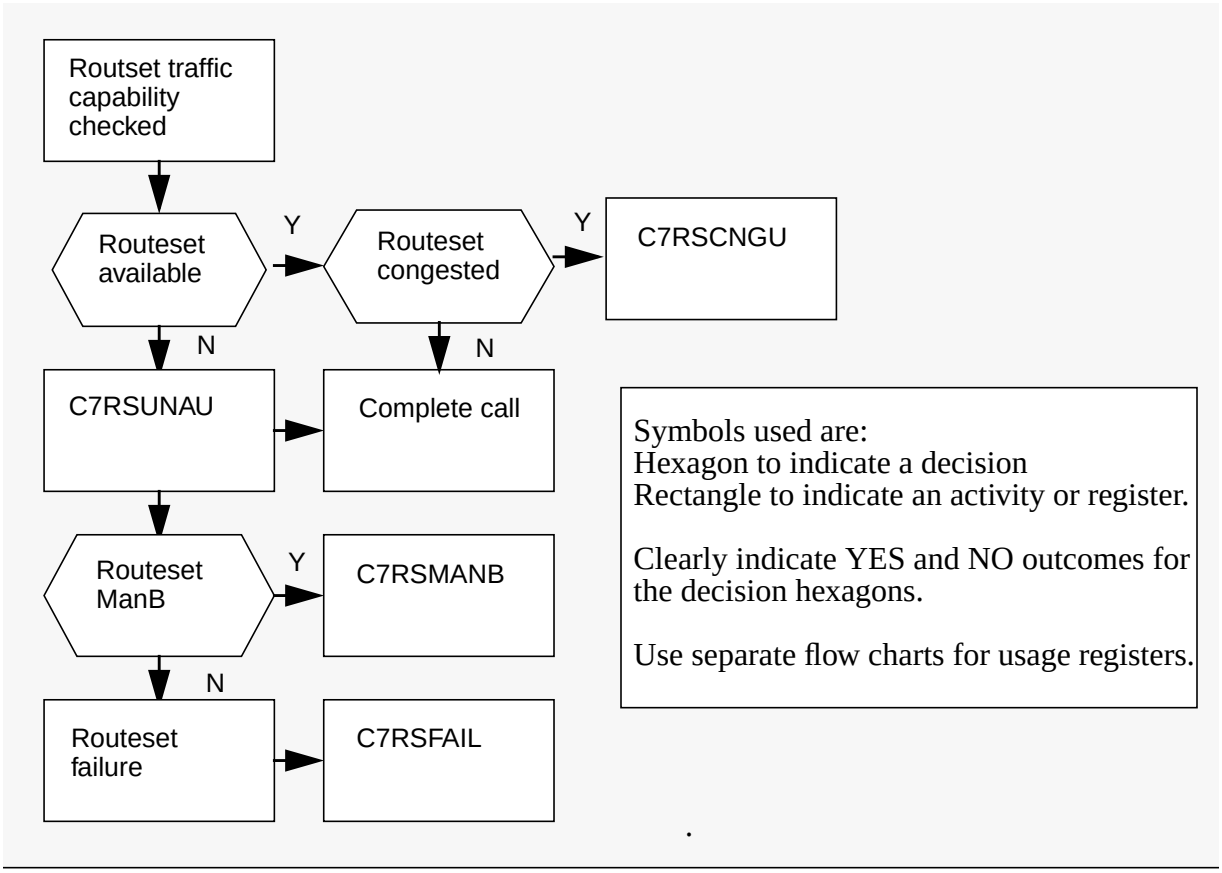
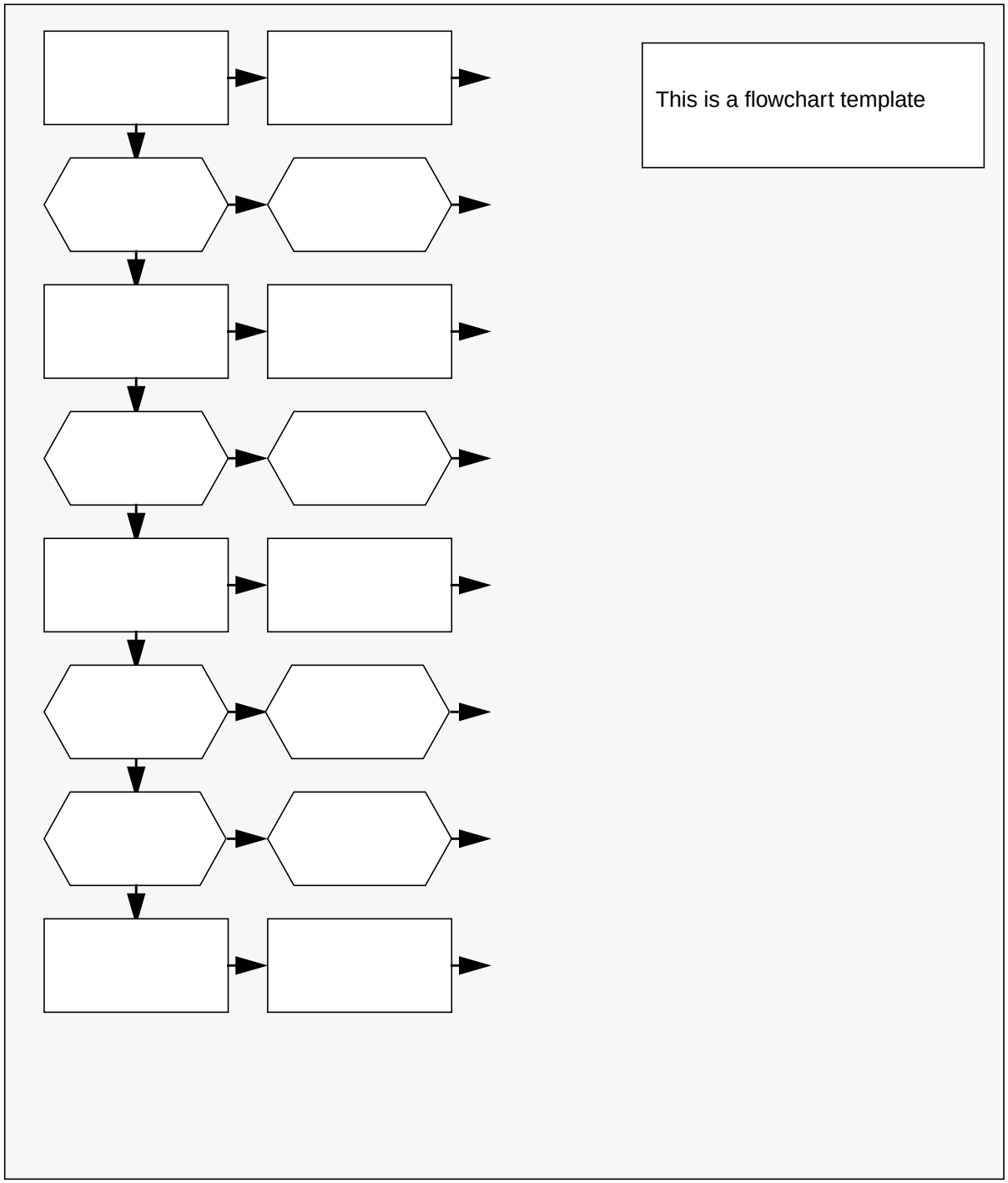


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

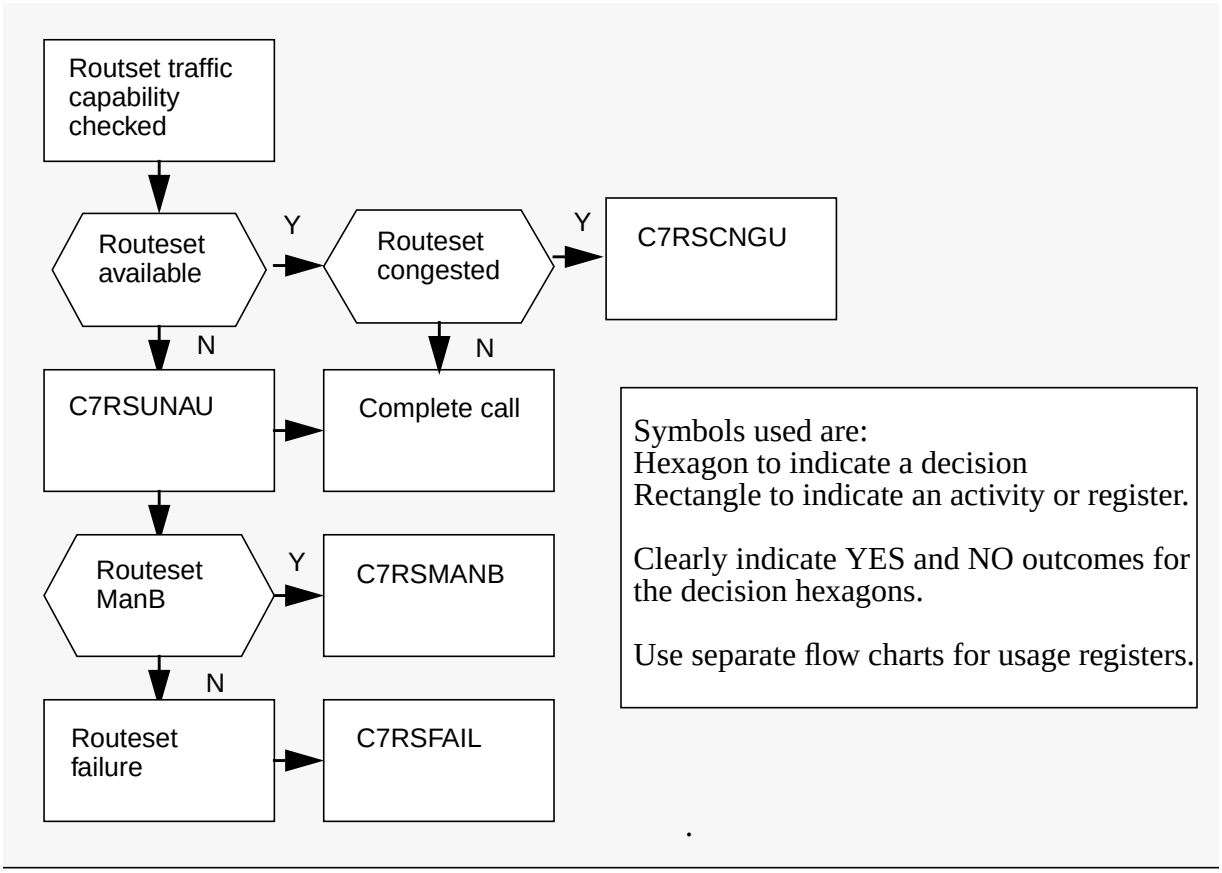
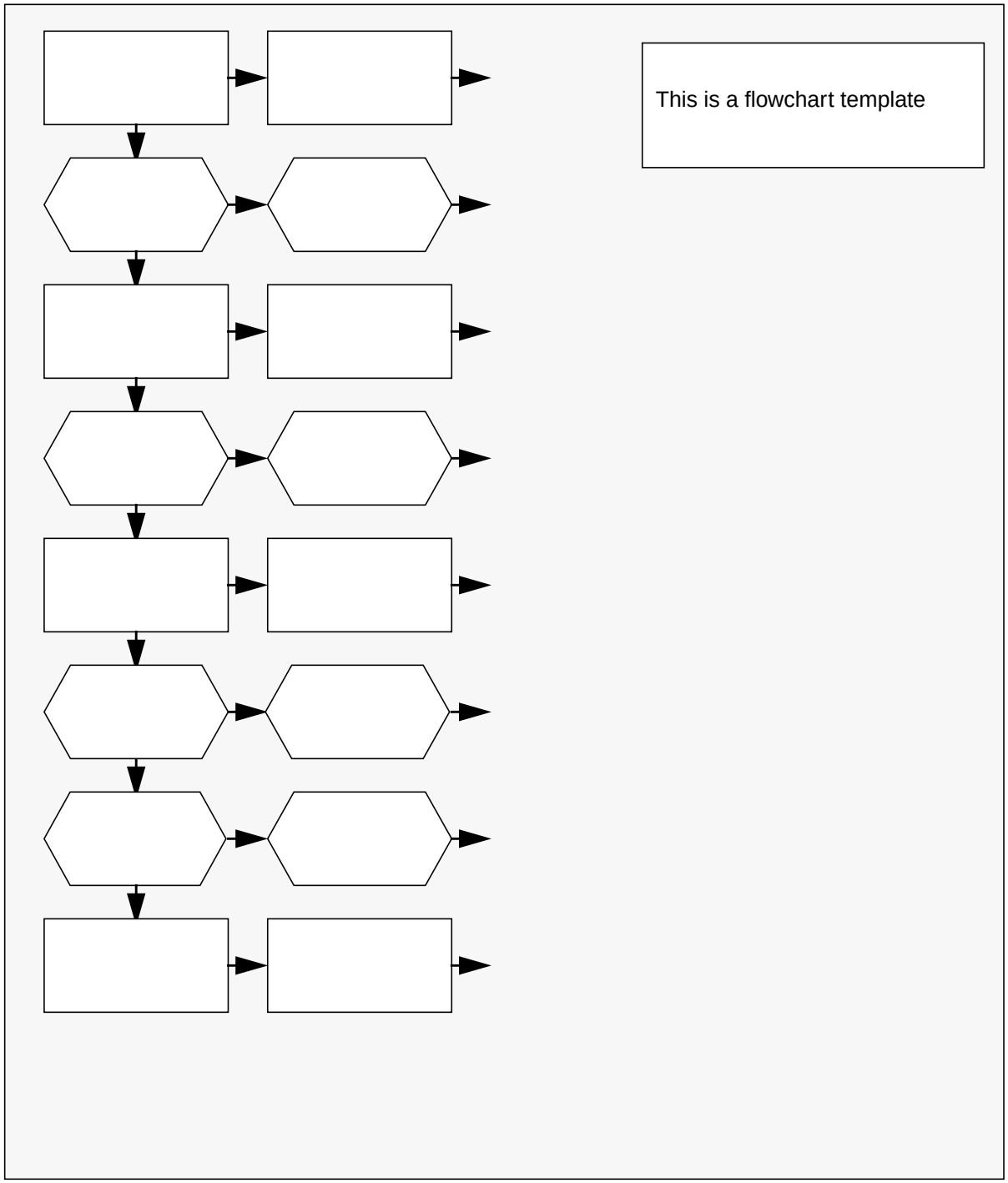


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

16.1 OM Group

16.1.1 New OM group list

Table 1 New OM group

GROUP NAME (acronym)	GROUP NAME (expanded)	NEW, CHANGED or DELETED	REASON
CALLRDT	Call Redirect	NEW	Monitor the CRT feature.

16.1.2 CRT OM description

The Call Redirect (CALLRDT) OM group provides information on the use of the CRT functionality. This group contains three registers to measure specific occurrences during a CRT session, either in normal or error conditions.

16.1.3 Release history update

NA013 : OM group CALLRDT is being introduced.

16.1.4 Registers

OM group CALLRDT registers display on the MAP terminal as follows:

Figure 1 OM Group CALLRDT Display

```
            CALLRDT
CLASS:   ACTIVE
START:1976/01/02 22:30:00 FRI; STOP: 1976/01/02 22:47:47 FRI;
SLOWSAMPLES:       11 ; FASTSAMPLES:       107 ;
        CRTACT    CRTUACT   CRTOPHUP

  0         0         0         0
```

16.1.5 Group structure

Key field : None

Info field : None

16.1.6 Associted OM groups

None.

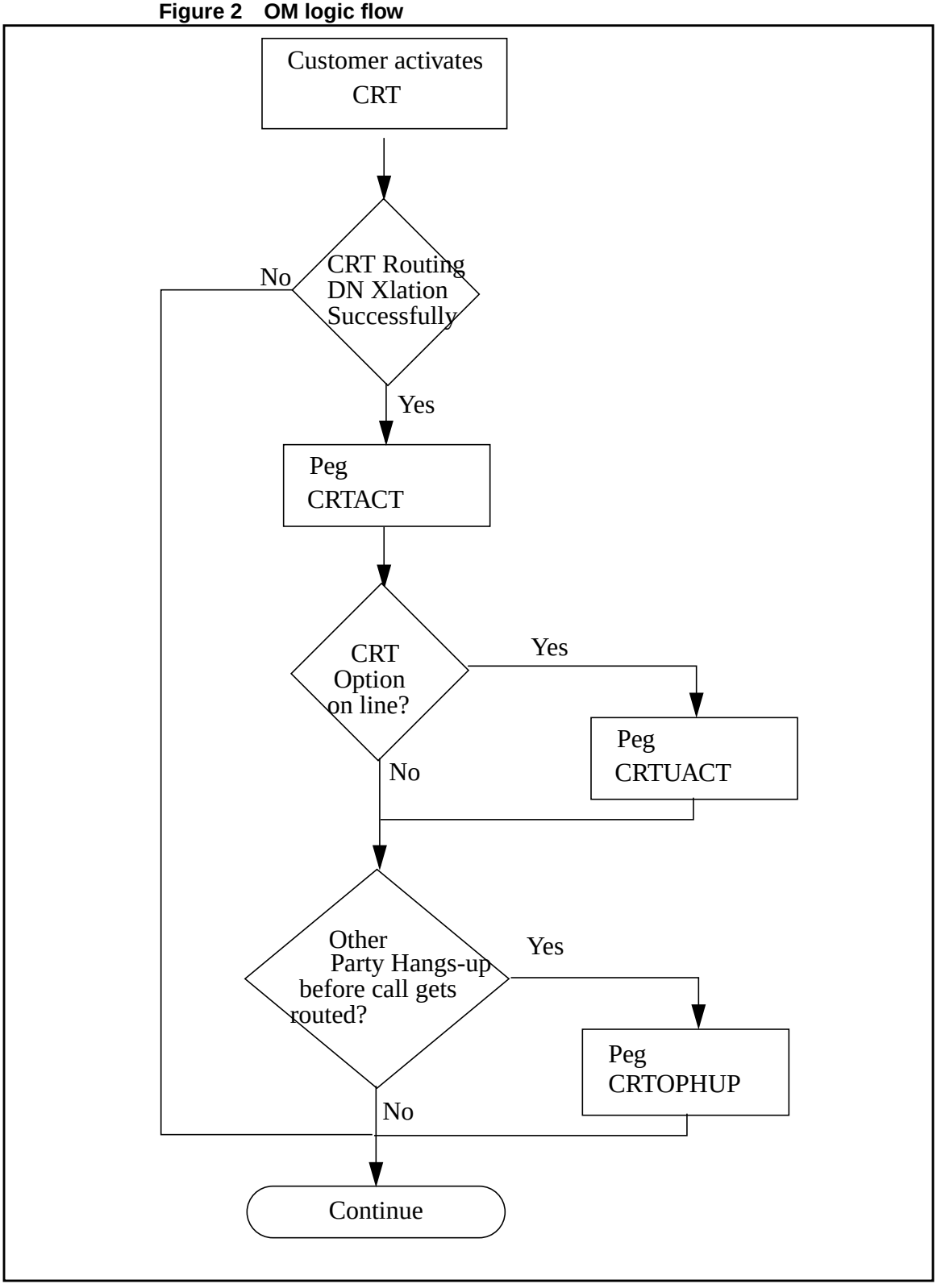
16.1.7 Associated functional groups

None.

16.1.8 OM logic flow

The following flowchart shows the distinct events when the OMs are pegged.

Figure 2 OM logic flow



16.1.9 Register name: CRTACT

16.1.9.1 Register Description

The Call Redirect Activate is a “peg” type register. It is pegged whenever the CRT feature is activated successfully by an eligible end user during a basic two-party call.

16.1.9.2 Register CRTACT release history update

Register CRTACT is being introduced in NA013.

16.1.9.3 Associated registers

None.

16.1.9.4 Associated Logs

None.

16.1.10 Register name: CRTUACT

16.1.10.1 Register Descriptions

CRTUACT is a “peg” type register. It is pegged whenever the CRT feature is activated using a pay-per-use access by an eligible end-user during a basic two-party call.

16.1.10.2 Register CRTUACT release history update

Register CRTUACT is being introduced in NA013.

16.1.10.3 Associated registers

None.

16.1.10.4 Associated Logs

None.

16.1.11 Register name : CRTOPHUP

16.1.11.1 Register description

CRTOPHUP is a “peg” type register. It is pegged when the other party hangs up before getting routed according to the CRT routing DN.

16.1.11.2 Register CRTOPHUP release history.

Register CRTOPHUP is being introduced in NA013.

16.1.11.3 Associated registers

None

16.1.11.4 Associated Logs

None.

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

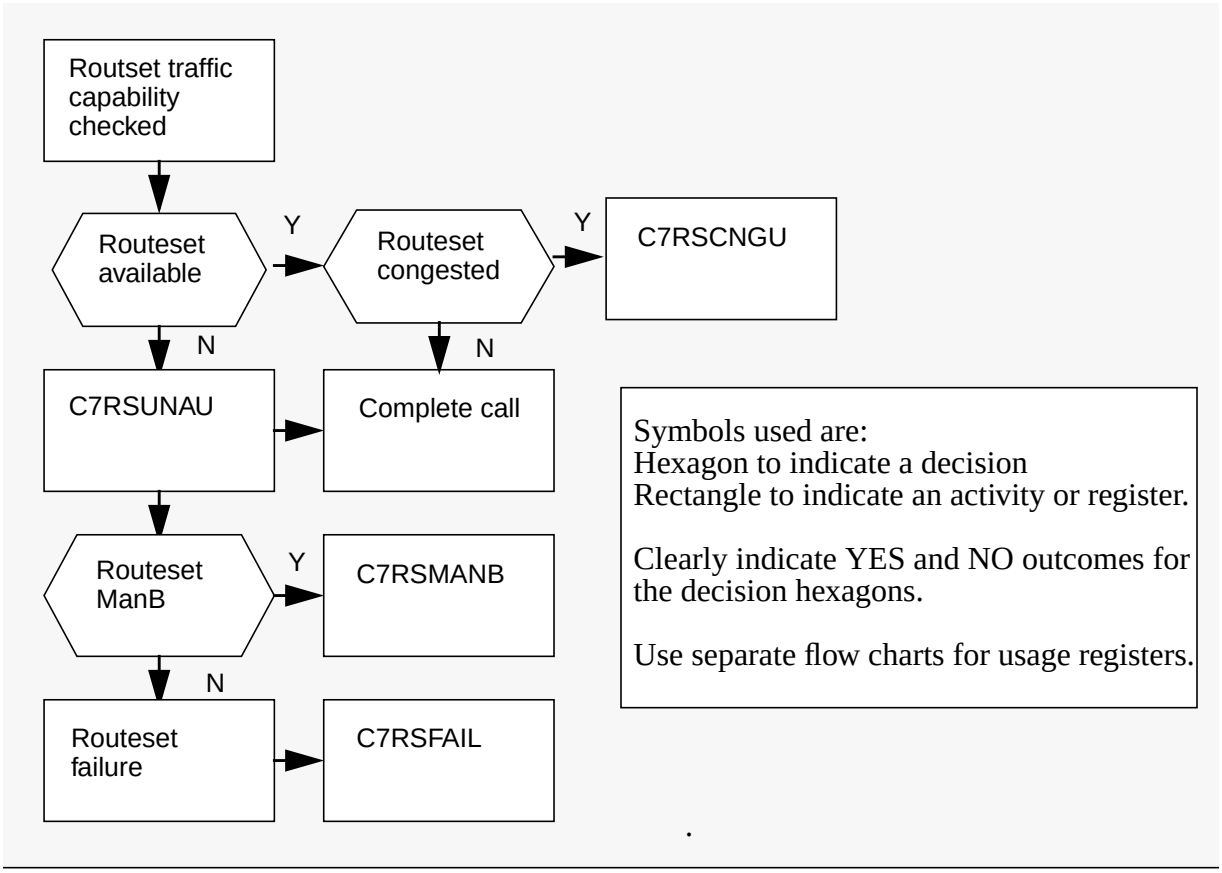
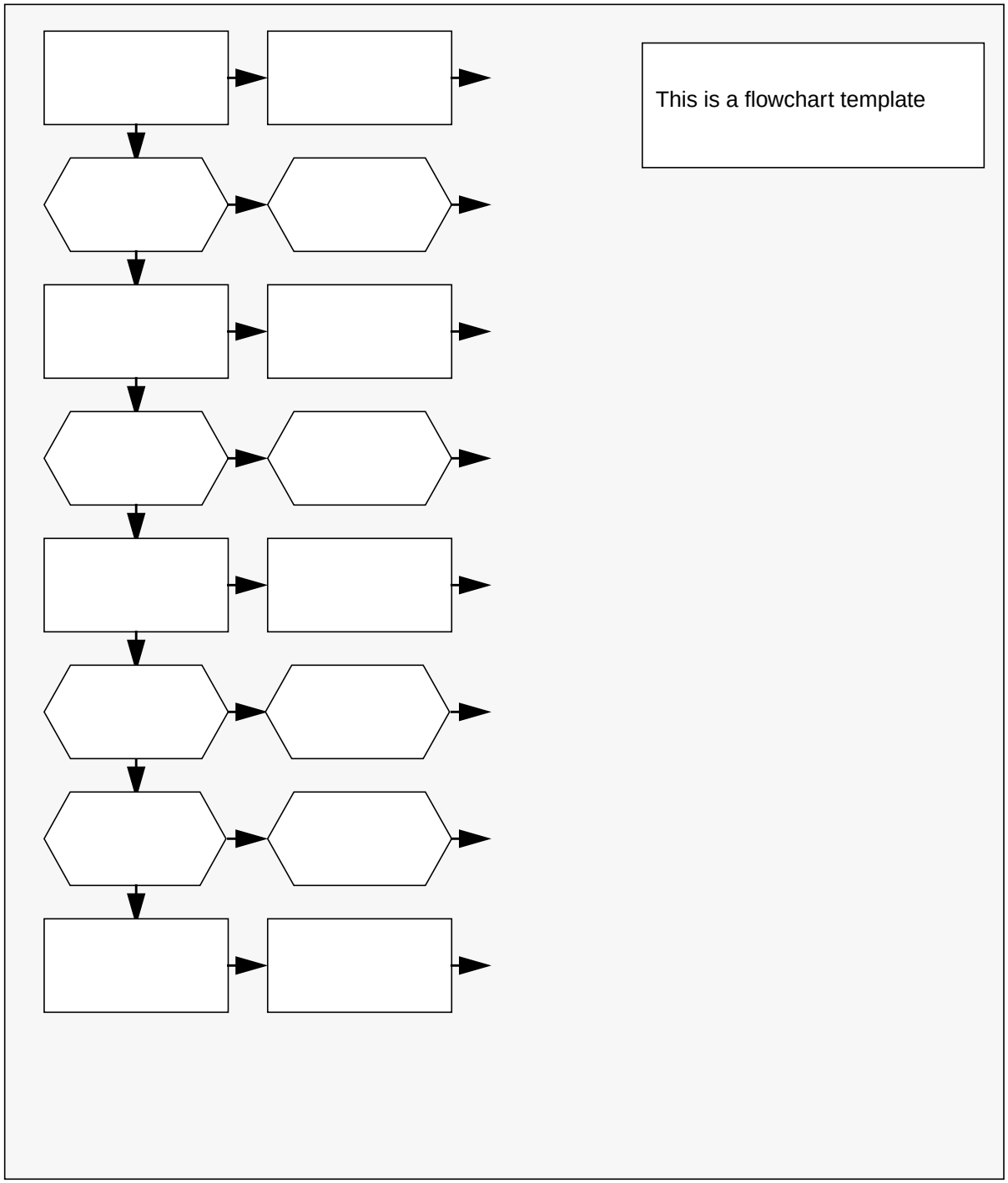


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 17.1.9.

17.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

17.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
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Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

17.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

17.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

17.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

17.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

17.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

17.1.8 OM logic flow

17.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

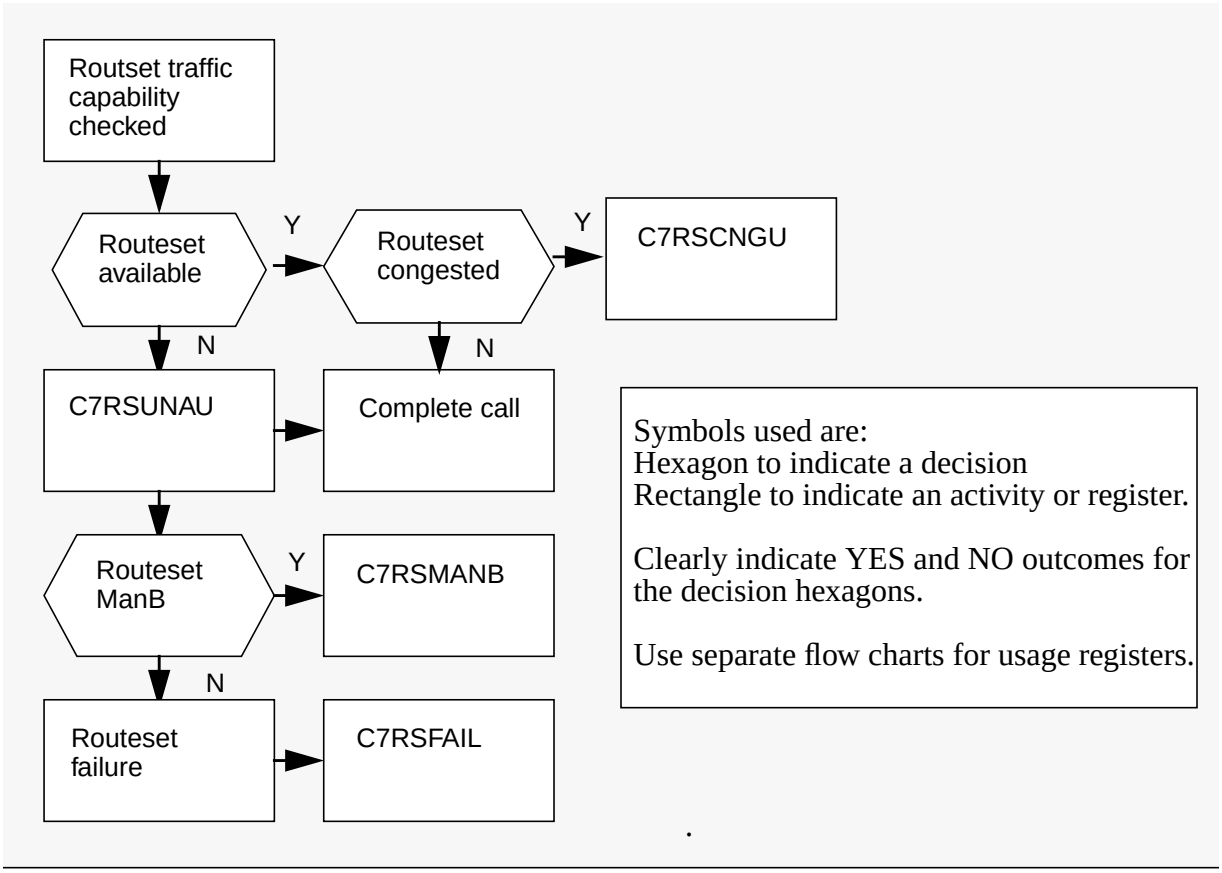
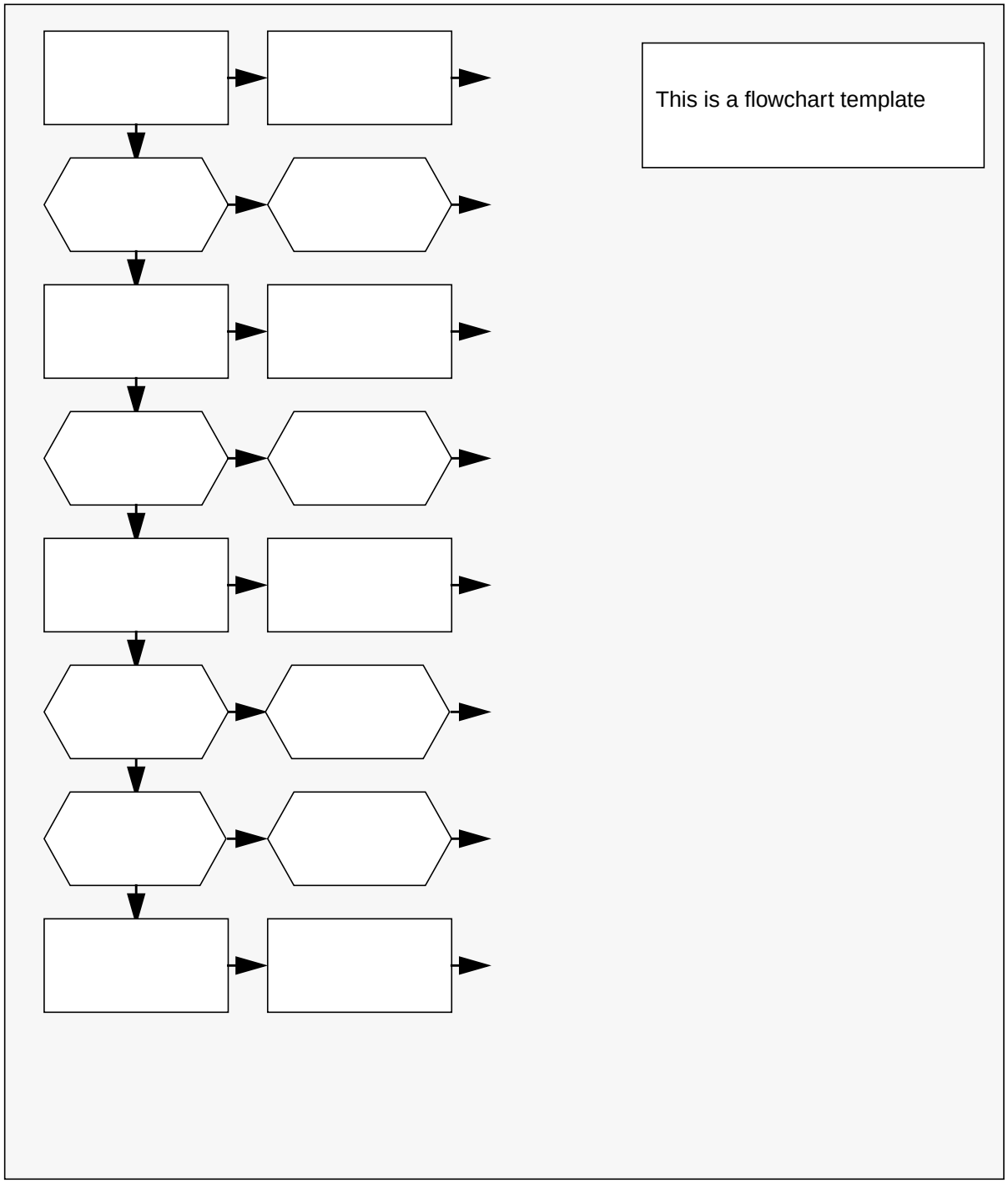


Figure 3 OM group <shortGRPNAME> registers



17.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

17.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

17.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

17.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

17.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

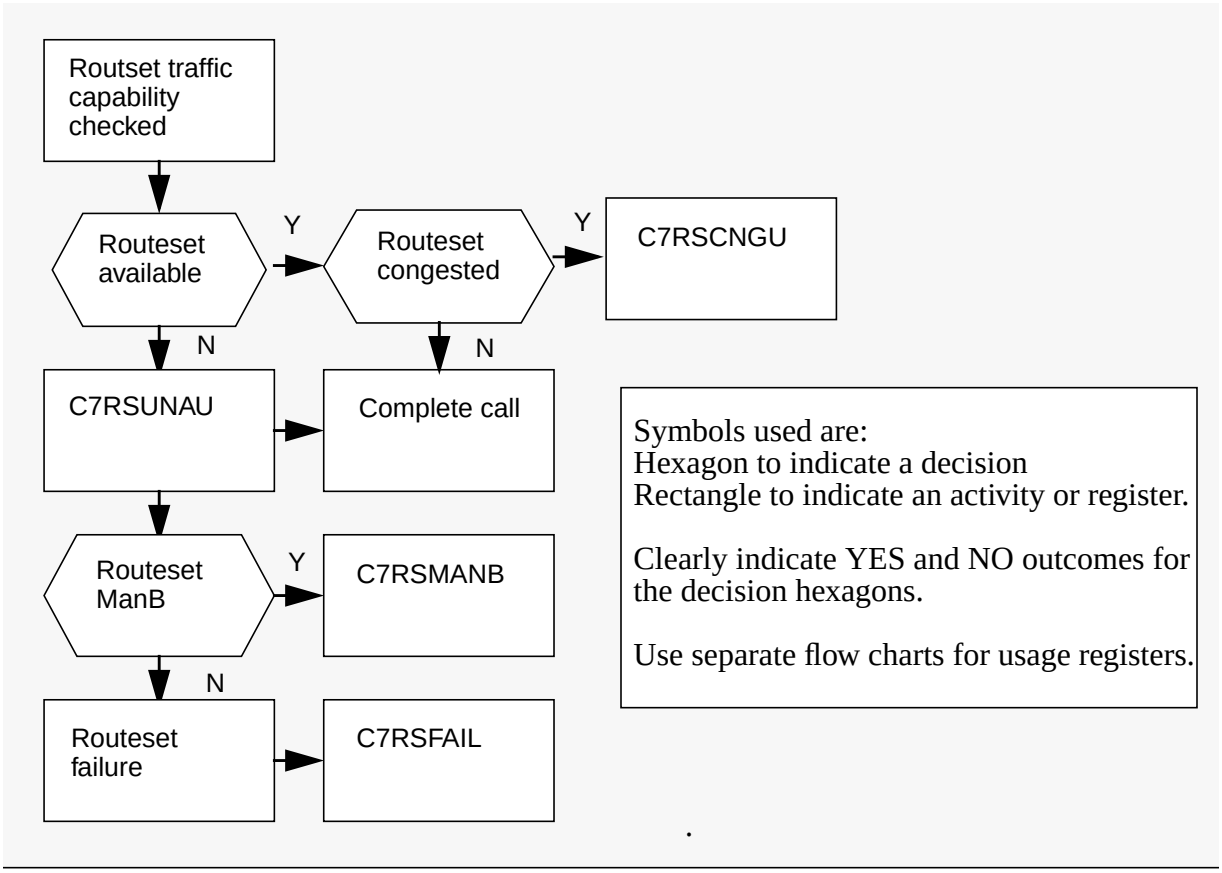
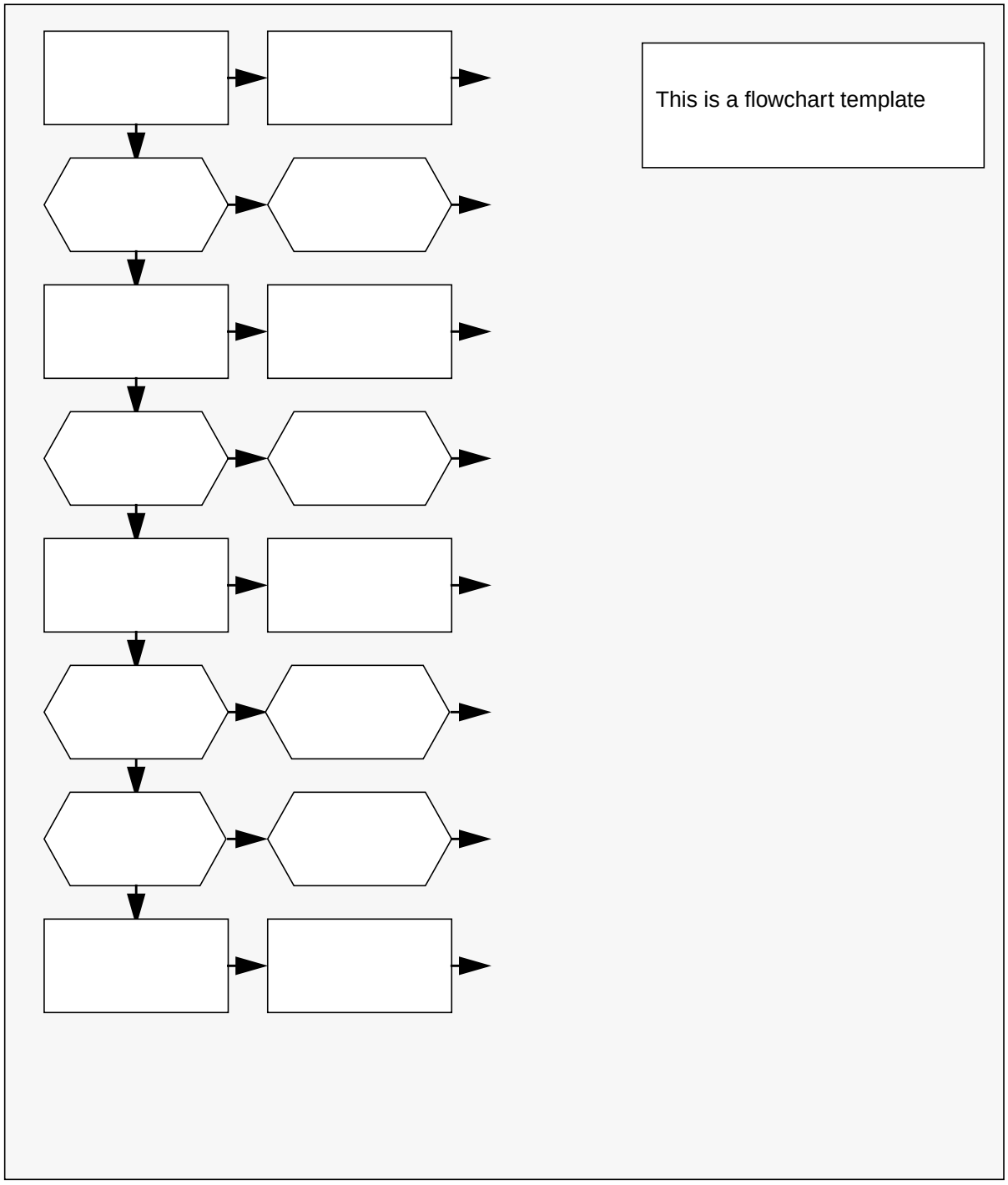


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

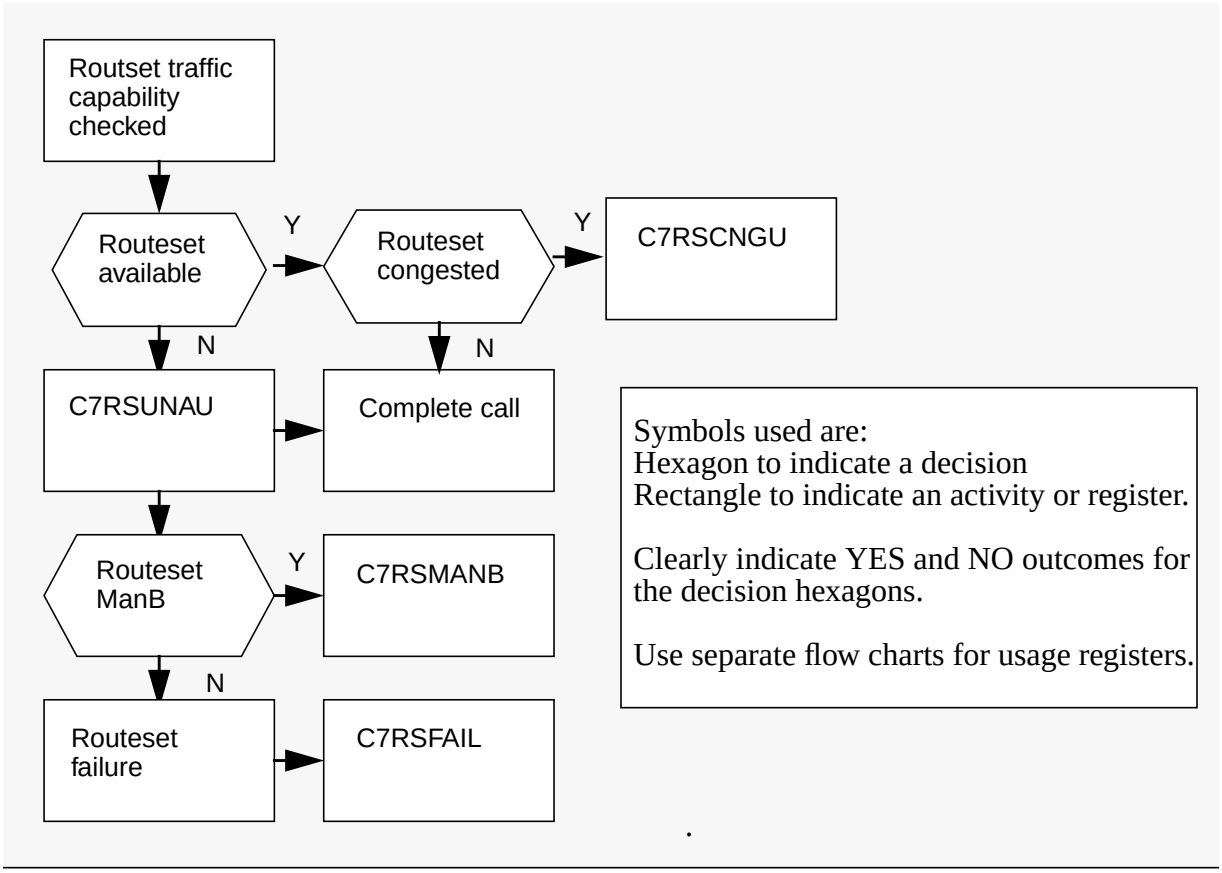
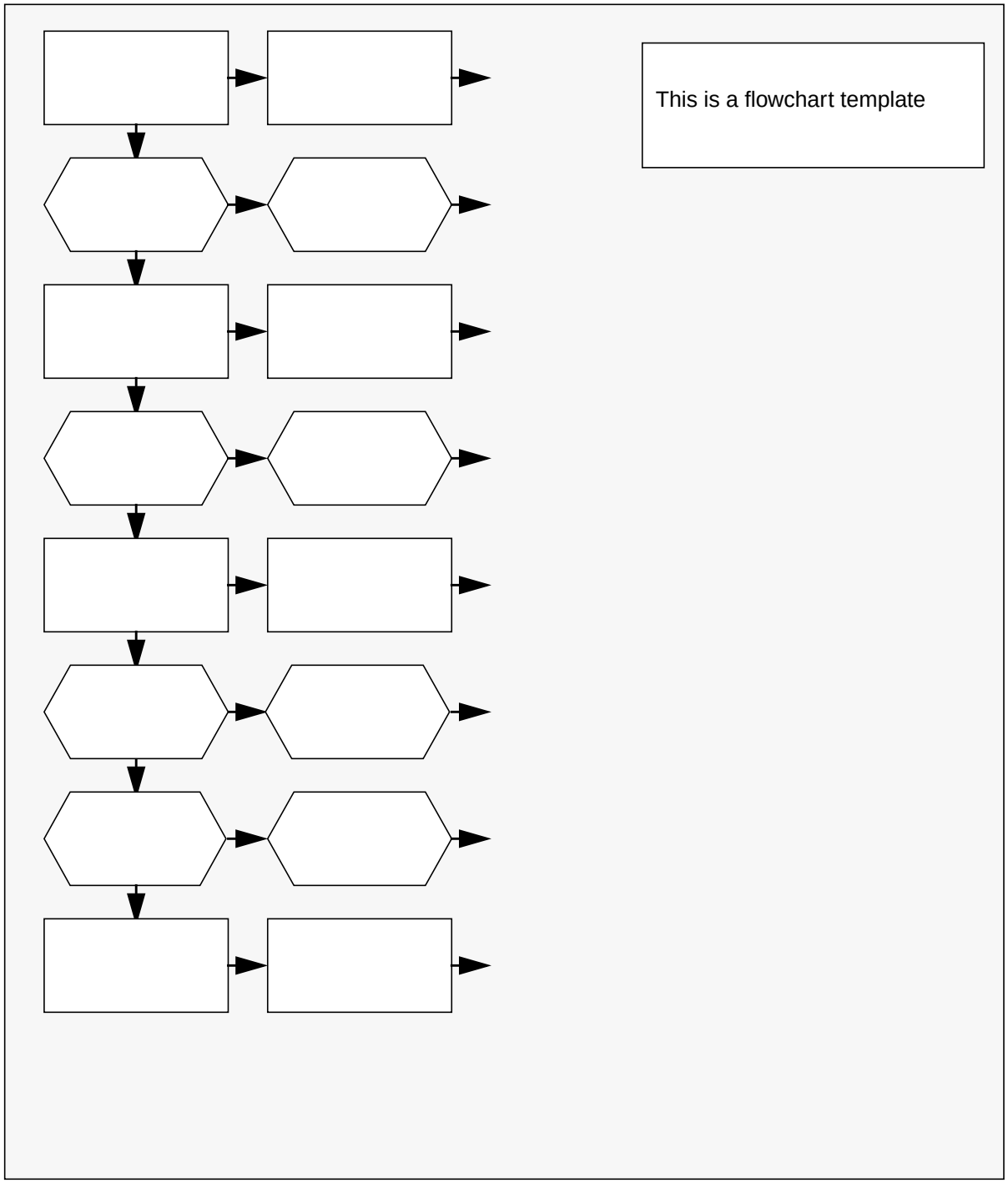


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

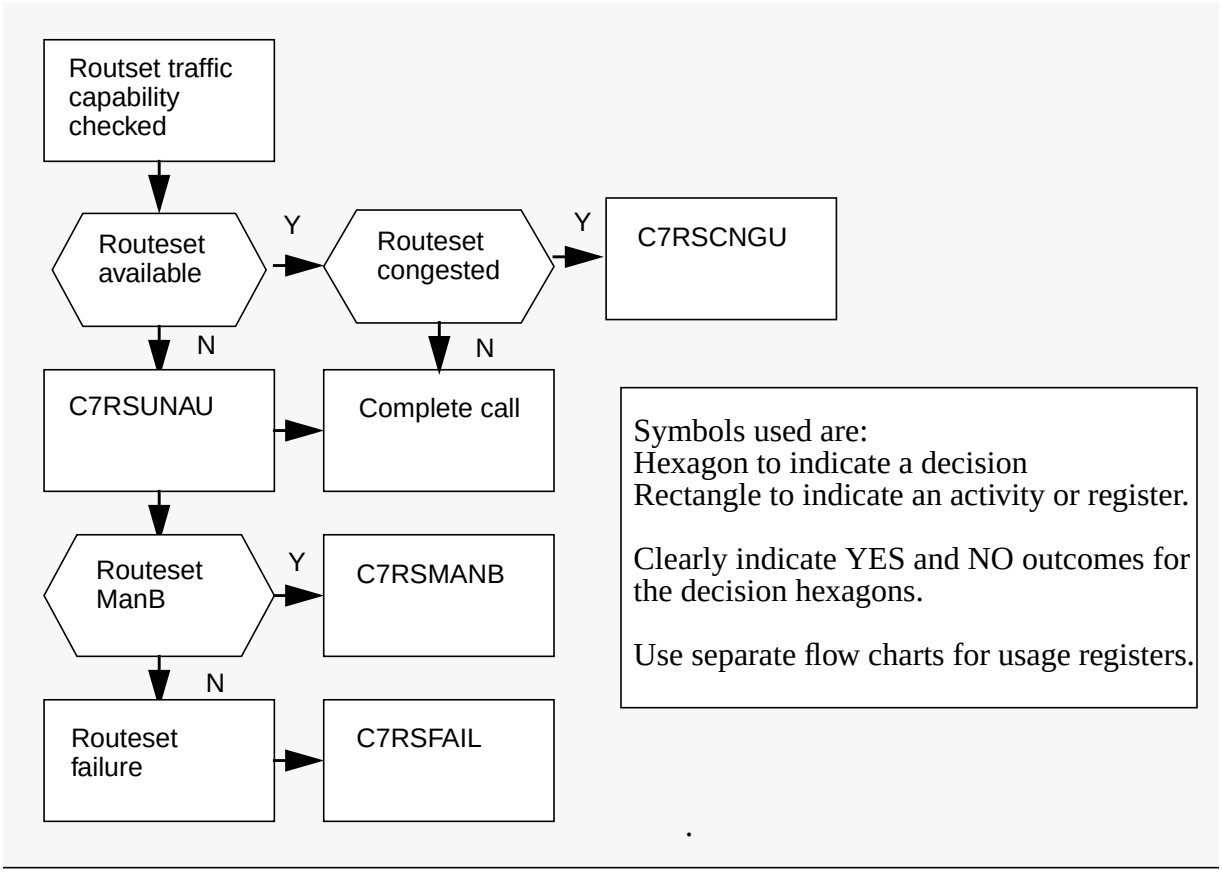
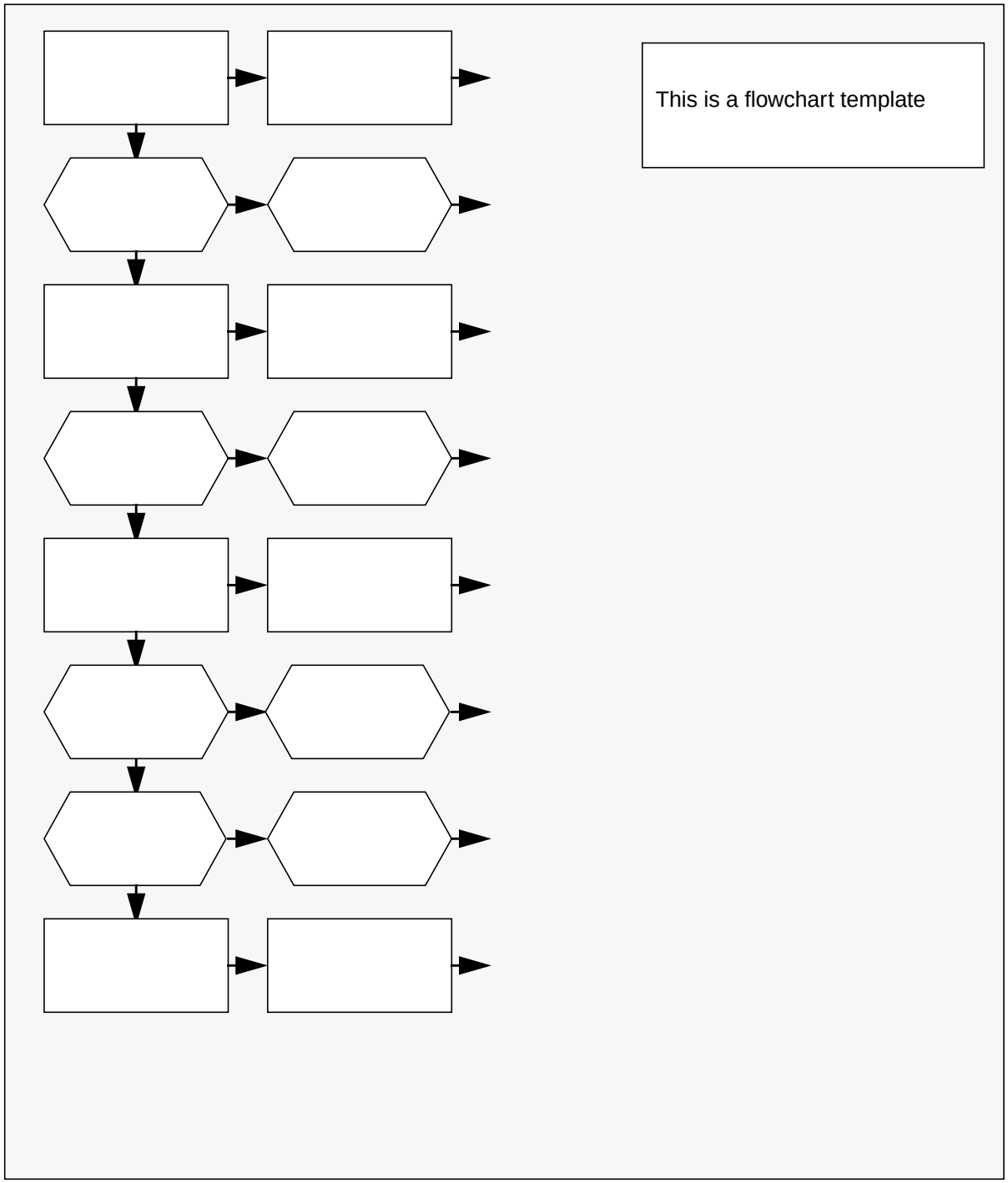


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

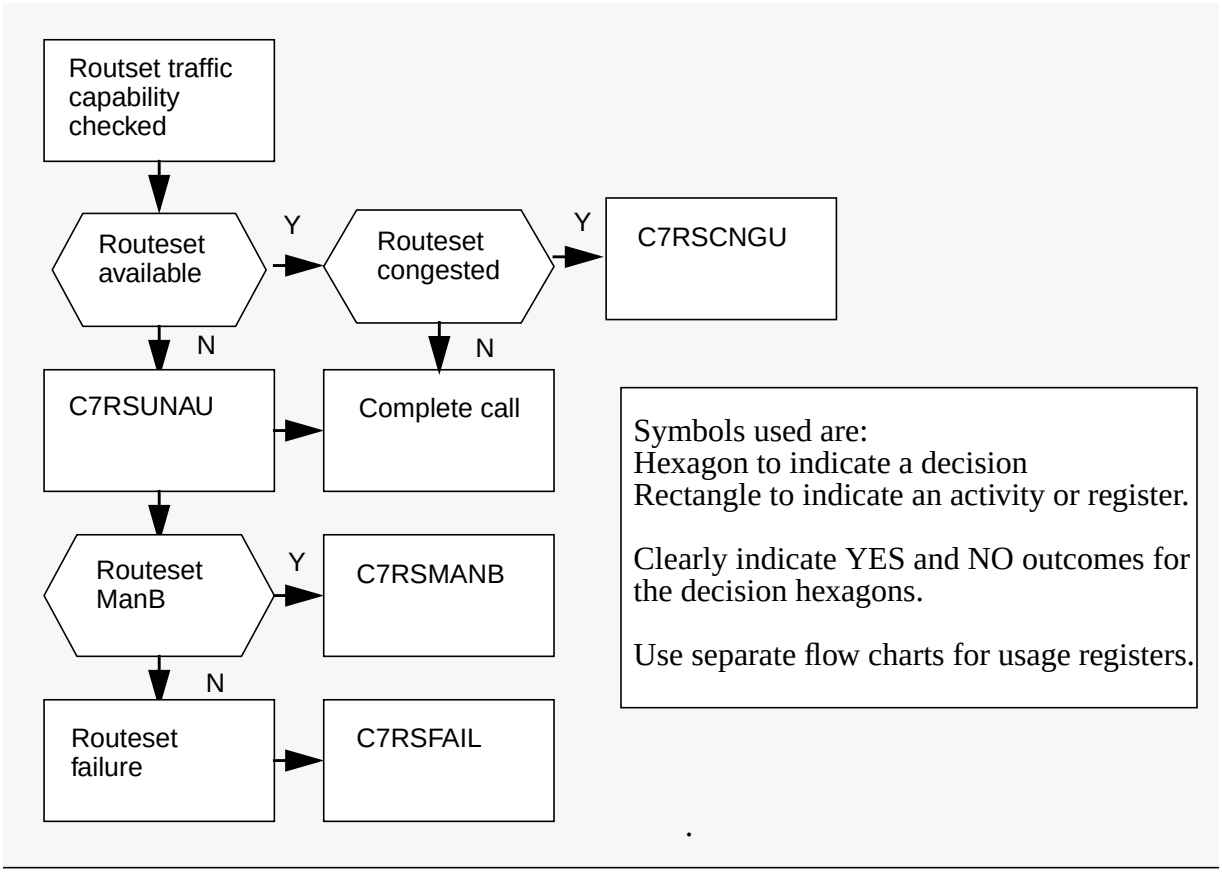
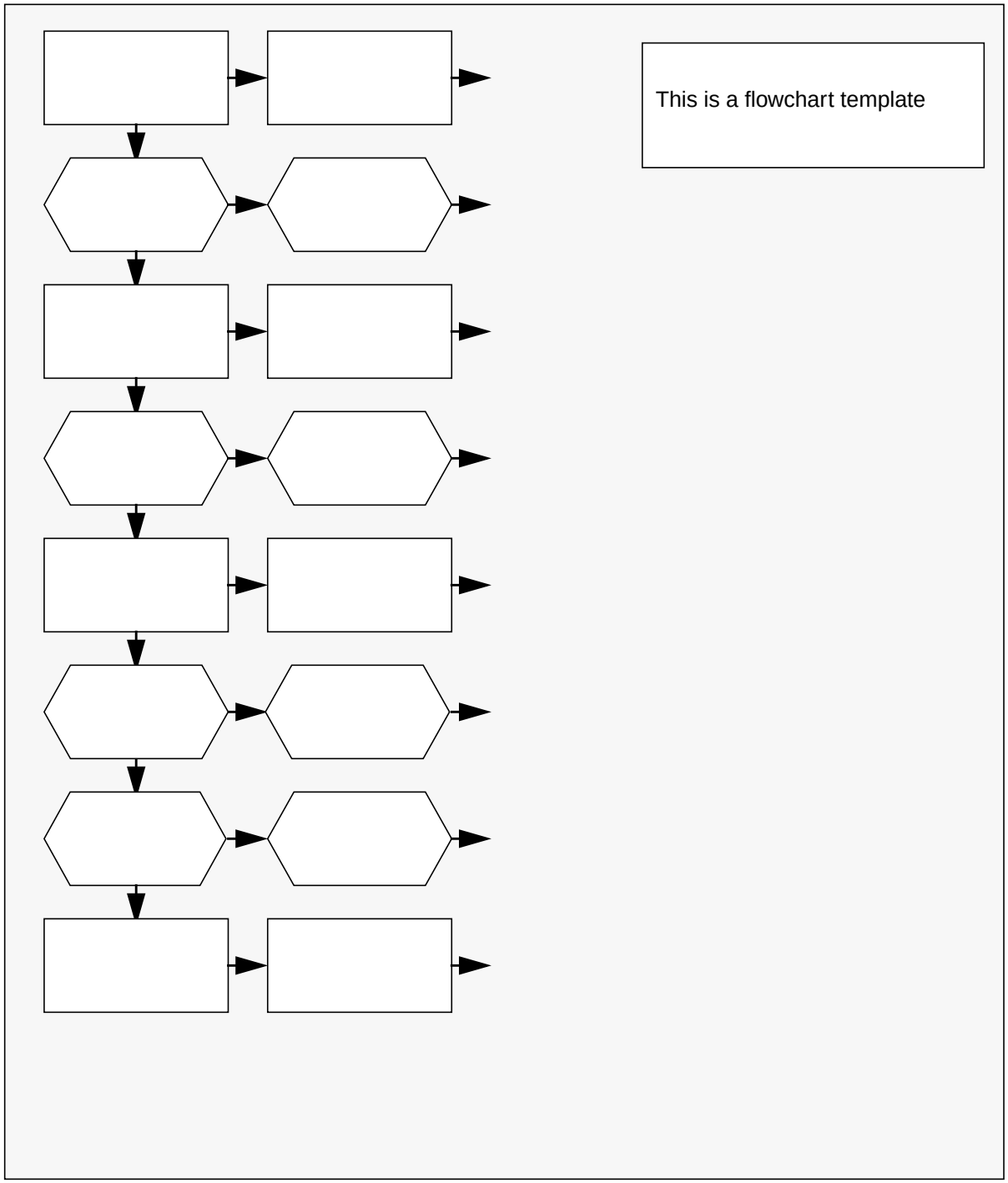


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

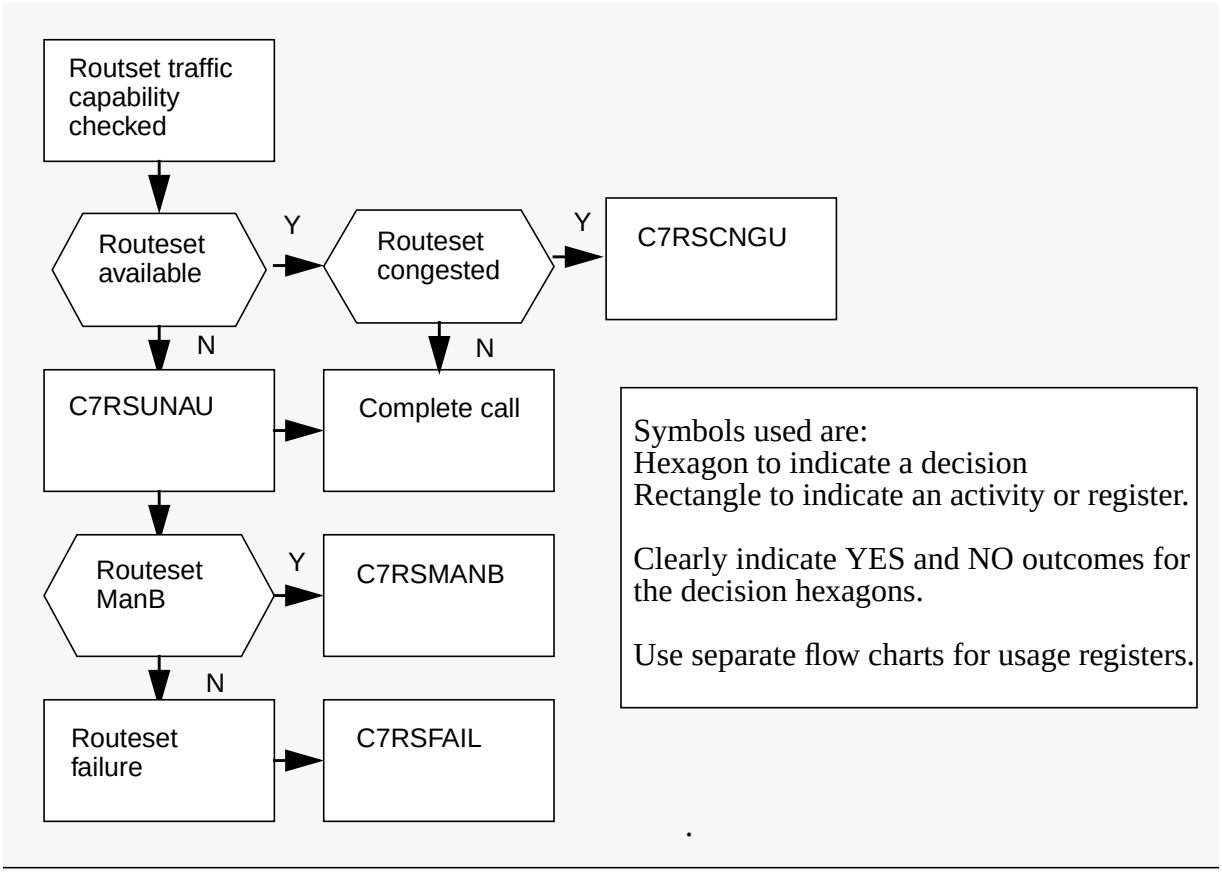
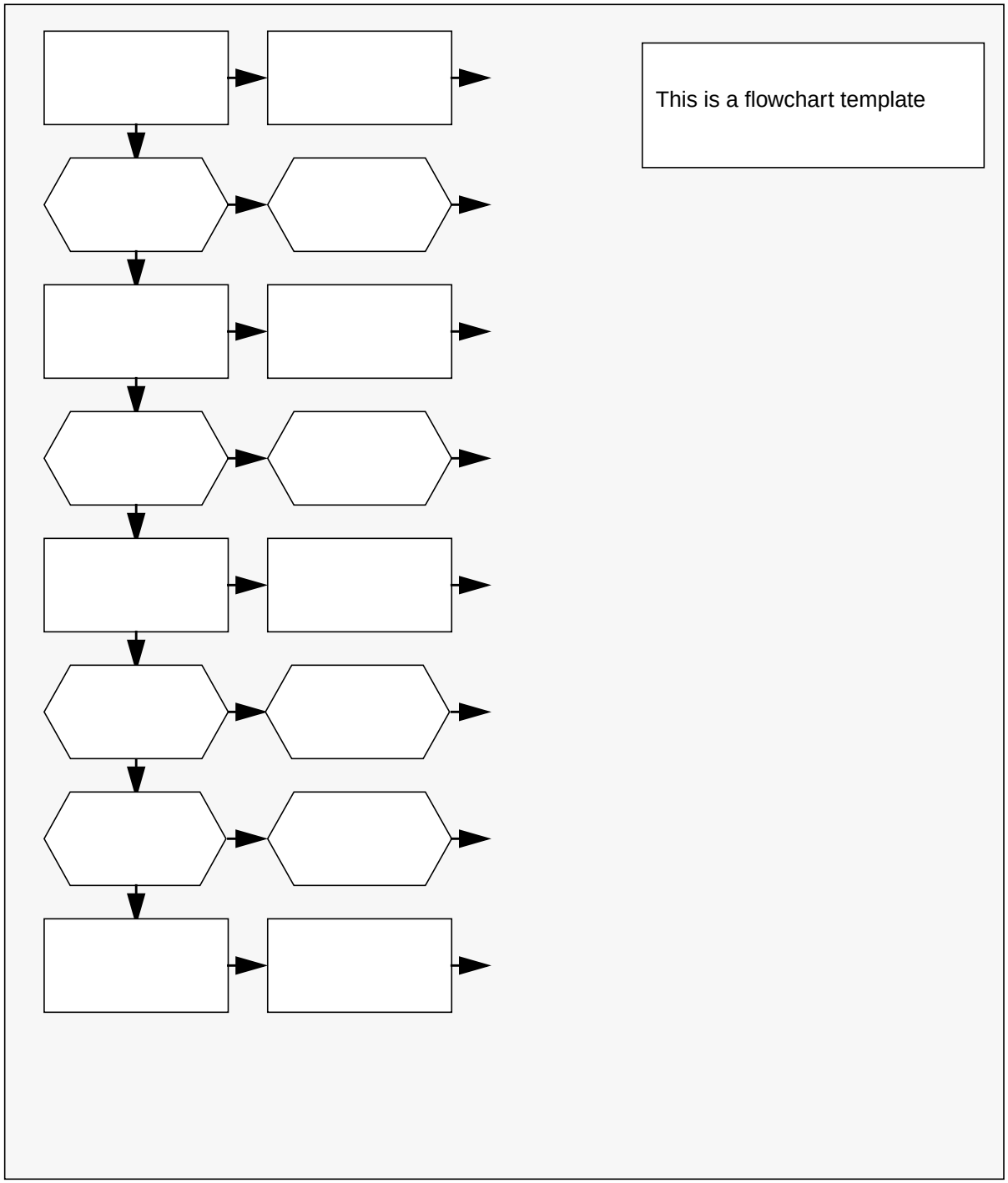


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

15: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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15.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 15.1.9.

15.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

15.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

15.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

15.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

15.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

15.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

15.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

15.1.8 OM logic flow

15.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

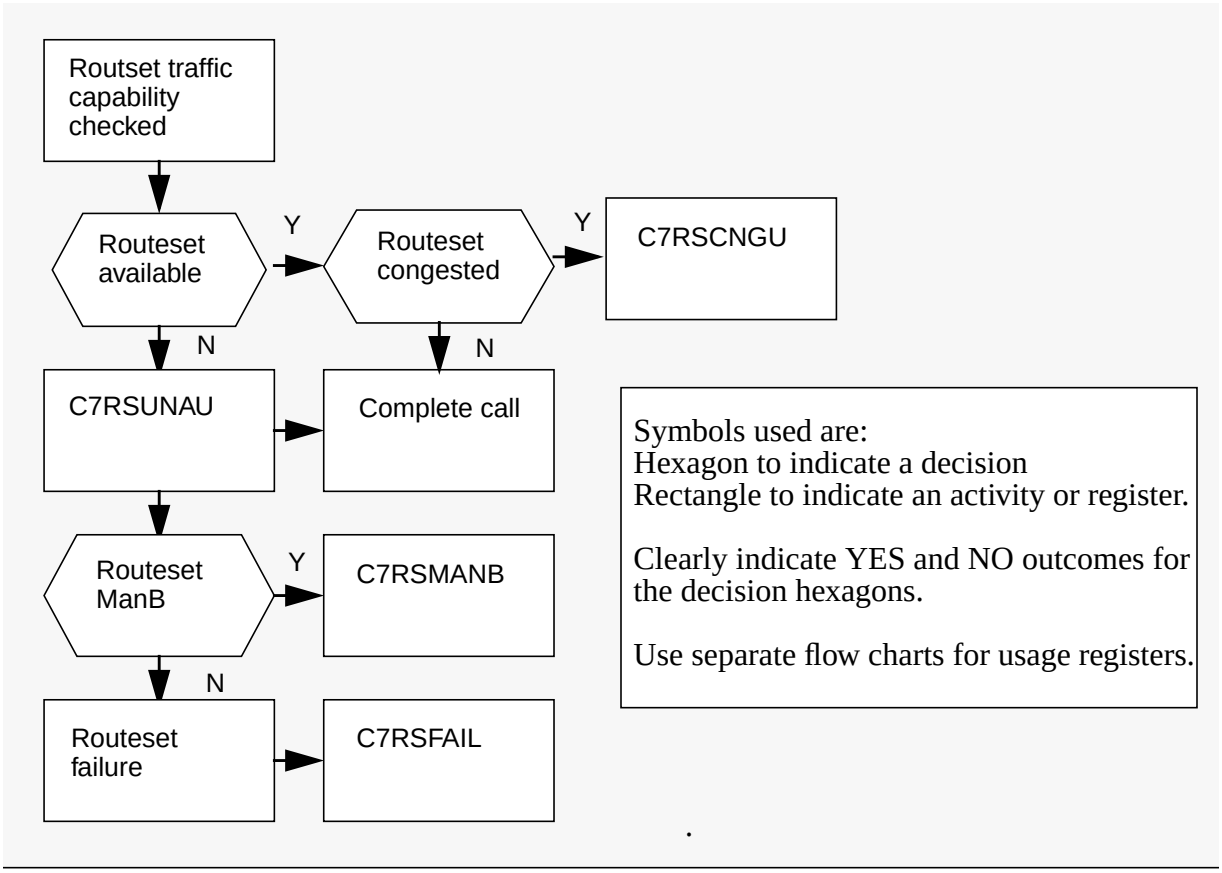
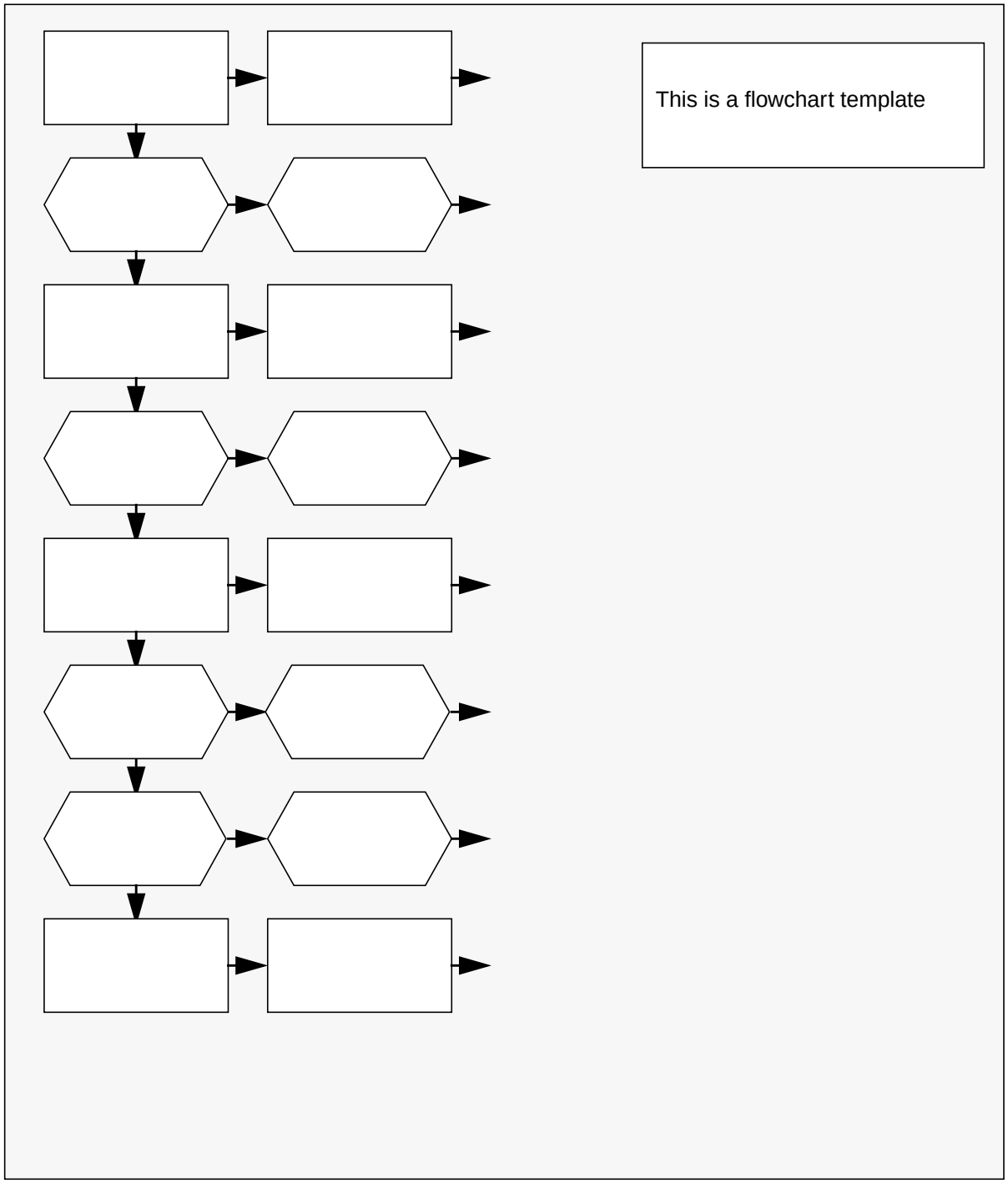


Figure 3 OM group <shortGRPNAME> registers



15.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

15.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

15.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

15.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

15.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

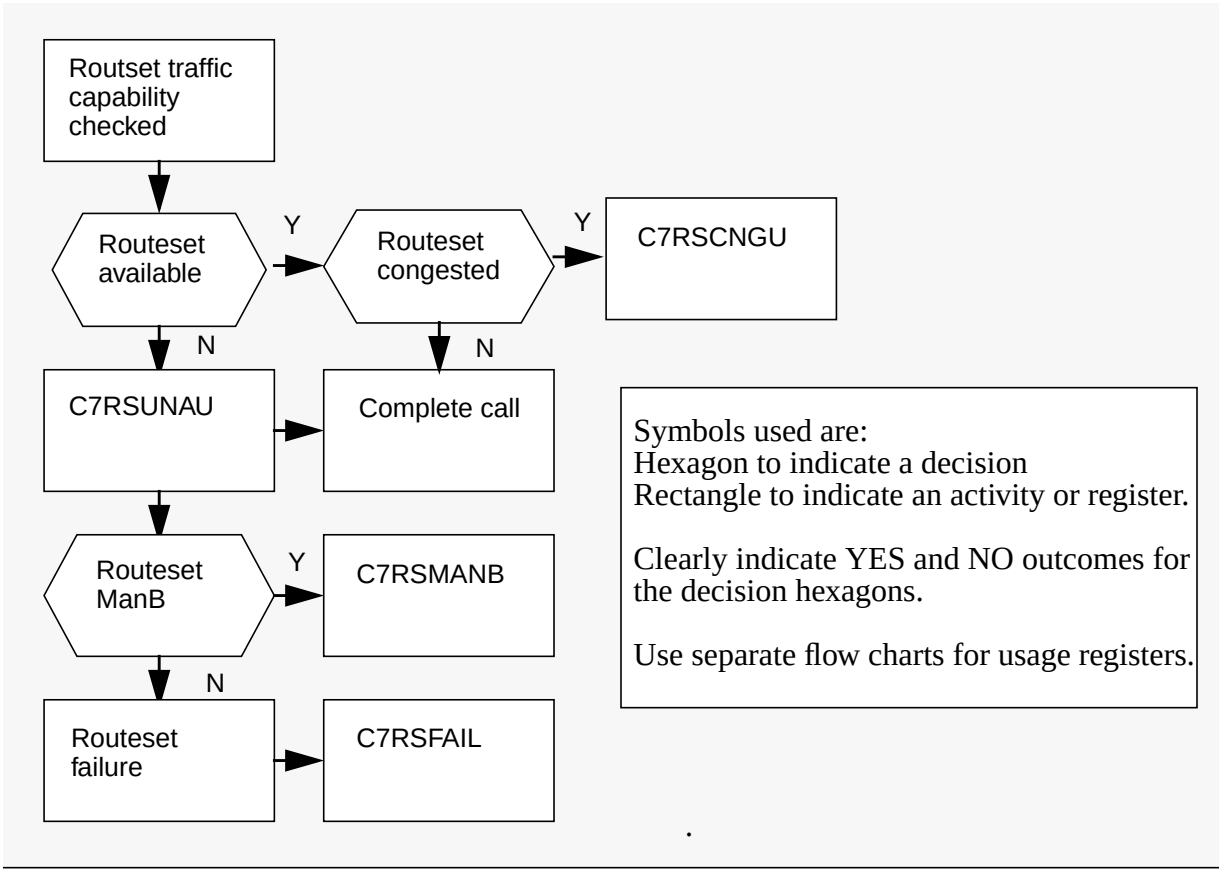
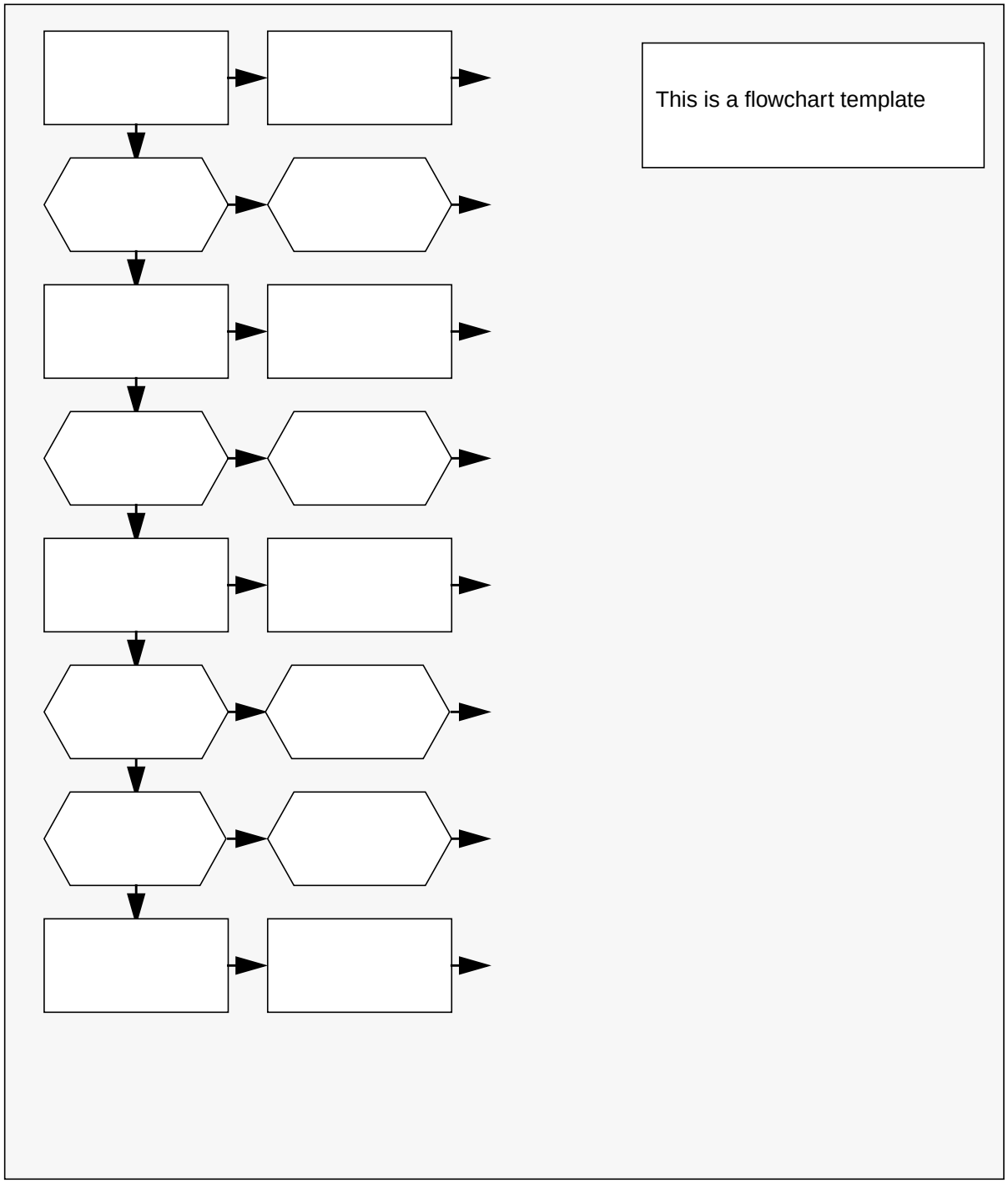


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

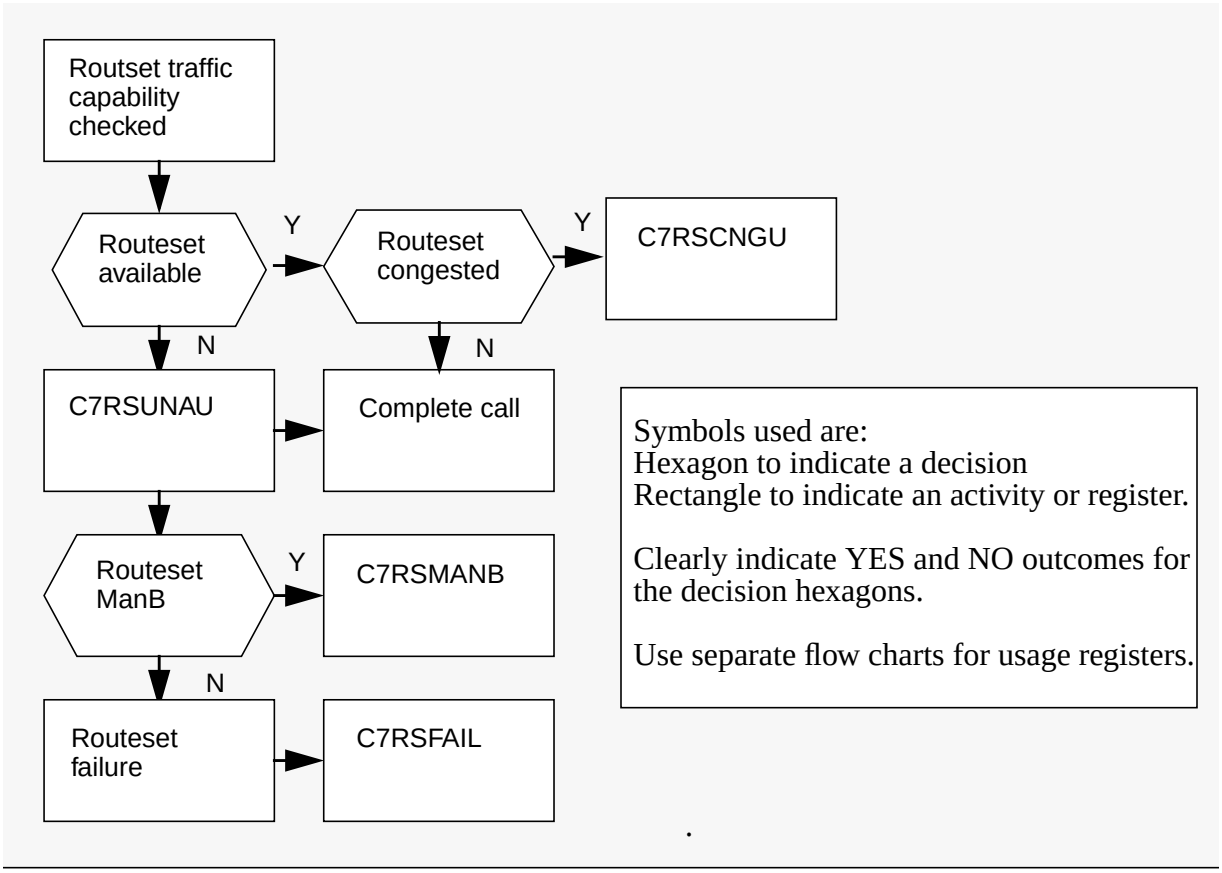
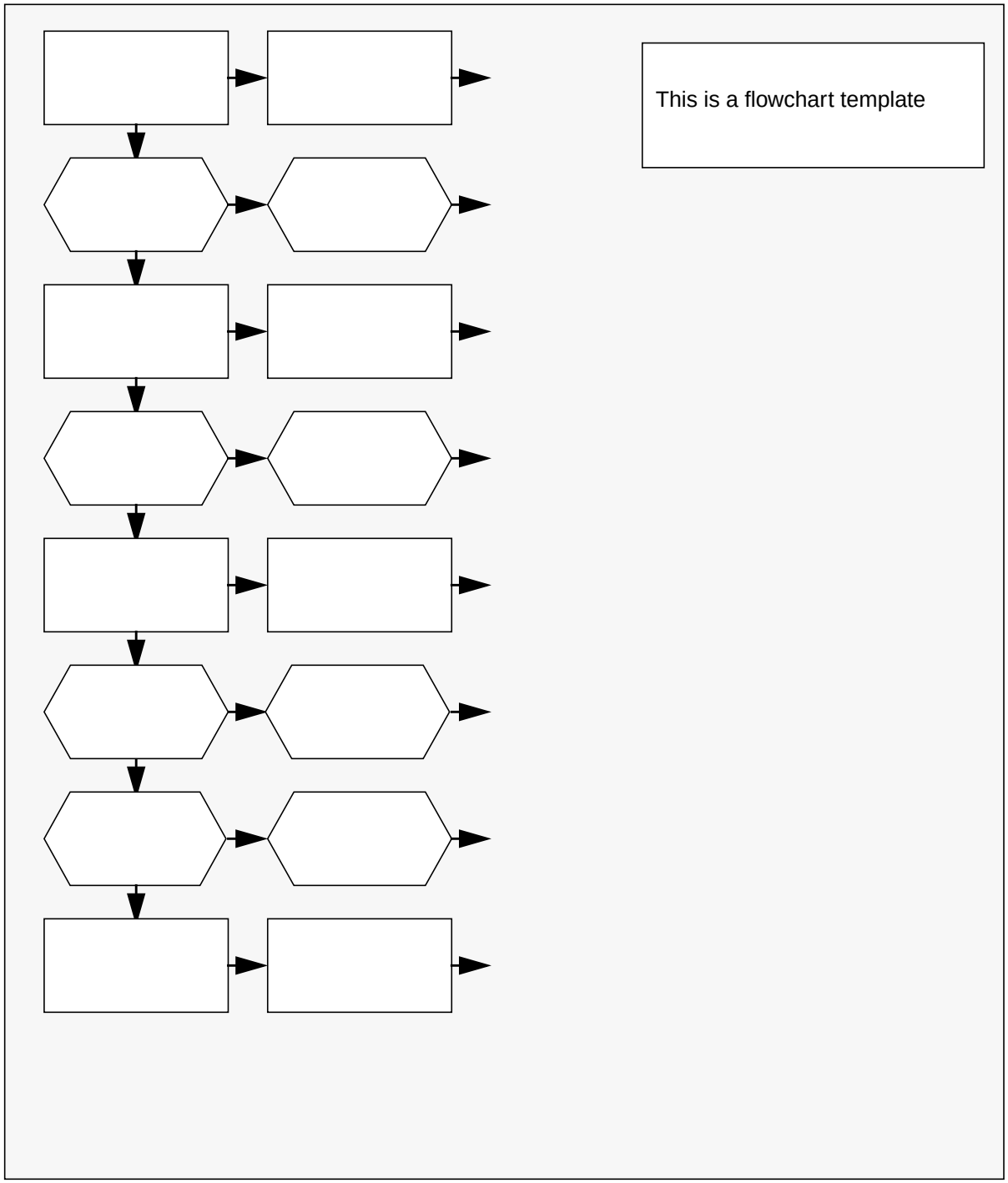


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

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- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

16.1 OM Group

16.1.1 New/modified OM group list

Table 1: New OM group

GROUP NAME (acronym)	GROUP NAME (expanded)	NEW, CHANGED or DELETED	REASON
WC	Who's Calling	NEW	Monitor the Who's calling feature

16.1.2 WC OM description

The Who's calling (WC) OM group provides information on the use of the WC functionality. This group contains 13 registers to measure specific occurrences during a WC session, either in normal or error conditions.

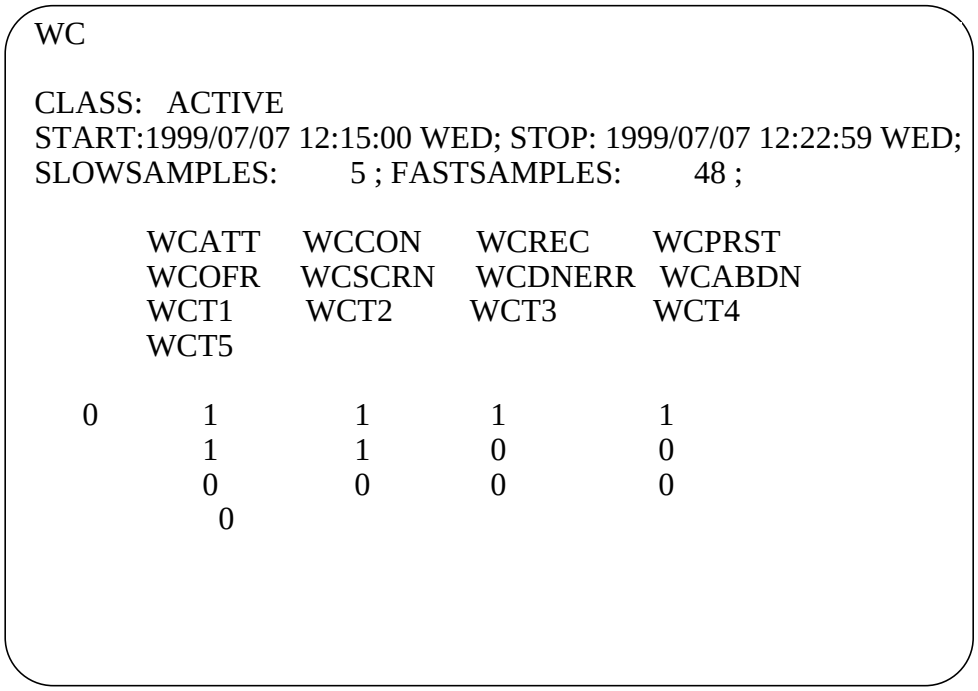
16.1.3 Release history update

NA013 : OM group WC is being introduced.

16.1.4 Registers

OM group WC registers display on the MAP terminal as follows:

Figure 1: OM Group Display



```
WC

CLASS:   ACTIVE
START:1999/07/07 12:15:00 WED; STOP: 1999/07/07 12:22:59 WED;
SLOWSAMPLES:        5 ; FASTSAMPLES:        48 ;

          WCATT    WCCON     WCREC     WCPRST
          WCOFR    WCSCRN    WCDNERR   WCABDN
          WCT1     WCT2      WCT3      WCT4
          WCT5

    0       1          1         1         1
            1          1         0         0
            0          0         0         0
              0
```

16.1.5 Group structure

Key field: None

Info field: None

16.1.6 Associated OM groups

There are no associated OM groups.

16.1.7 Associated functional groups

None

16.1.8 OM logic flow

16.1.8.1 Flow charts: OM group WC registers

The following flowcharts will describe the OM interaction scenarios for three distinct event types: timer events, end-user events and connection events.

Figure 1 OM group WC registers for timer events

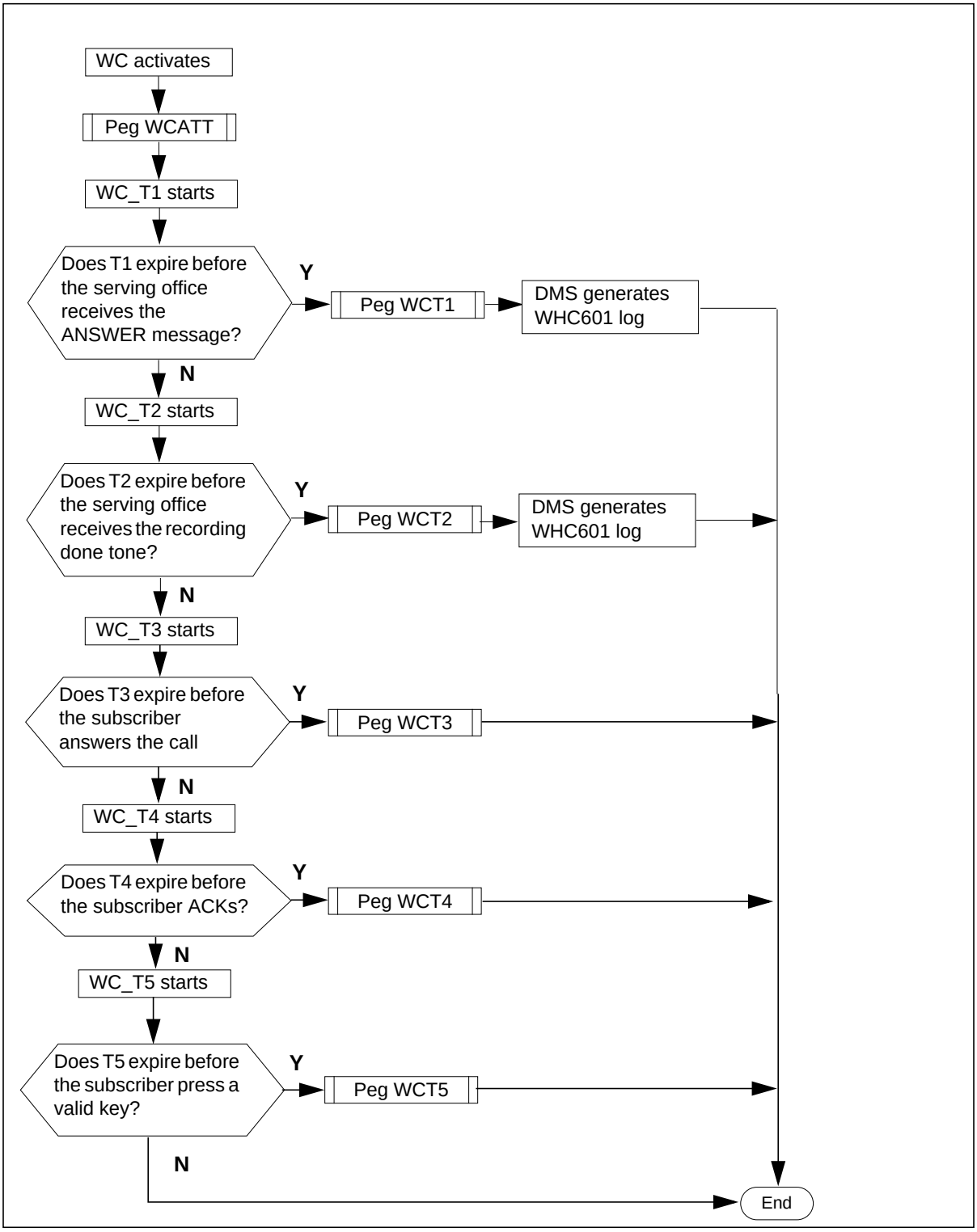


Figure 2 OM group WC registers for end-user events

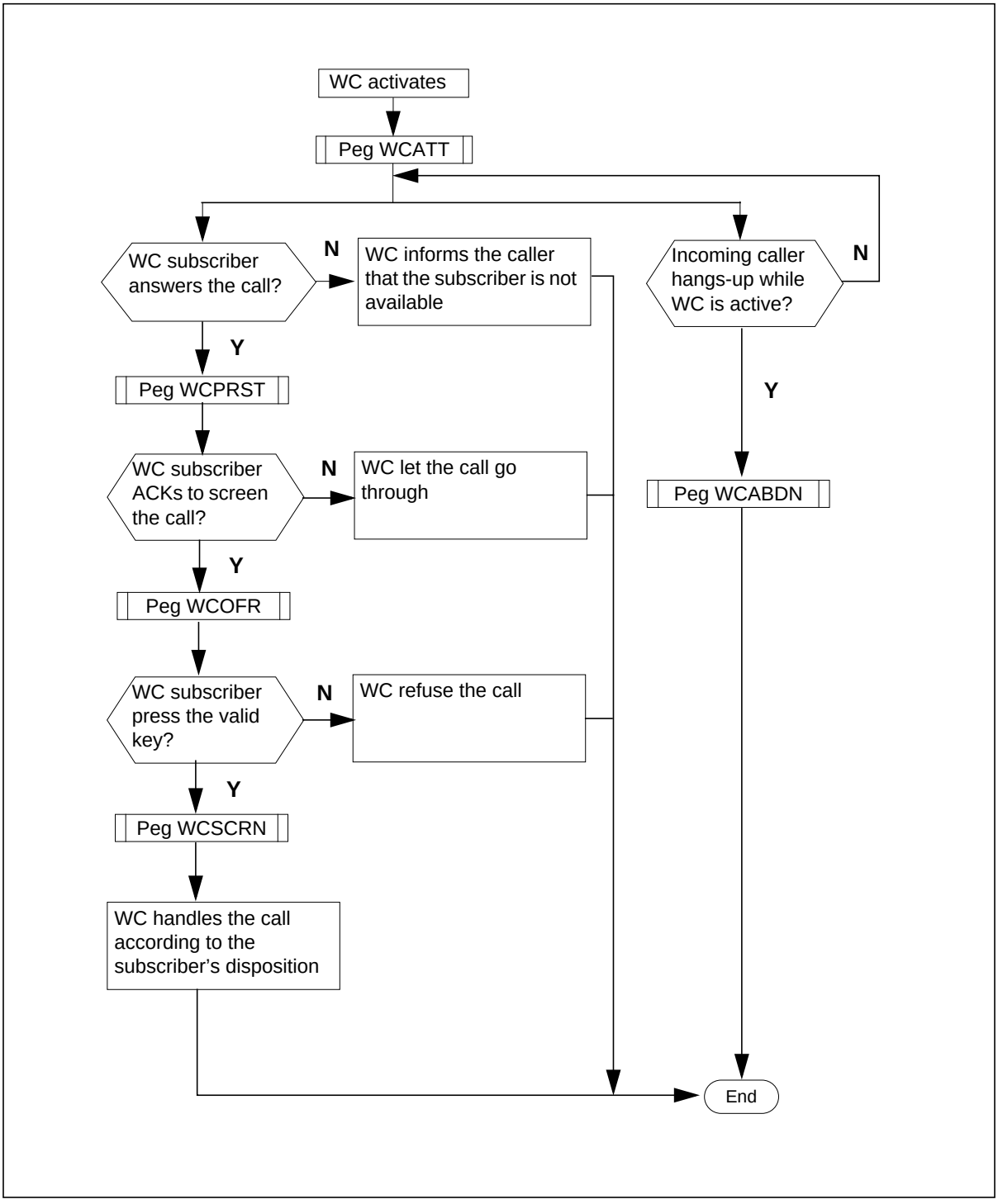
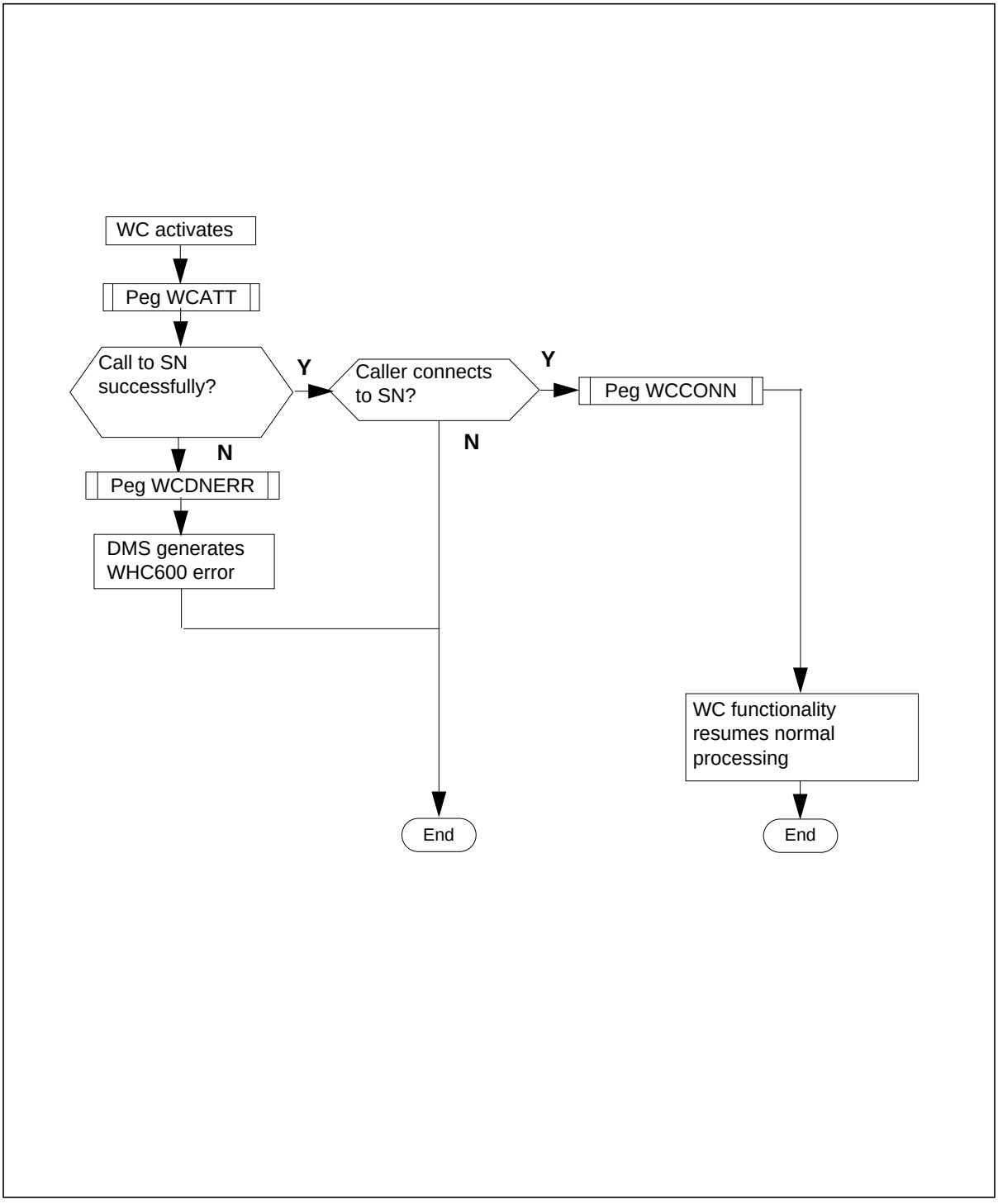


Figure 3 OM group WC registers for connection events



16.1.9 Register name: WCATT

Who's Calling request Attempt is a "Peg" type register. WCATT counts the activation attempts of the WC feature. This register is incremented when an incoming private/unavailable call terminates on a WC subscriber and the WC feature is activated.

16.1.9.1 Register WCATT release history update

Register WCATT is being introduced in NA013.

16.1.9.2 Associated registers

None

16.1.9.3 Associated logs

None

16.1.10 Register name: WCCON

Who's Calling Connected to SN is a "Peg" type register. This register is incremented when an incoming private/unavailable call is intercepted to an SN and the connection is established.

16.1.10.1 Register WCCON release history update

Register WCCON is being introduced in NA013.

16.1.10.2 Associated registers

None

16.1.10.3 Associated logs

None

16.1.11 Register name: WCREC

Who's Calling name Recorded is a "Peg" type register. This register is incremented when the SN finishes recording the name from the calling party.

16.1.11.1 Register WCREC release history update

Register WCREC is being introduced in NA013.

16.1.11.2 Associated registers

None

16.1.11.3 Associated logs

None

16.1.12 Register name: WCPRST

Who's Calling to Present recorded name is a "Peg" type register. This register is incremented when the WC subscriber answers the call from the DMS which will present the recorded name to the subscriber.

16.1.12.1 Register WCPRST release history update

Register WCPRST is being introduced in NA013.

16.1.12.2 Associated registers

None

16.1.12.3 Associated logs

None

16.1.13 Register name: WCOFR

Who's Calling to Offer dispositions is a "Peg" type register. This register is incremented when the WC subscriber agrees to screen the incoming call by pressing any key as an acknowledgement.

16.1.13.1 Register WCOFR release history update

Register WCOFR is being introduced in NA013.

16.1.13.2 Associated registers

None

16.1.13.3 Associated logs

None

16.1.14 Register name: WCSRCN

Who's Calling screened the call is a "Peg" type register. This register is incremented when the WC subscriber screens the call by pressing a valid key.

16.1.14.1 Register WCSRCN release history update

Register WCSRCN is being introduced in NA013.

16.1.14.2 Associated registers

None

16.1.14.3 Associated logs

None

16.1.15 Register name: WCDNERR

Who's Calling routing DN Error is a "Peg" type register. This register is incremented when a call to the SN can not be routed.

16.1.15.1 Register WCDNERR release history update

Register WCDNERR is being introduced in NA013.

16.1.15.2 Associated registers

None

16.1.15.3 Associated logs

WHC600 and WHC601 (Refer to the LG section of the DDOC)

16.1.16 Register name: WCABDN

Who's Calling Abandon is a "Peg" type register. This register is incremented when the calling party hangs up after the WC feature has started but before the call is screened.

16.1.16.1 Register WCABDN release history update

Register WCABDN is being introduced in NA013.

16.1.16.2 Associated registers

None

16.1.16.3 Associated logs

None

16.1.17 Register name: WCT1

Who’s Calling timer T1 is a “Peg” type register. This register is incremented when the WC timer T1 expires.

16.1.17.1 Register WCT1 release history update

Register WCT1 is being introduced in NA013.

16.1.17.2 Associated registers

None

16.1.17.3 Associated logs

WHC601(Refer to LG section of the DDOC)

16.1.18 Register name: WCT2

Who’s Calling timer T2 is a “Peg” type register. This register is incremented when the WC timer T2 expires.

16.1.18.1 Register WCT2 release history update

Register WCT2 is being introduced in NA013.

16.1.18.2 Associated registers

None

16.1.18.3 Associated logs

WHC601 (Refer to LG section of the DDOC)

16.1.19 Register name: WCT3

Who’s Calling timer T3 is a “Peg” type register. This register is incremented when the WC timer T3 expires.

16.1.19.1 Register WCT3 release history update

Register WCT3 is being introduced in NA013.

16.1.19.2 Associated registers

None

16.1.19.3 Associated logs

None

16.1.20 Register name: WCT4

Who's Calling timer T4 is a "Peg" type register. This register is incremented when the WC timer T4 expires.

16.1.20.1 Register WCT4 release history update

Register WCT4 is being introduced in NA013.

16.1.20.2 Associated registers

None

16.1.20.3 Associated logs

None

16.1.21 Register name: WCT5

Who's Calling timer T5 is a "Peg" type register. This register is incremented when the WC timer T5 expires.

16.1.21.1 Register WCT5 release history update

Register WCT5 is being introduced in NA013.

16.1.21.2 Associated registers

None

16.1.21.3 Associated logs

None

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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Template instructions: Do not include this section in the DDOC if OMs are not being changed.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

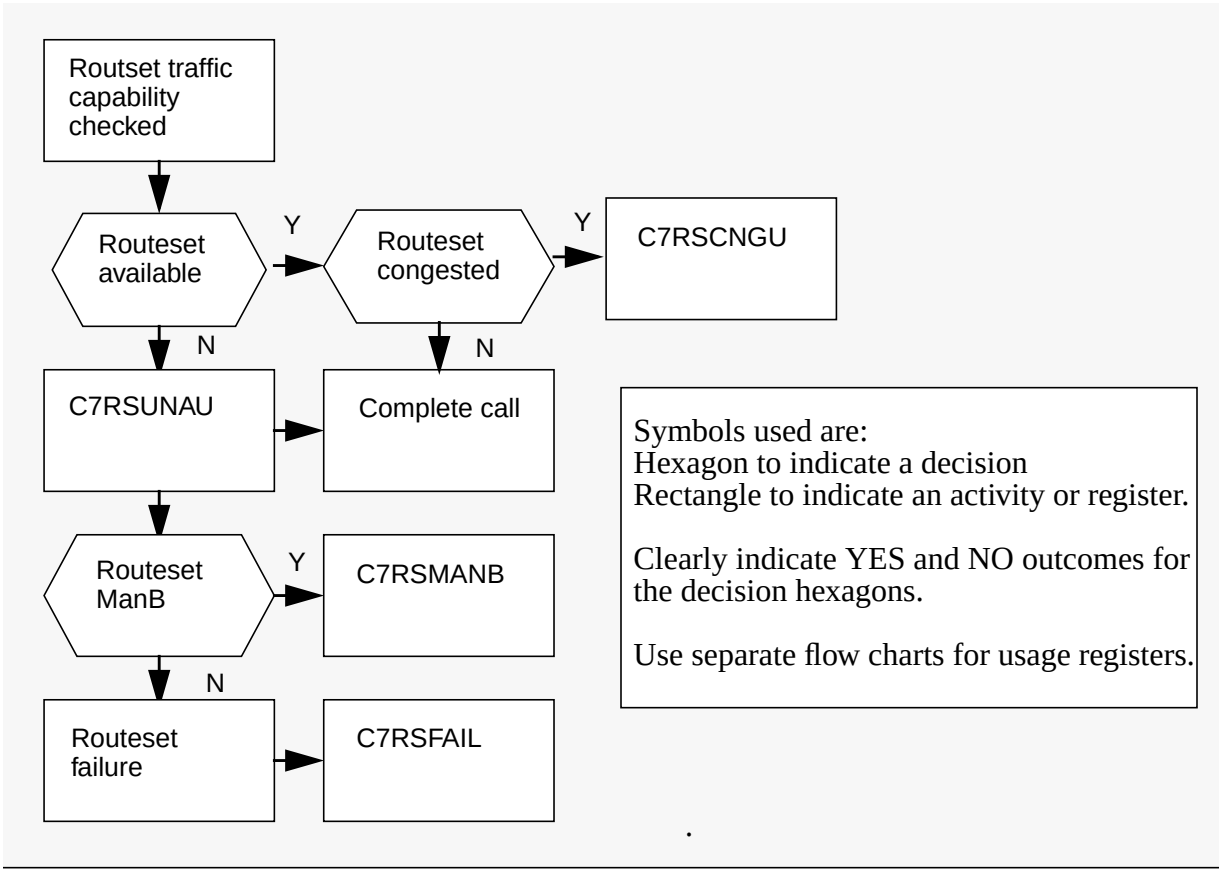
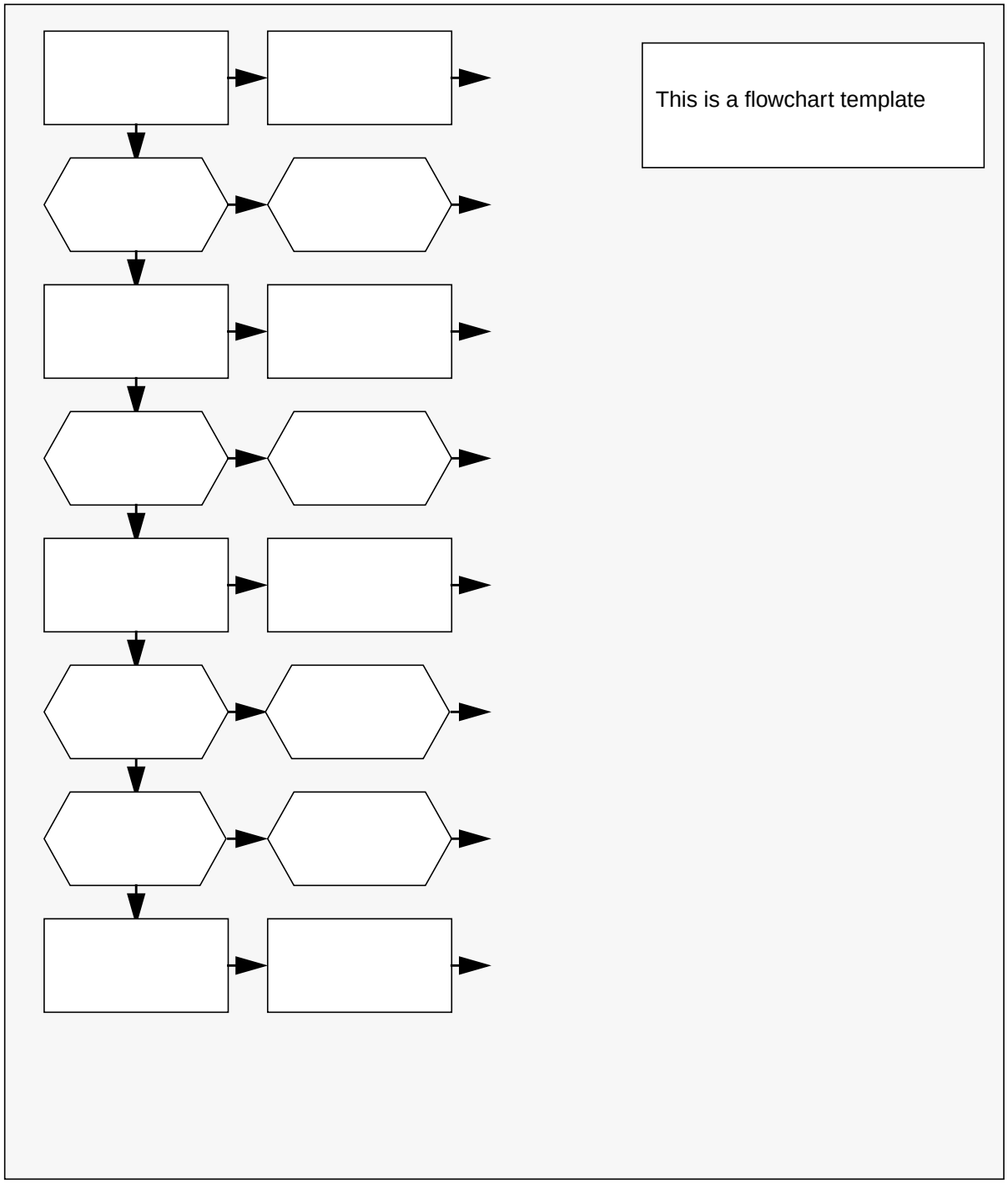


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
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OM group <shortGRPNAME> registers display on the MAP terminal as follows:

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List the registers in this OM group as they will appear on the MAP terminal.
For example:
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C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
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Key field: <KField><description>

Info field: <IField><description>

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OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

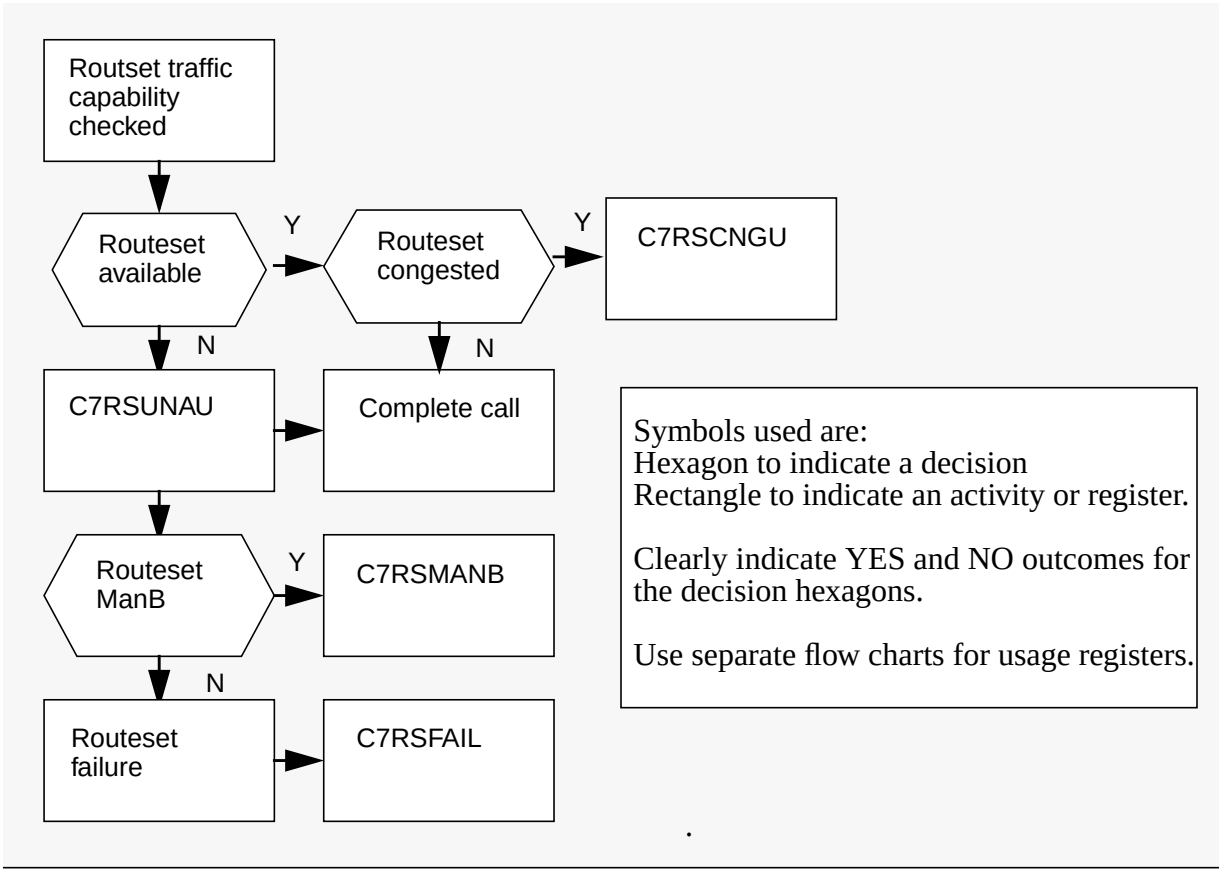
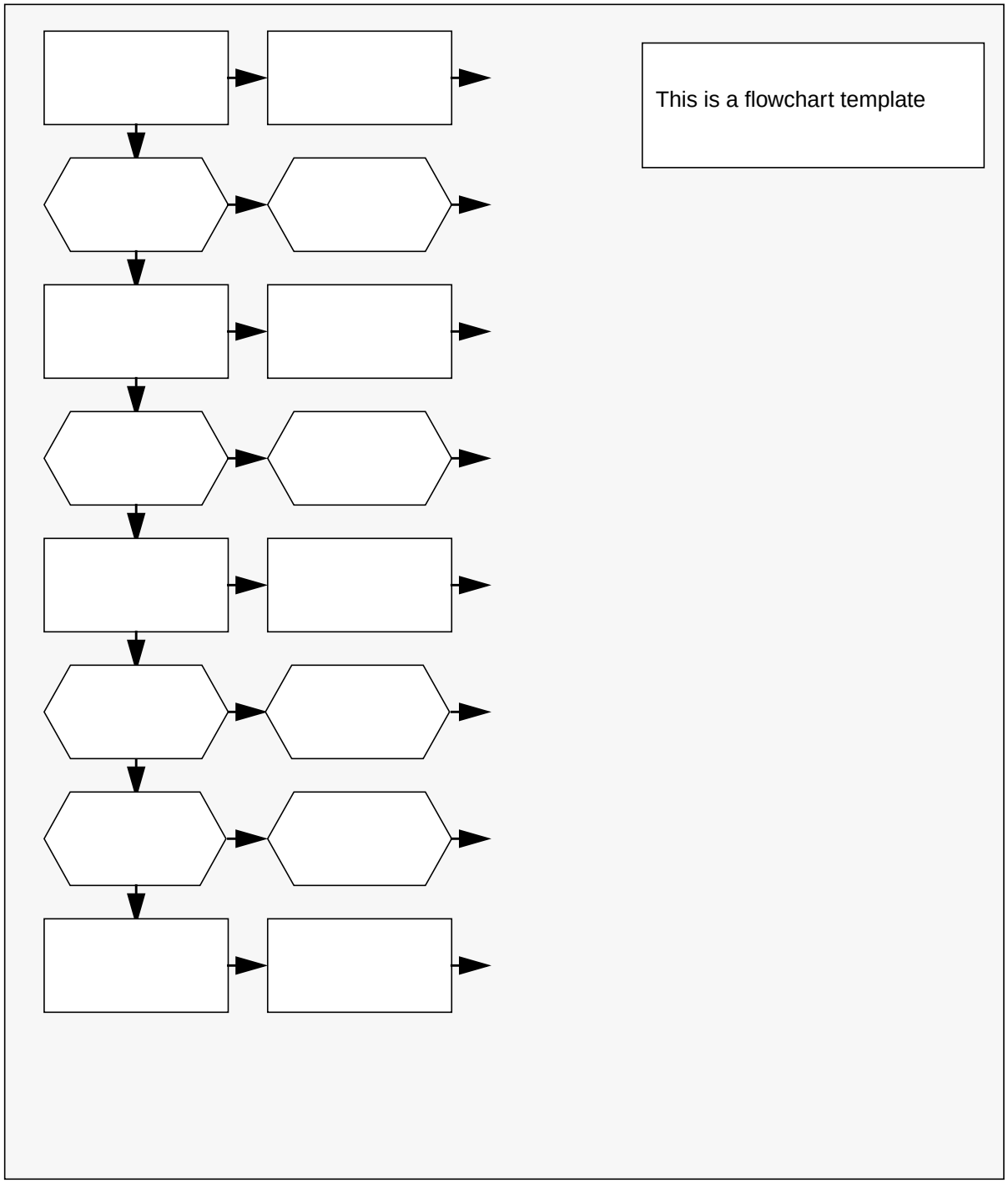


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

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Expand the short register name and describe what the register counts and its type.

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Register <long name>

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C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Purpose: This feature does not add new OM registers or change the existing ones.

16.1 lGroup <short name>

N/A

16.1.1 OM description

N/A

16.1.2 Release history update

N/A

16.1.3 Registers

N/A

16.1.4 Group structure

N/A

16.1.5 Associated OM groups

N/A

16.1.6 Associated functional groups

N/A

16.1.7 Associated functionality codes

N/A

16.1.8 OM logic flow

N/A

16.1.9 Register <short name>

N/A

16.1.9.1 Register description

N/A

16.1.9.2 Register <short name> release history update

N/A

16.1.9.3 Associated registers

N/A

16.1.9.4 Associated logs

N/A

16: Operational measurement changes (OM)

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Example: OM group C7RTSET

CCS7 routset

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16.1.4 Group structure

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Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

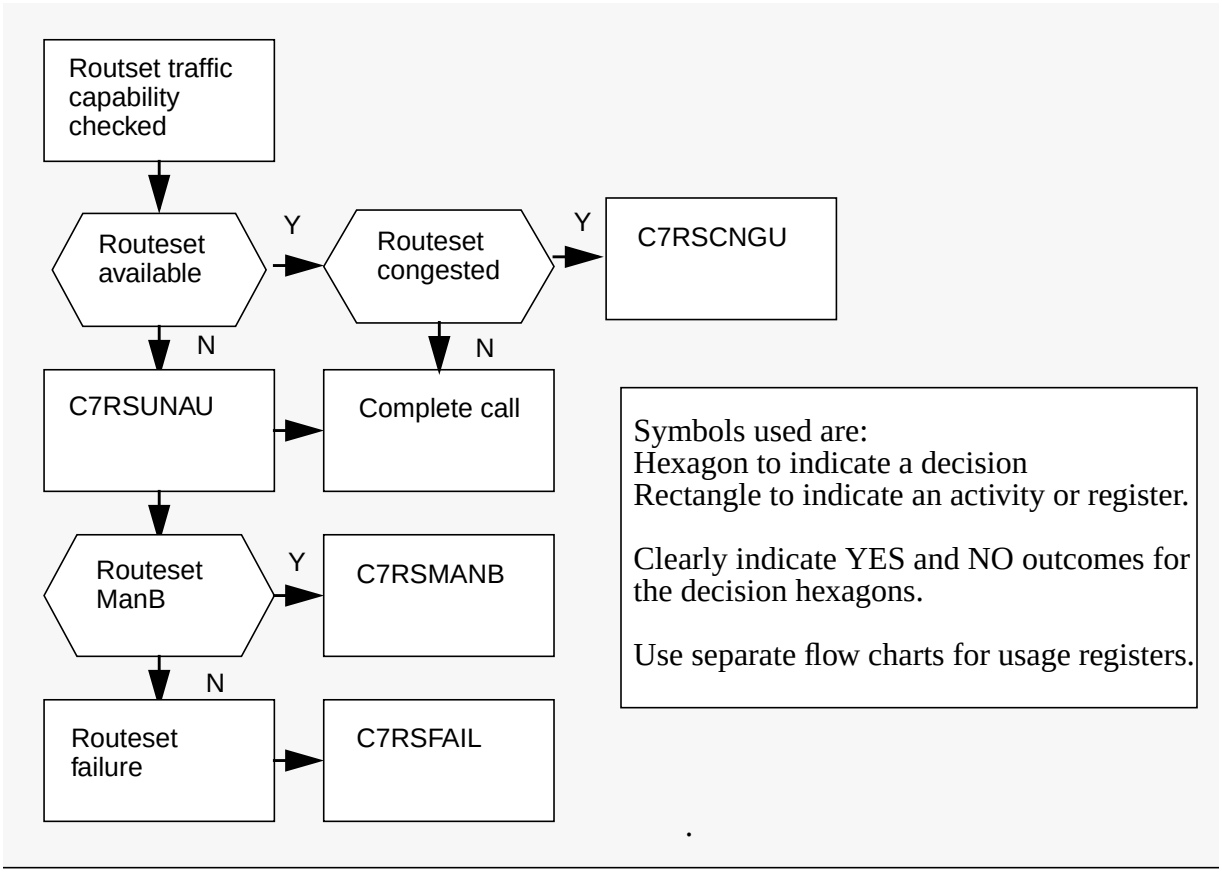
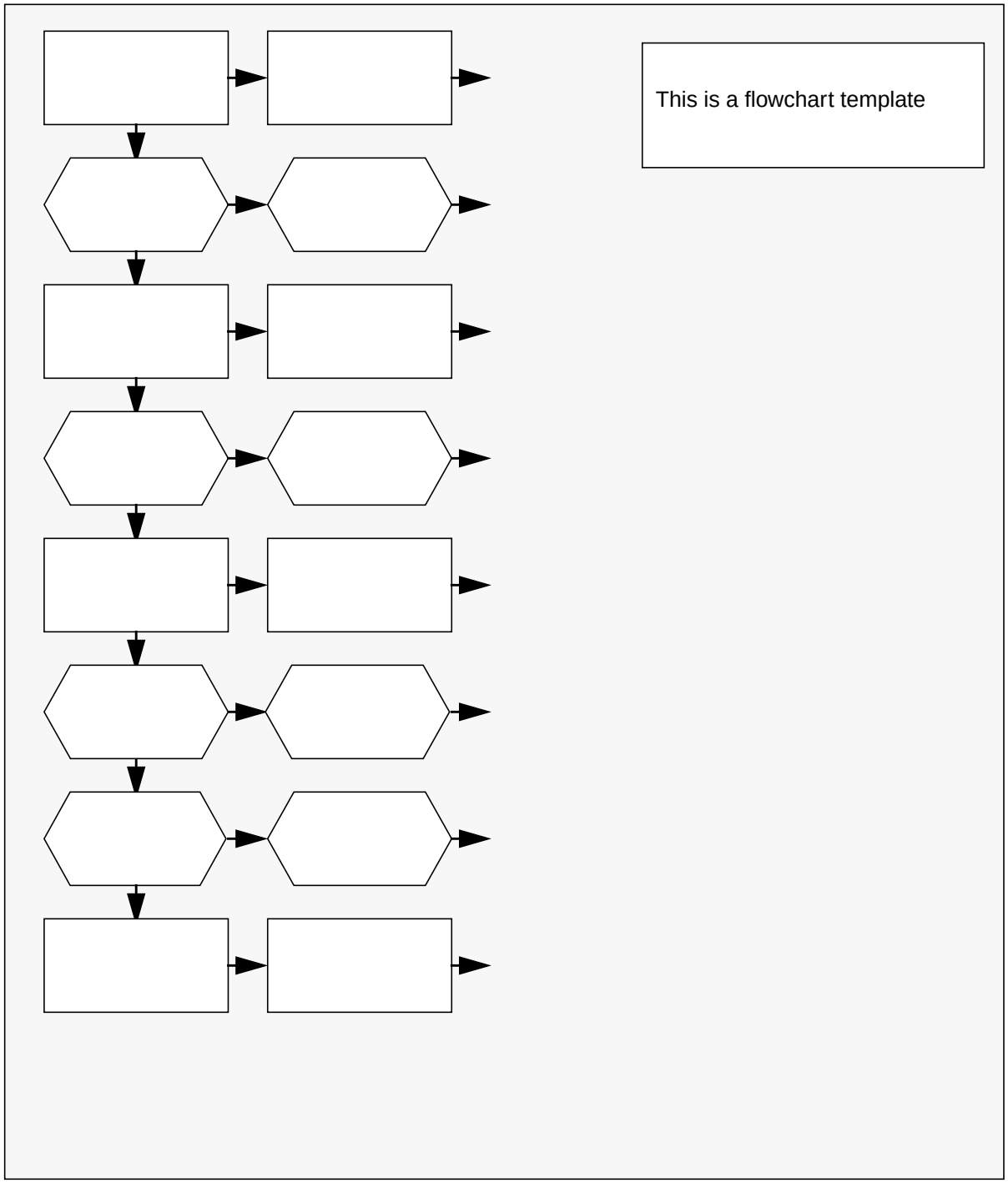


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

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16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

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Example:
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CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

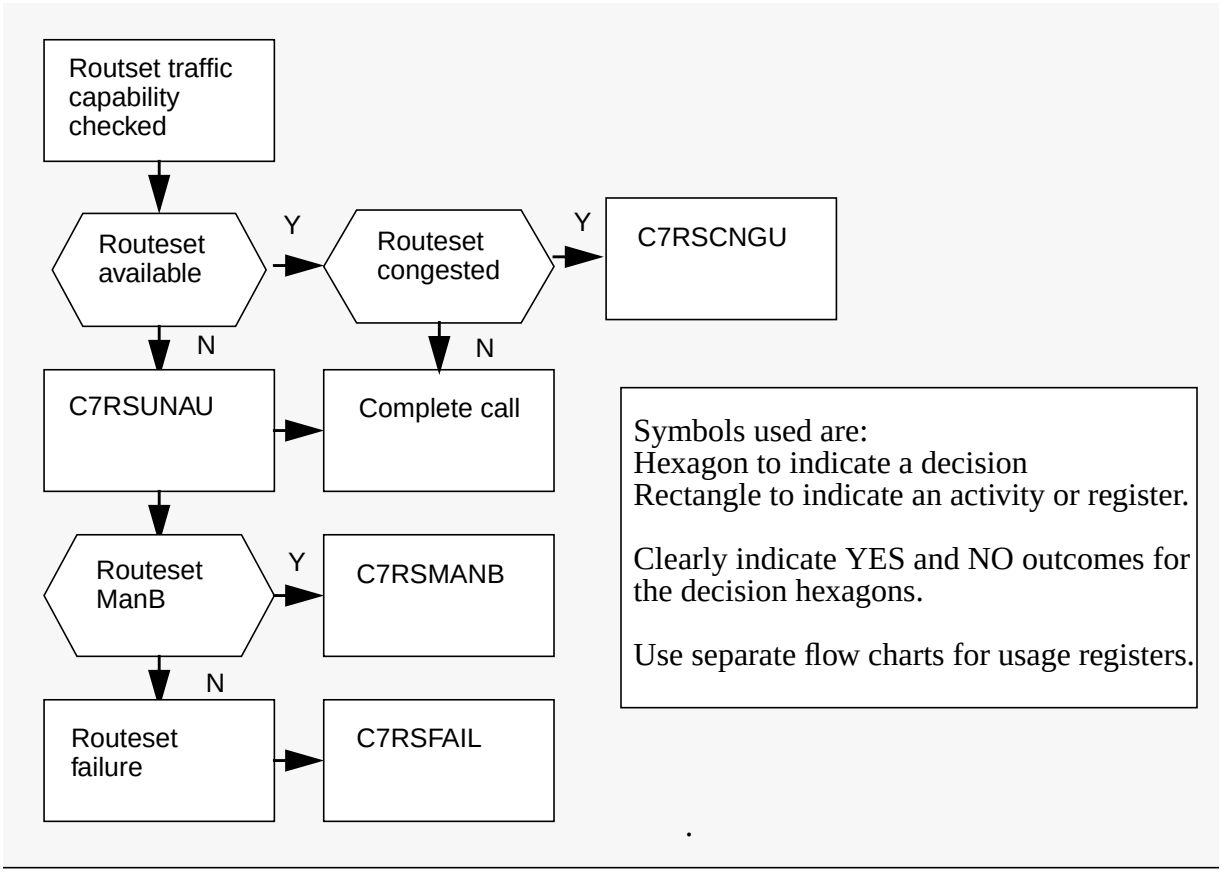
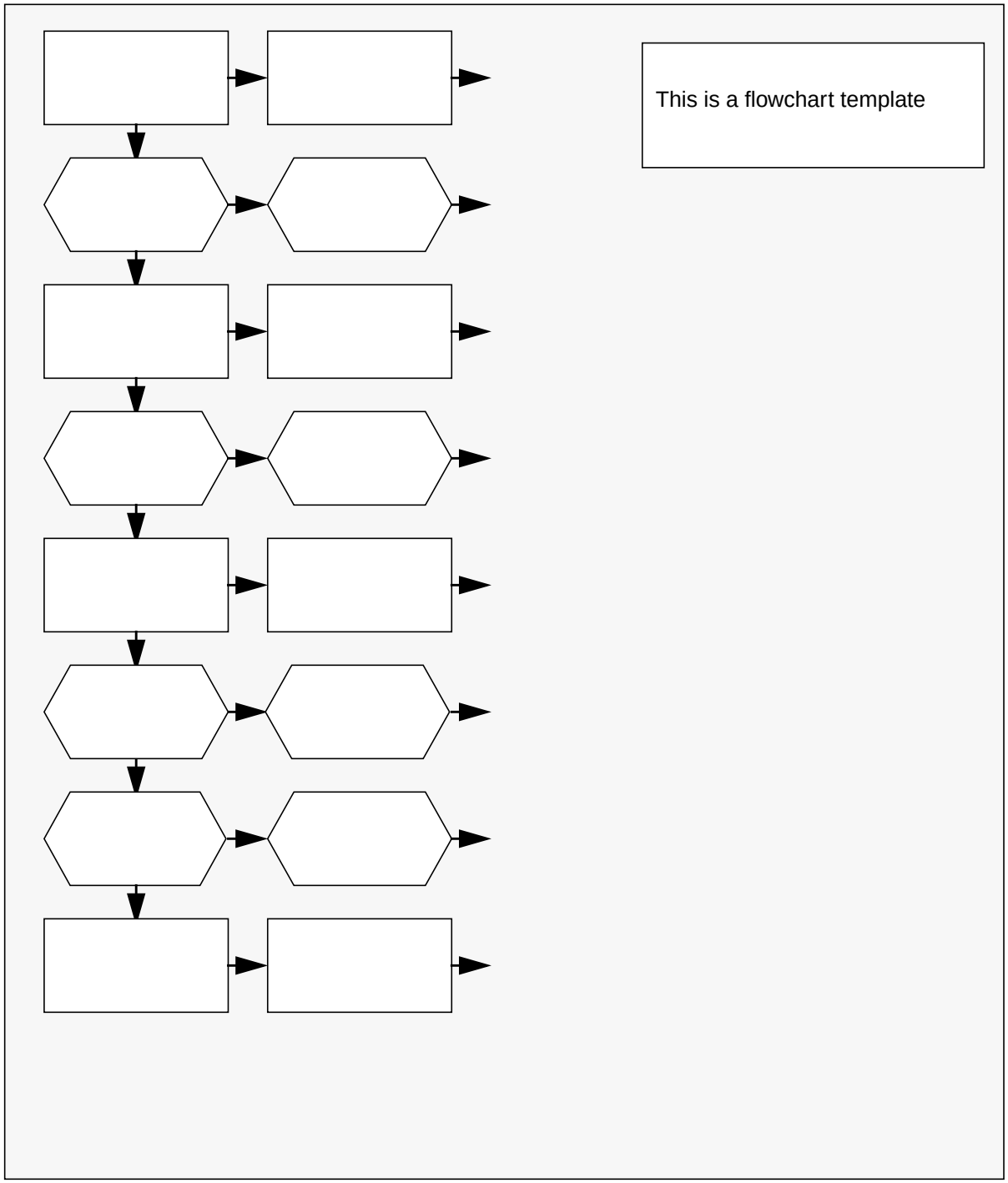


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

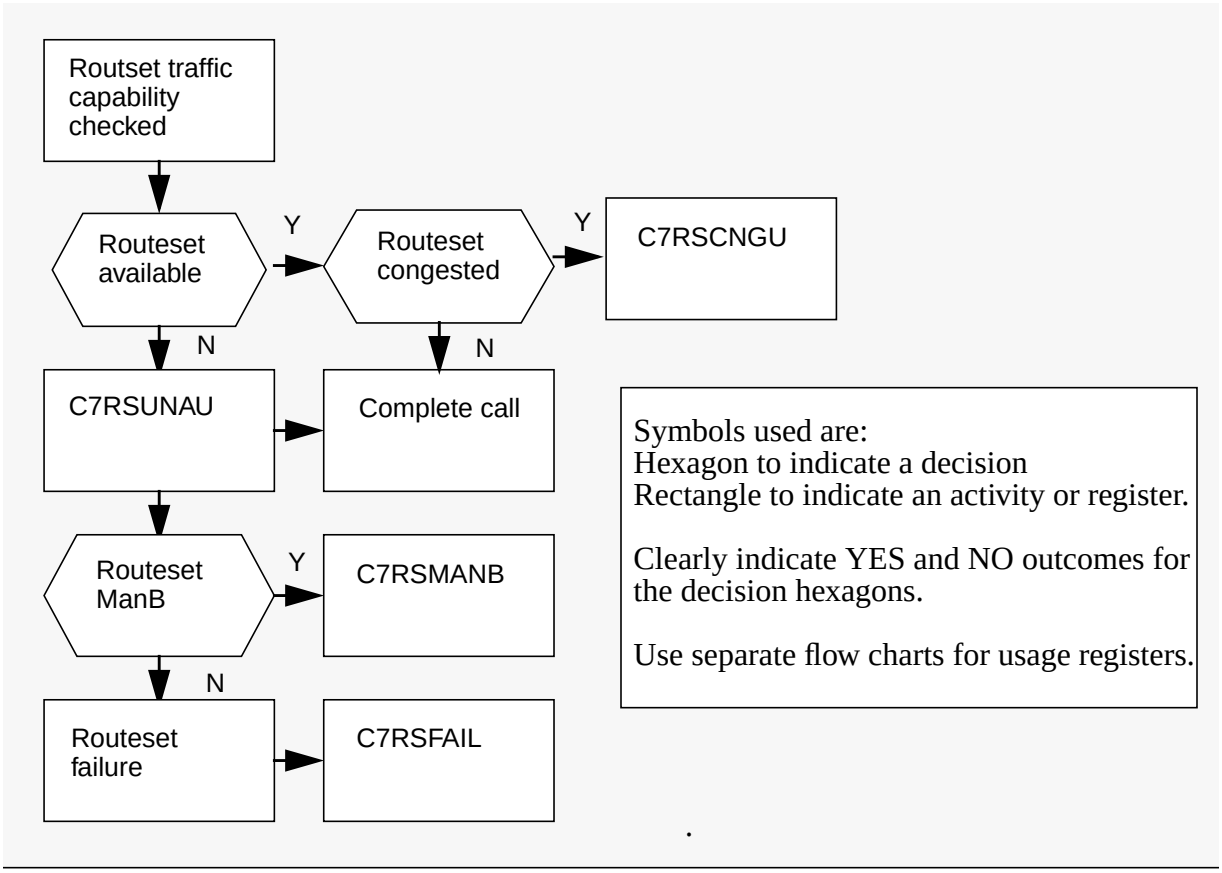
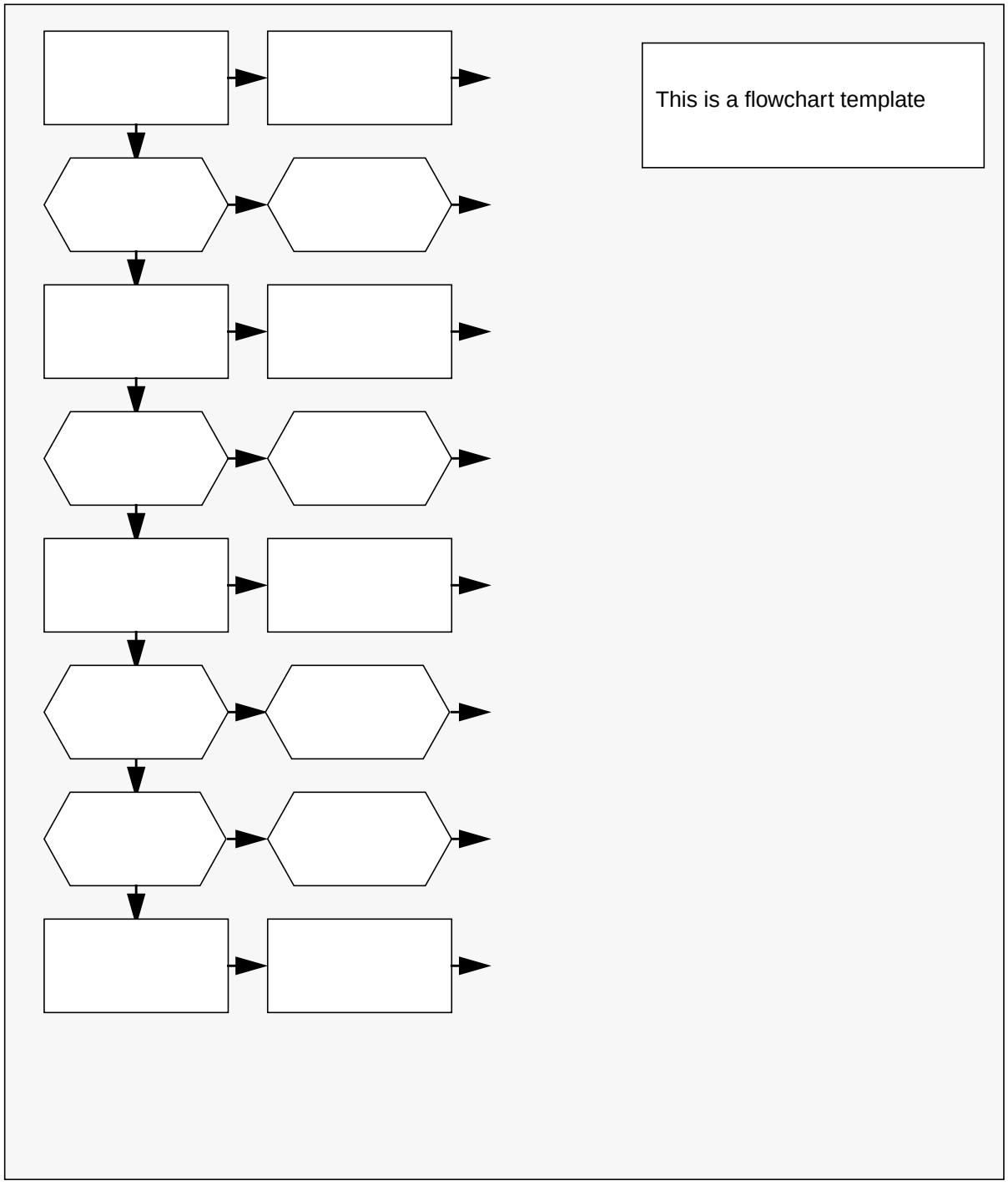


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
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16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

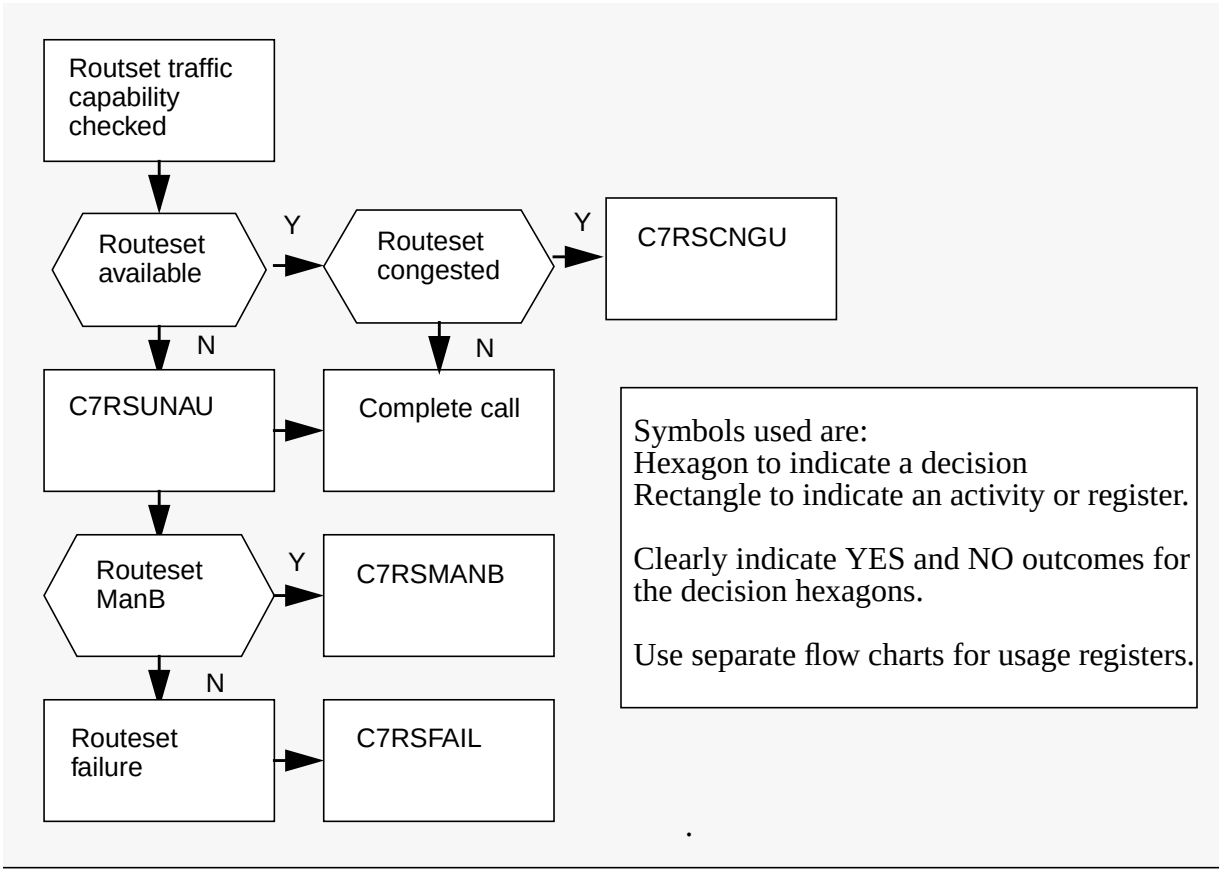
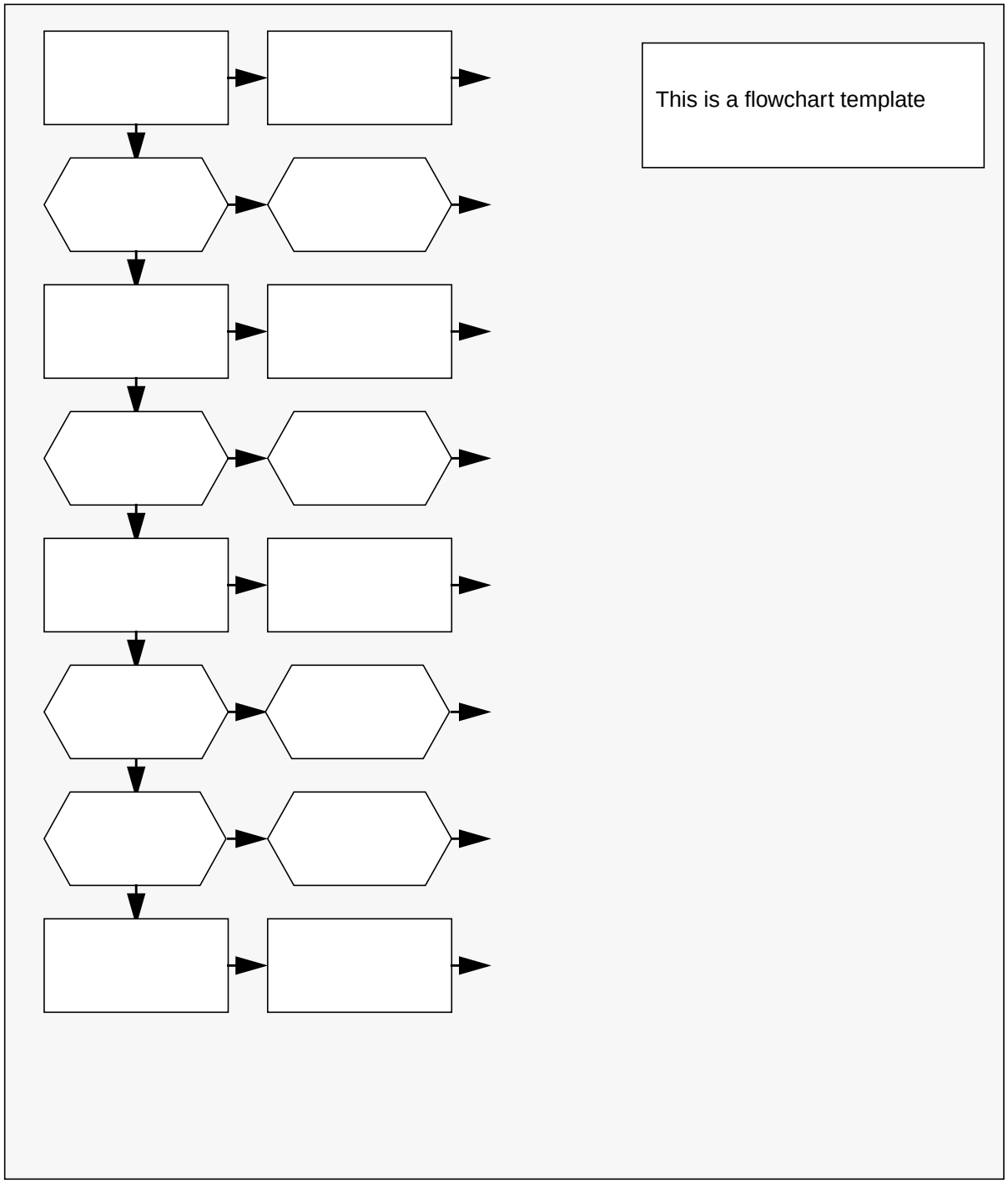


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

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16.1 Group <short name>

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
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OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

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The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

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Figure 2 Sample flowchart: OM group C7RTESET registers

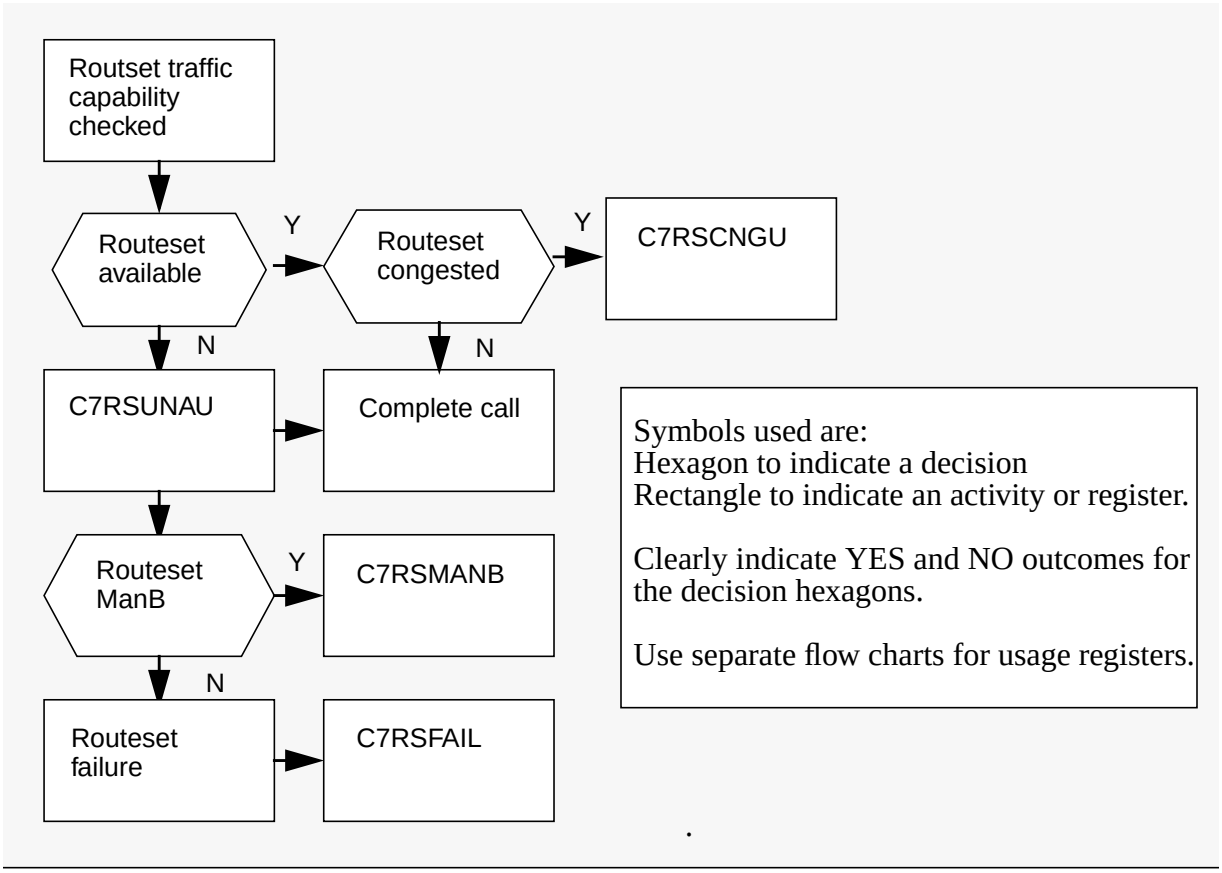
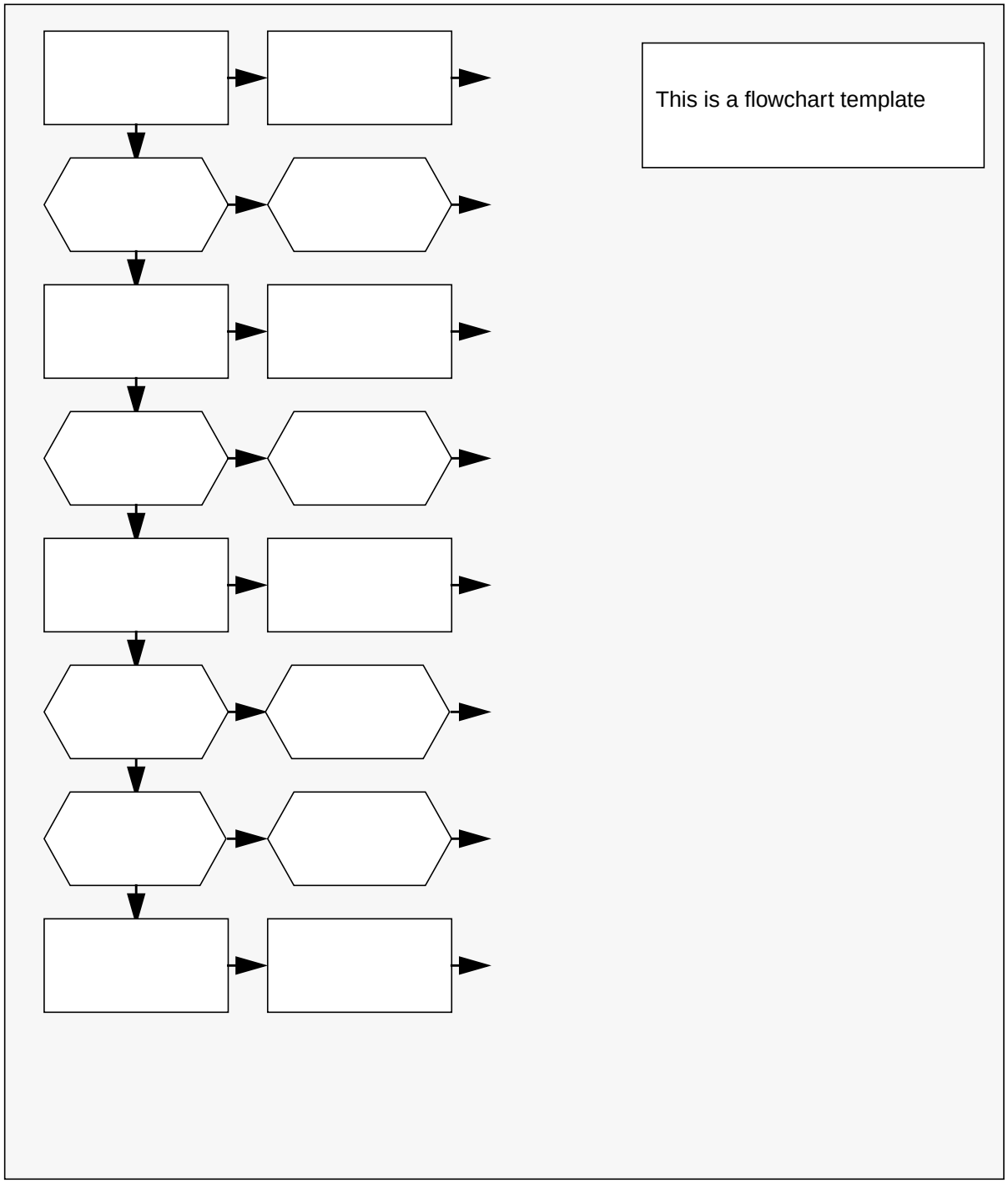


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

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16.1.9.1 Register description

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Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
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Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

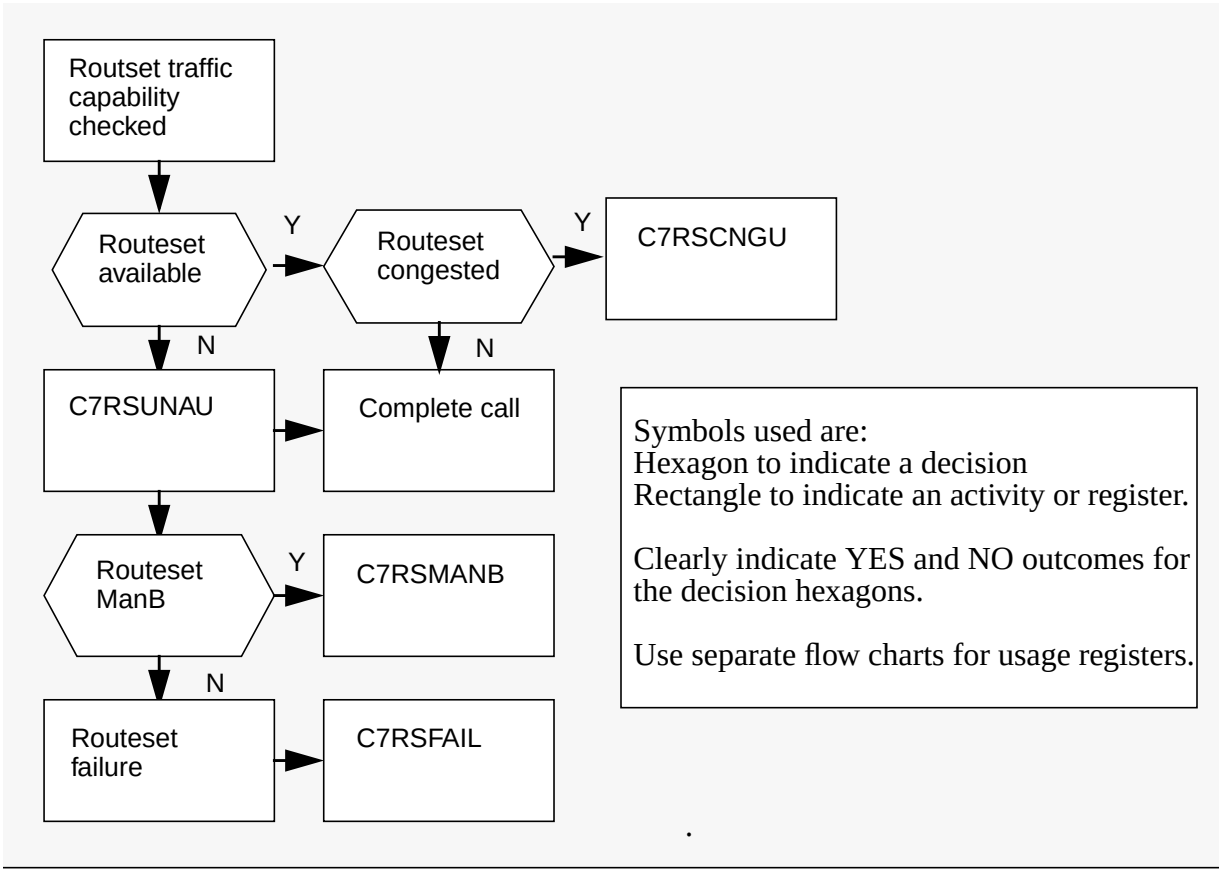
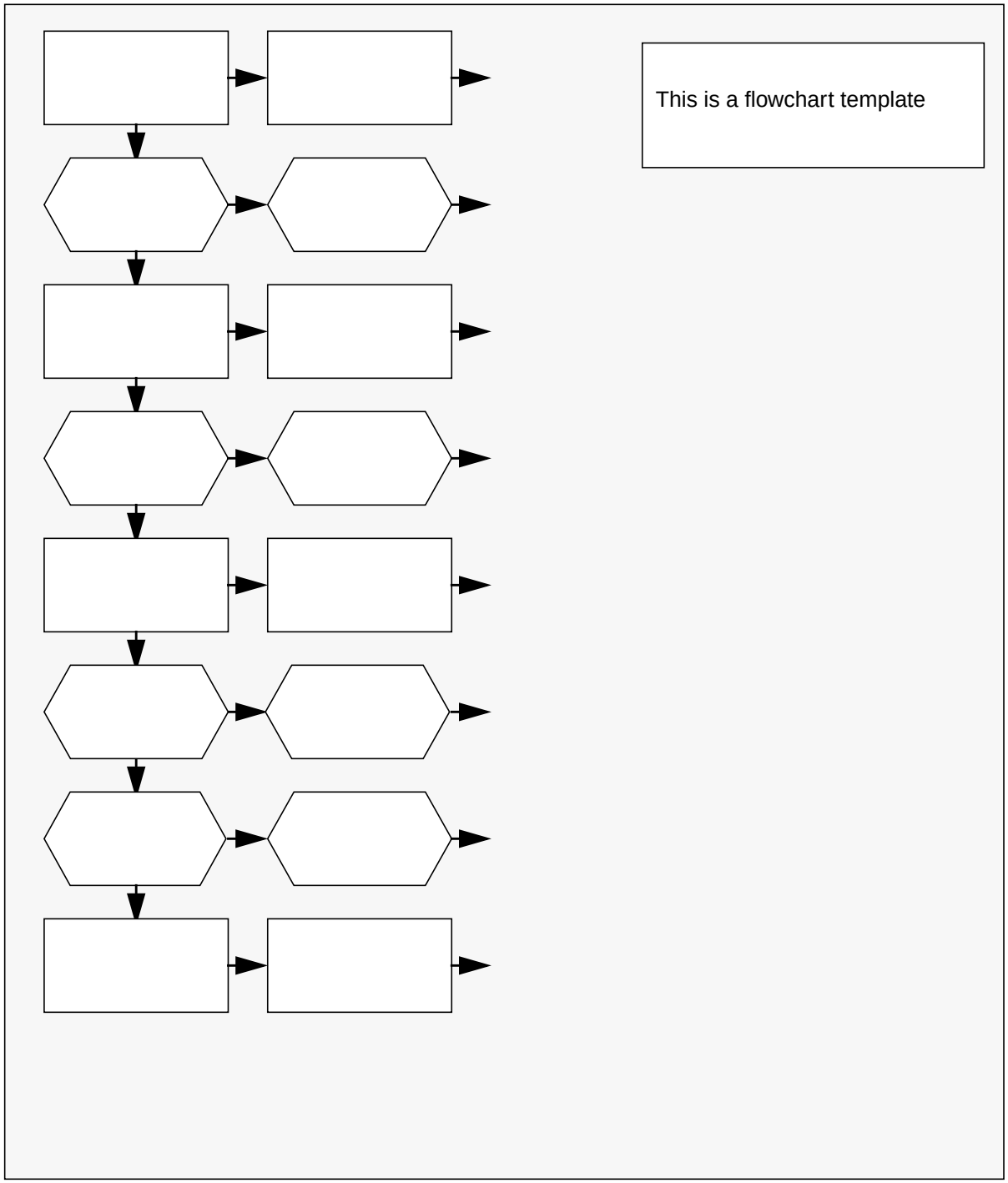


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

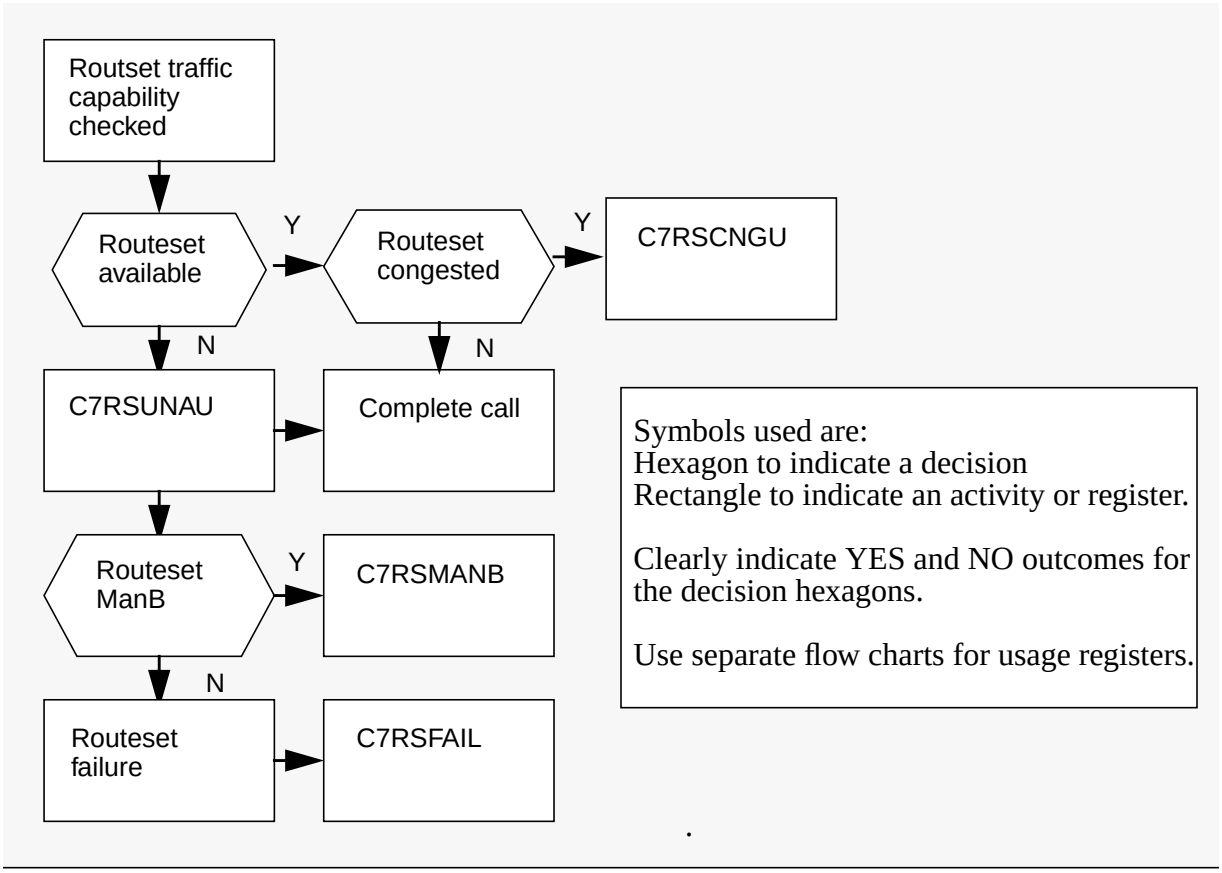
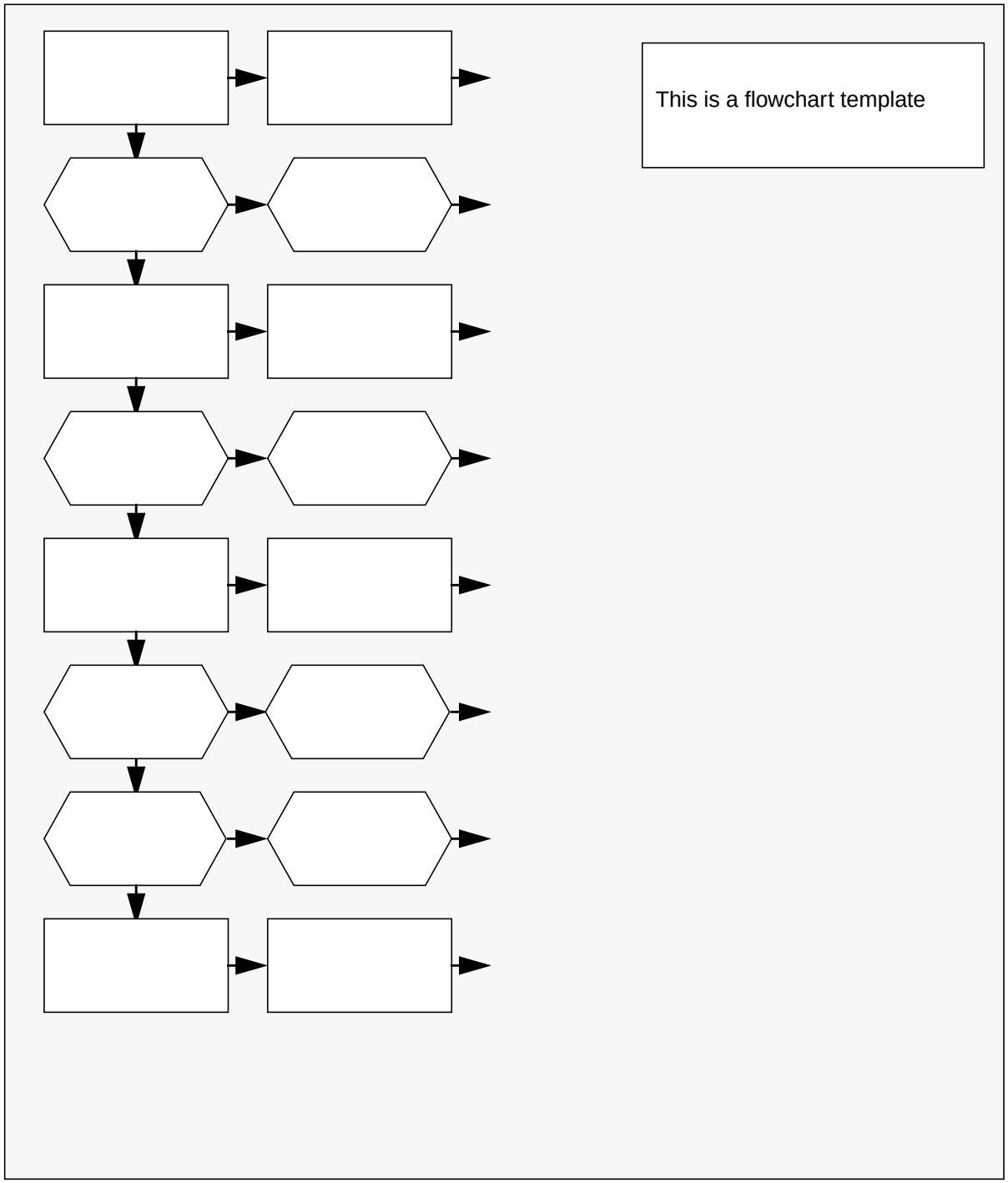


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

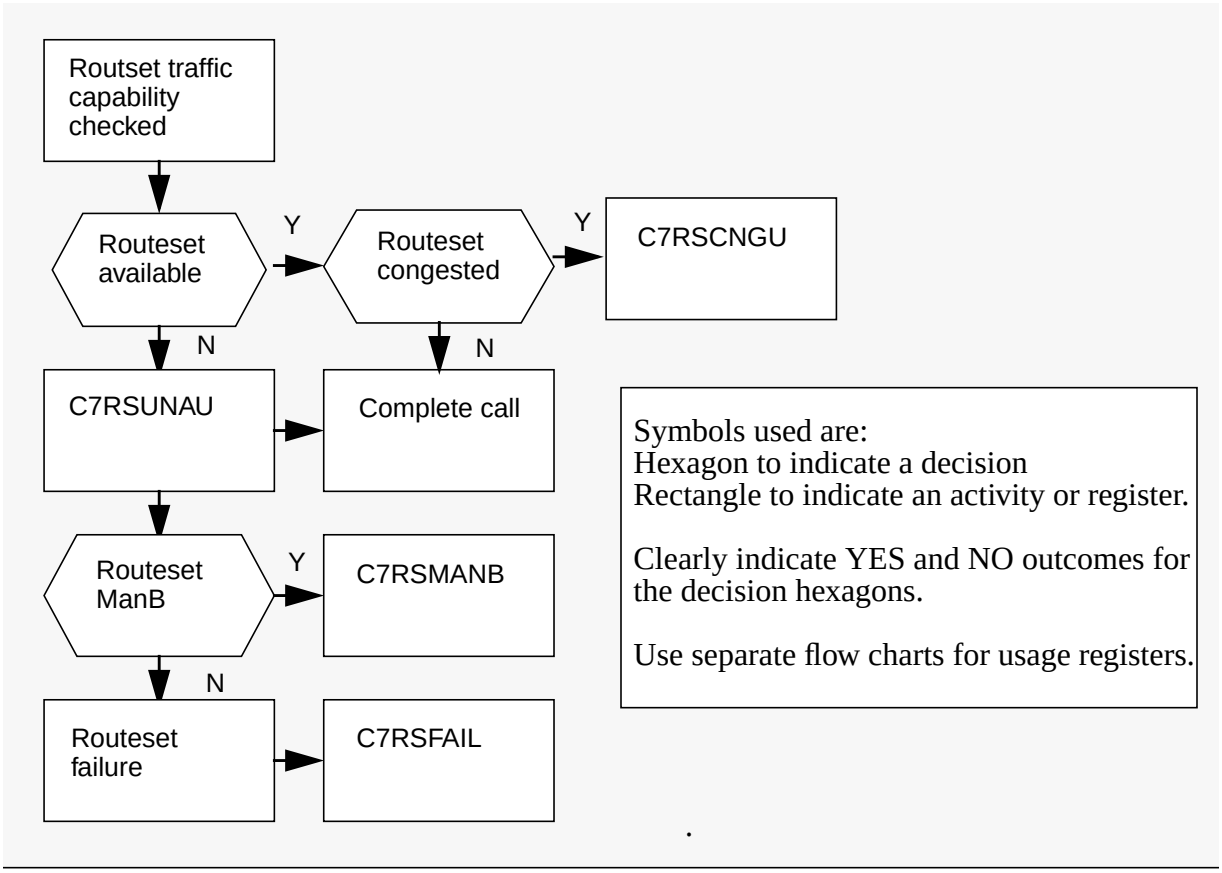
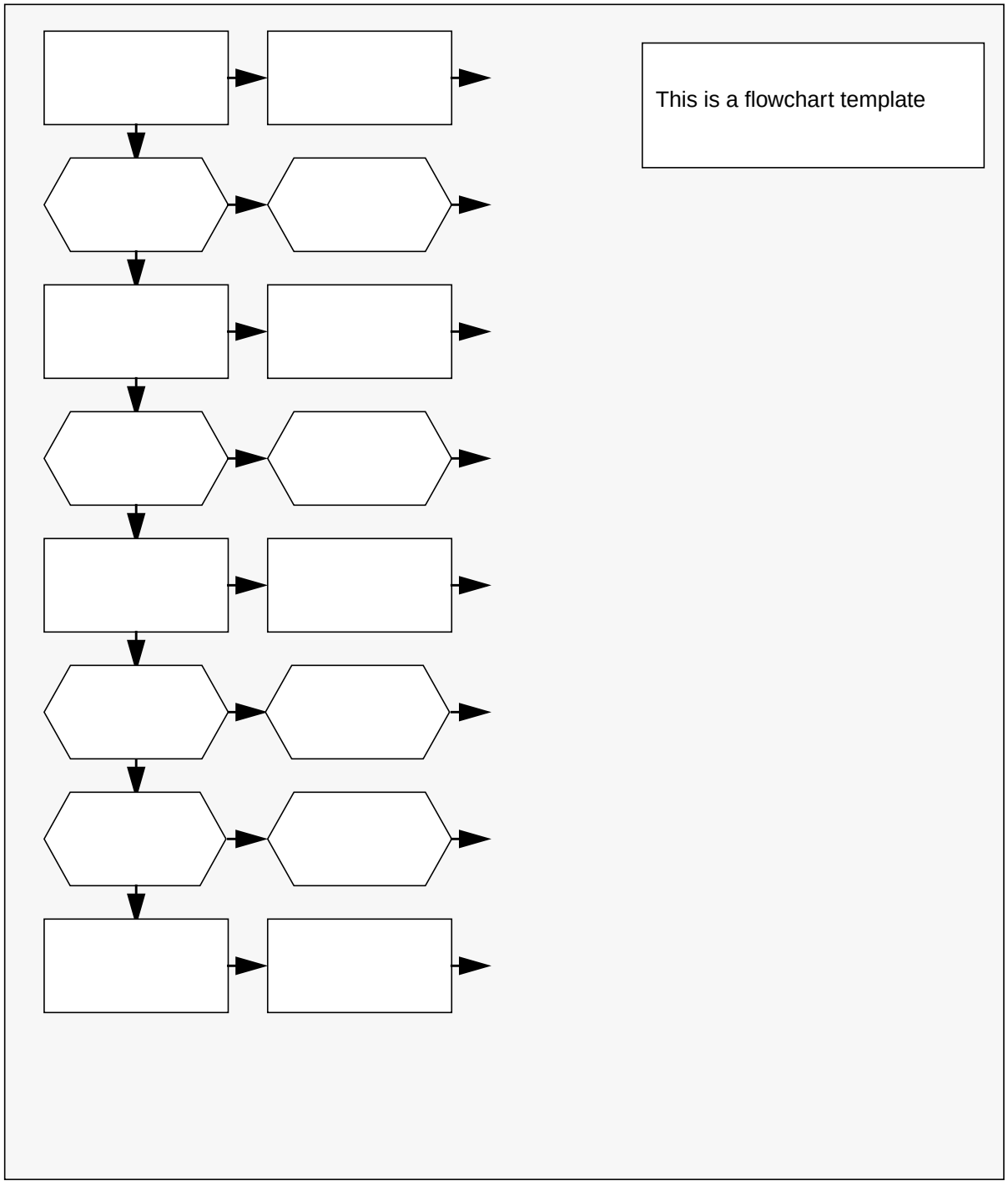


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

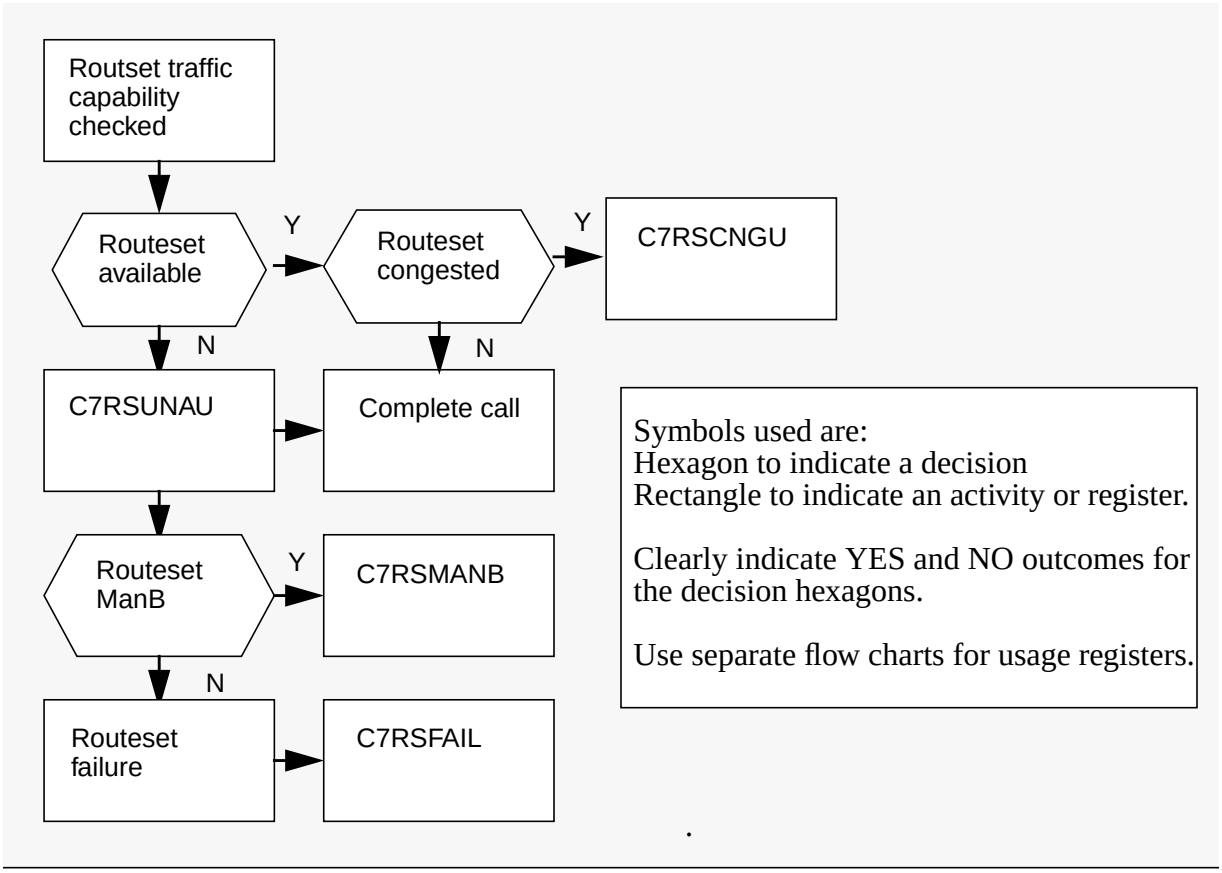
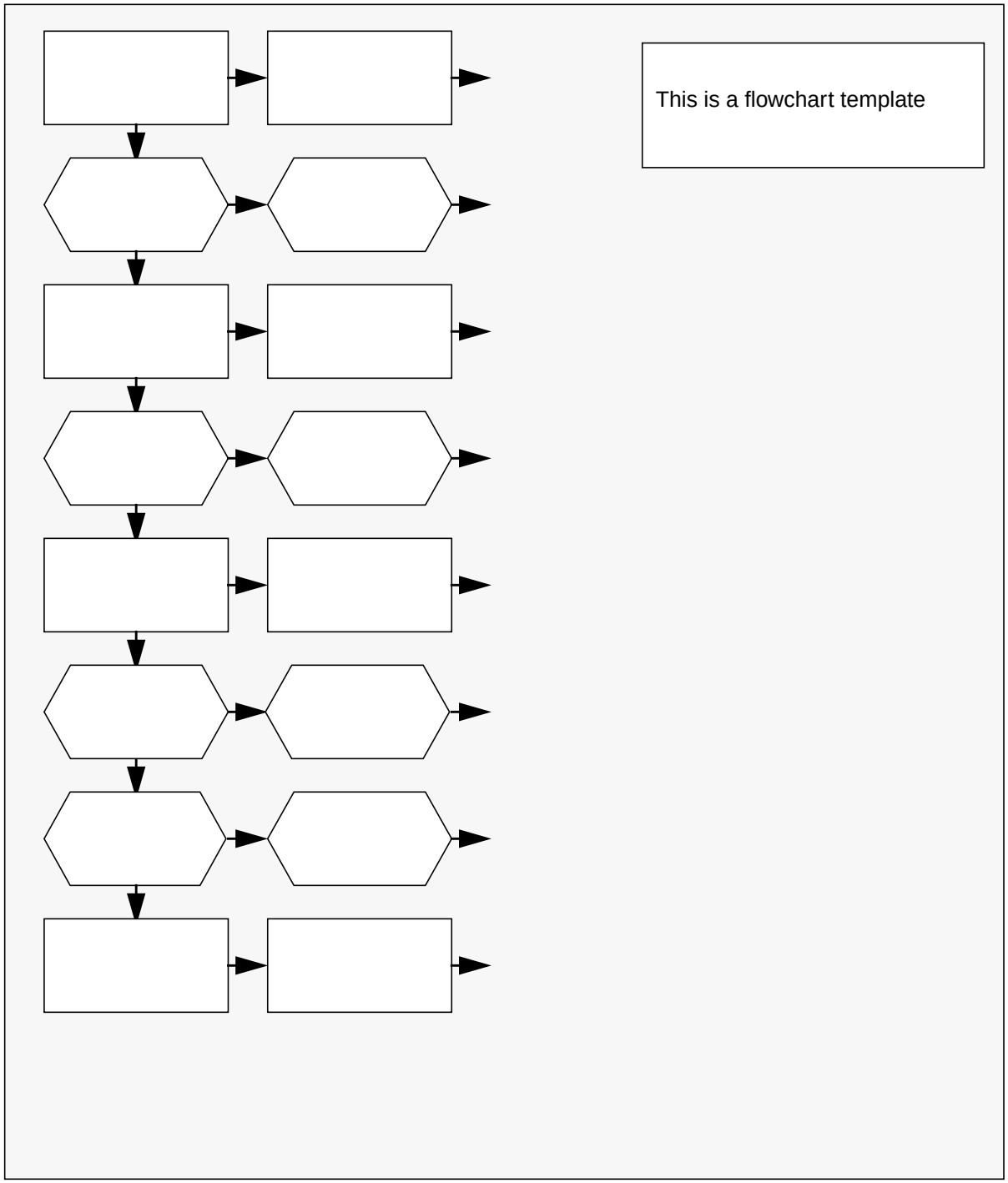


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

17: Operational measurement changes (OM)

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17.1 Group <short name>

OM Group template

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 17.1.9.

17.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

17.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

17.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

17.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

17.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

17.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

17.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

17.1.8 OM logic flow

17.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

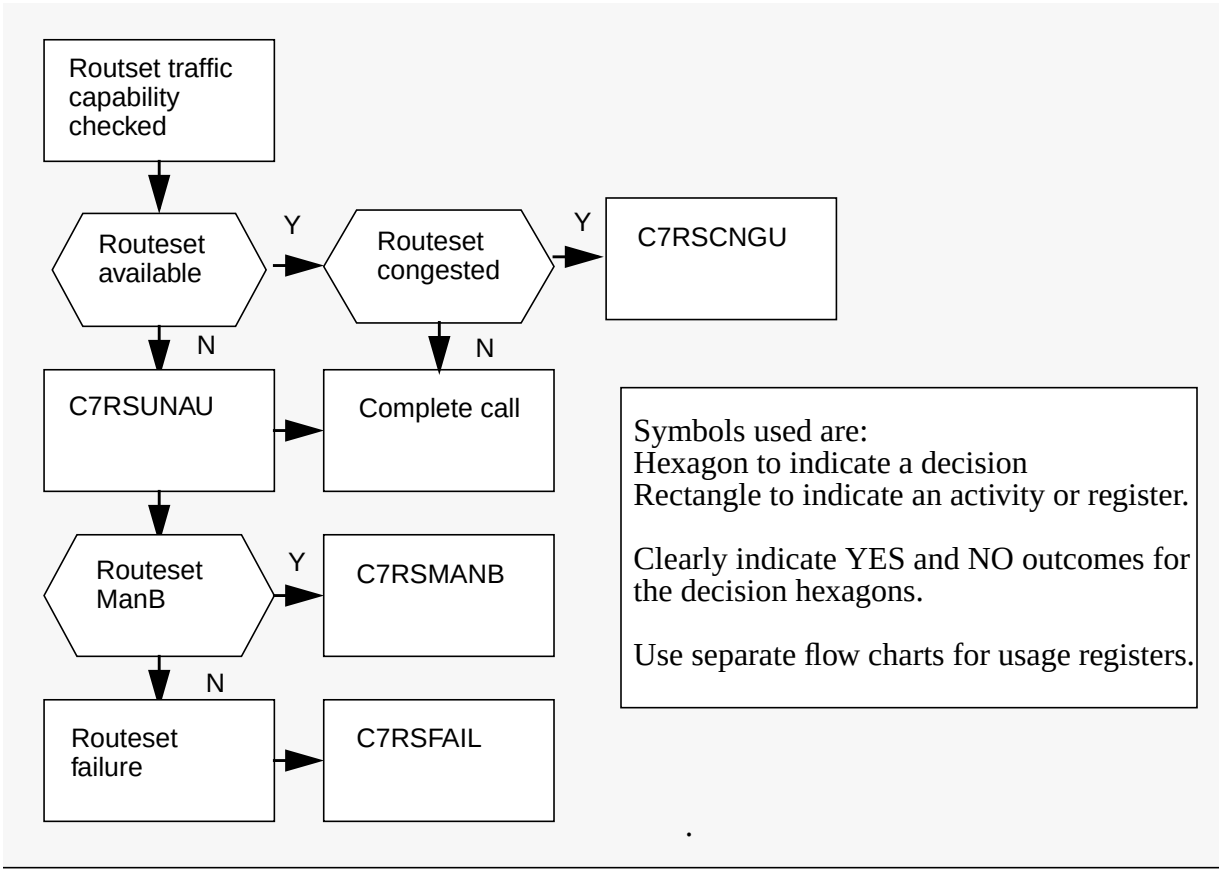
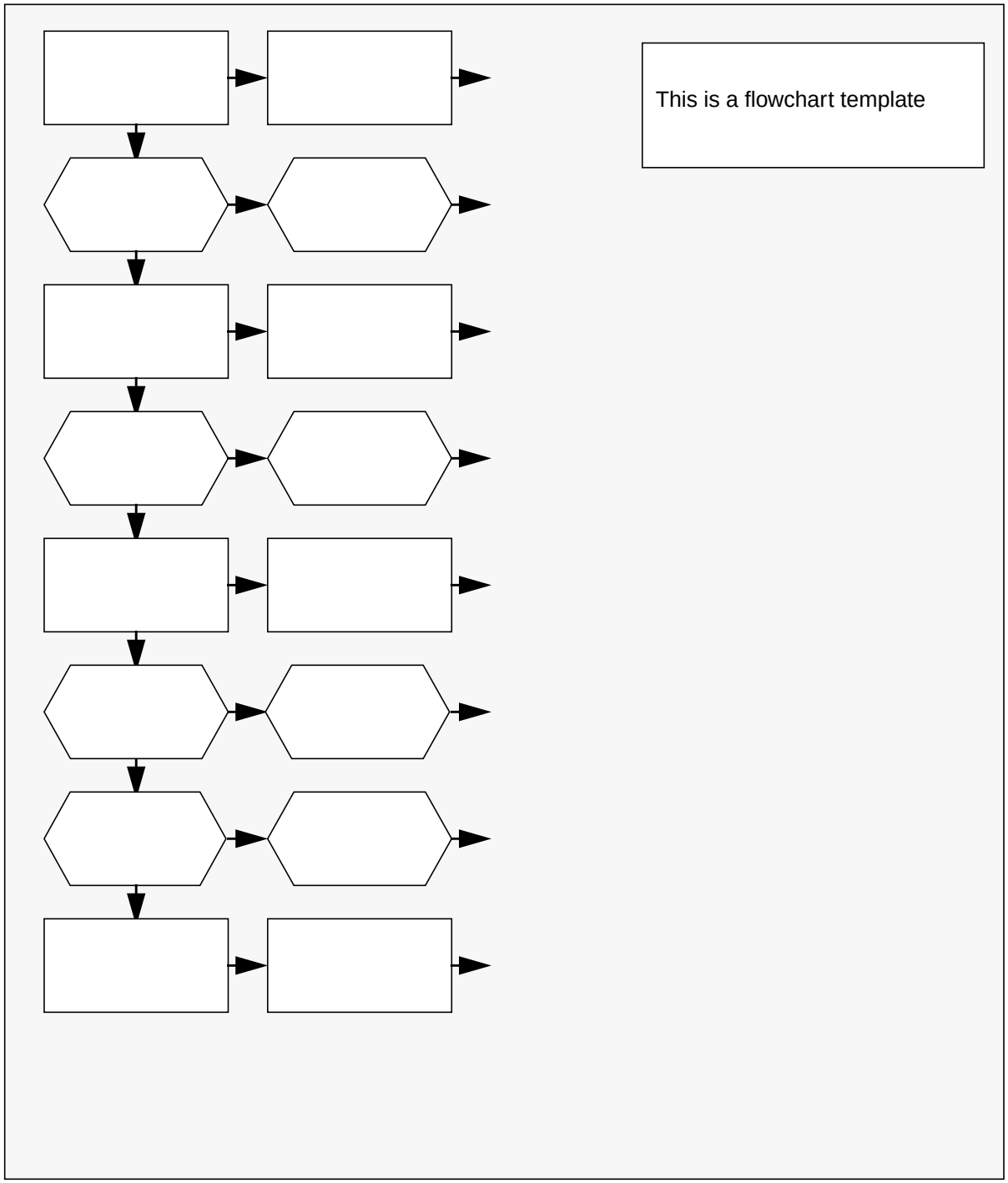


Figure 3 OM group <shortGRPNAME> registers



17.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

17.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

17.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

17.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

17.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

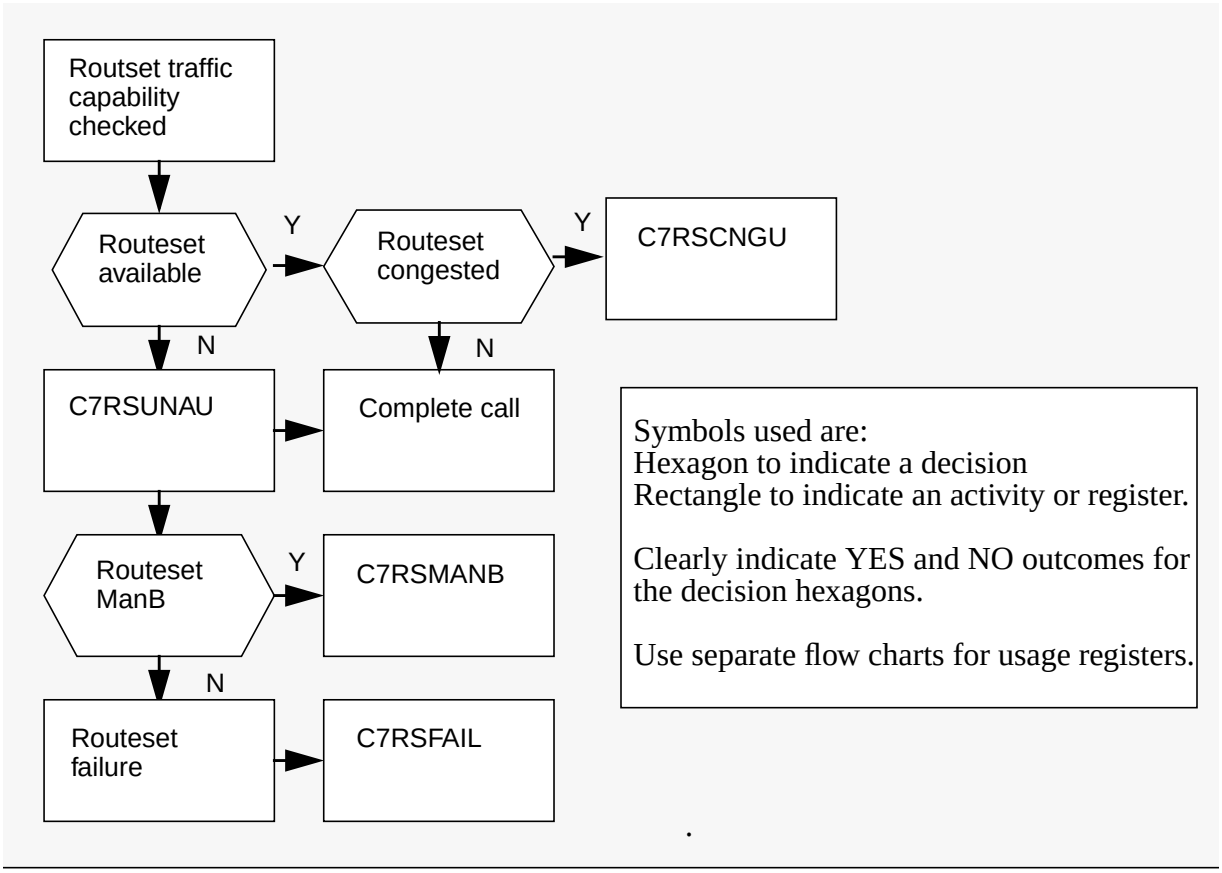
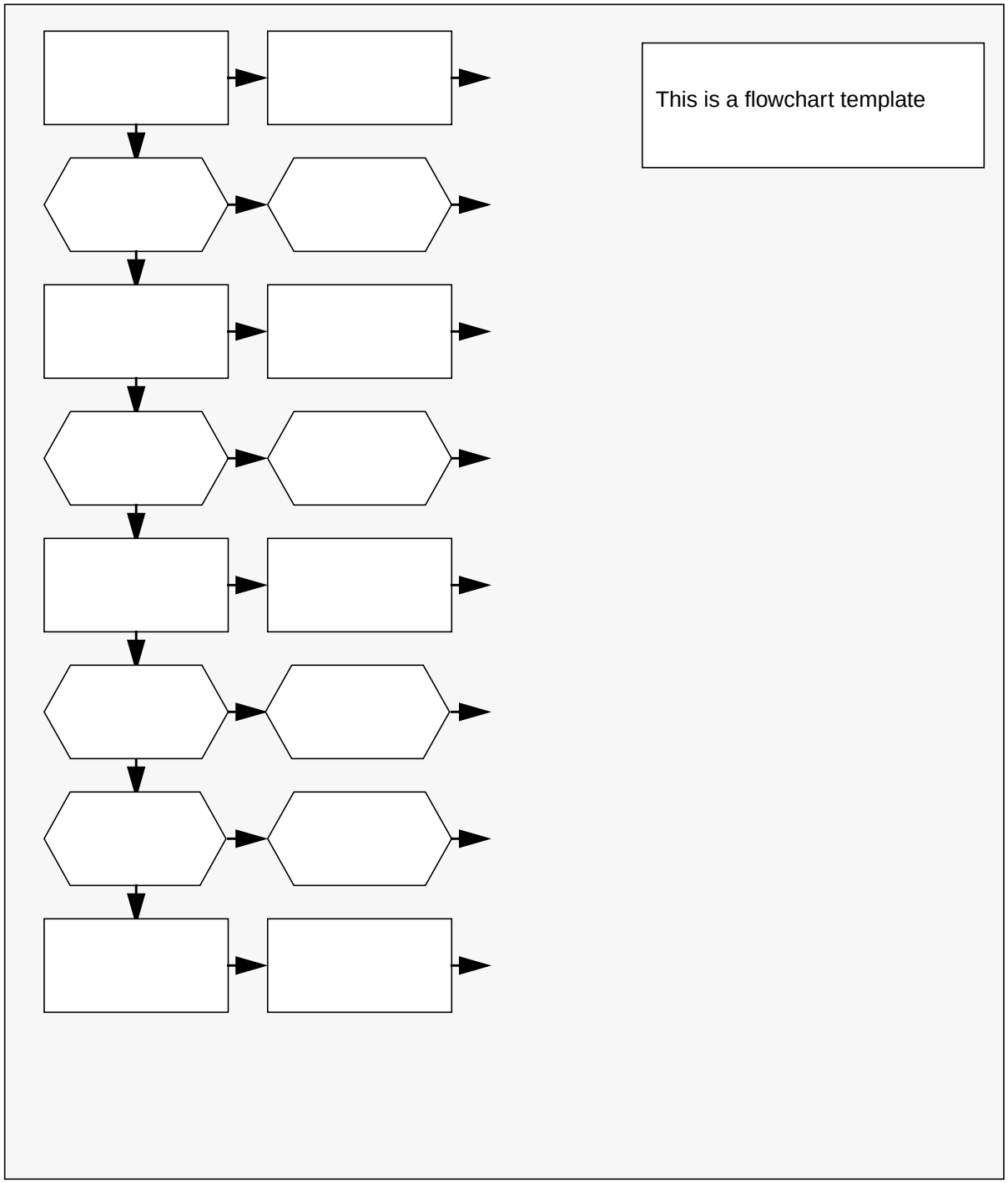


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

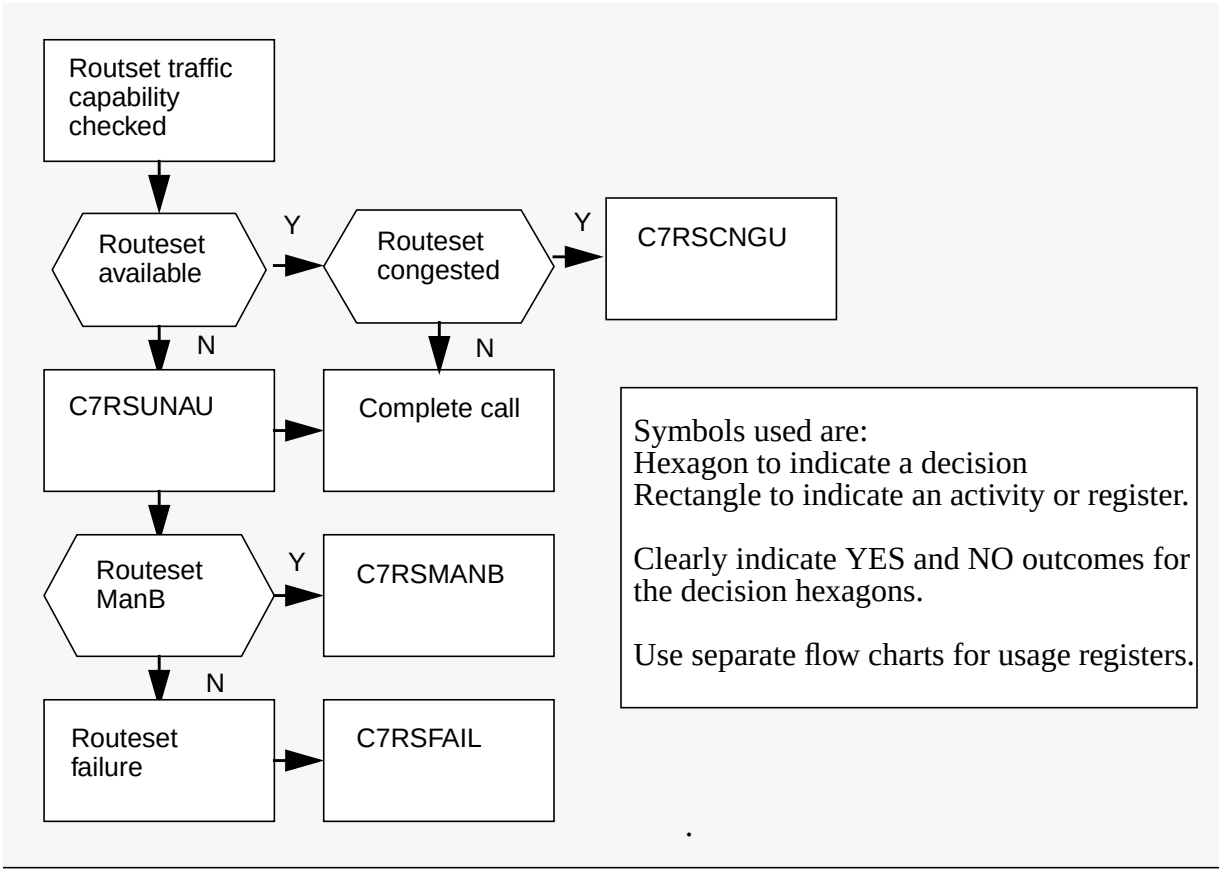
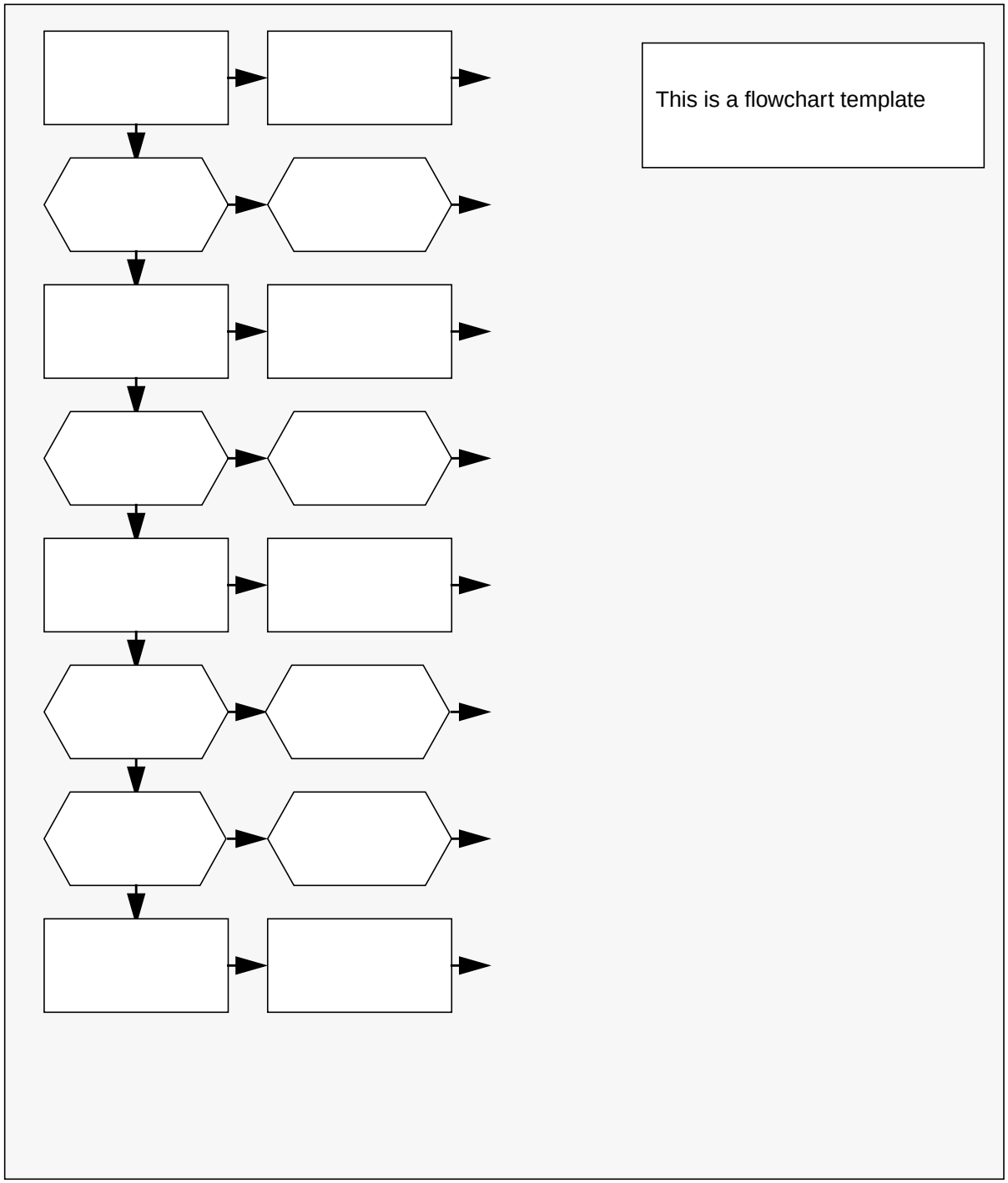


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

17: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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17.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 17.1.9.

17.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

17.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

17.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

17.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

17.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

17.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

17.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

17.1.8 OM logic flow

17.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

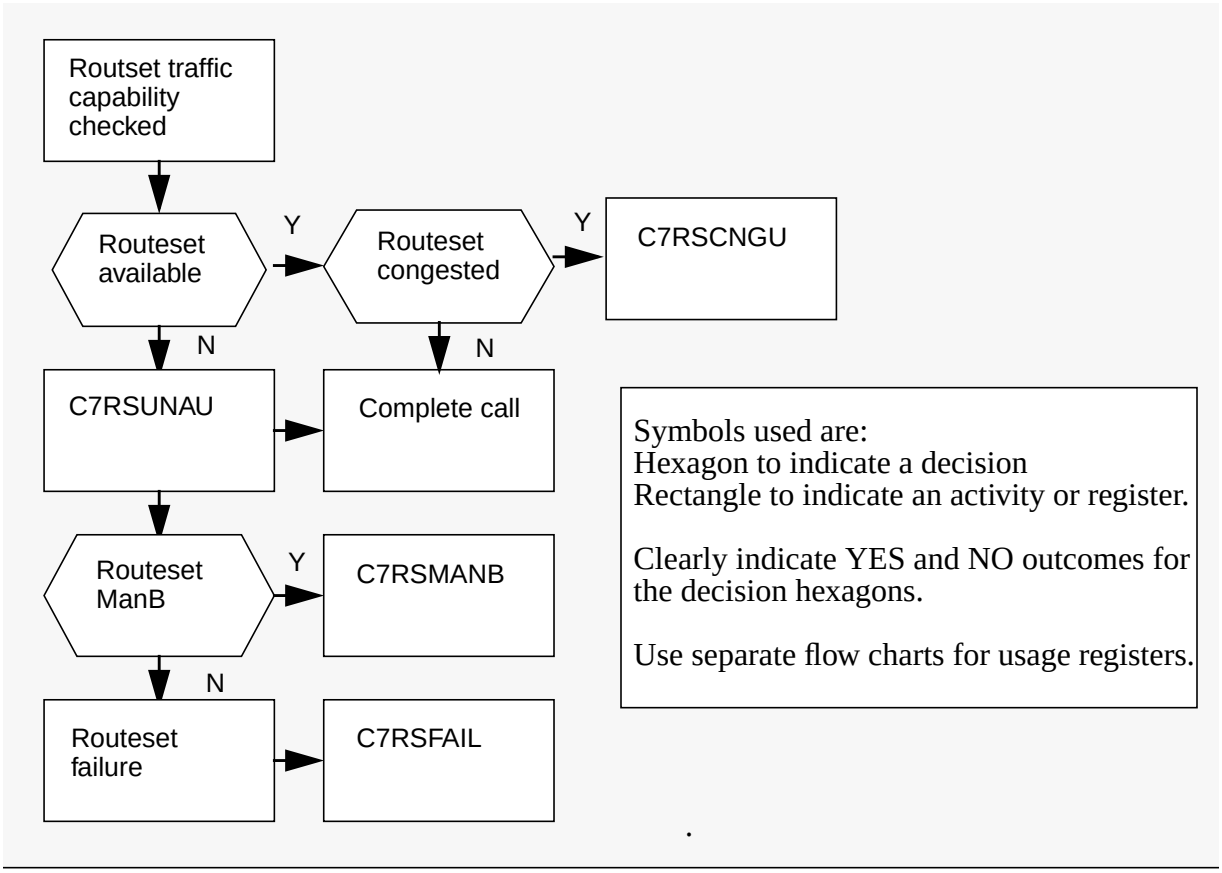
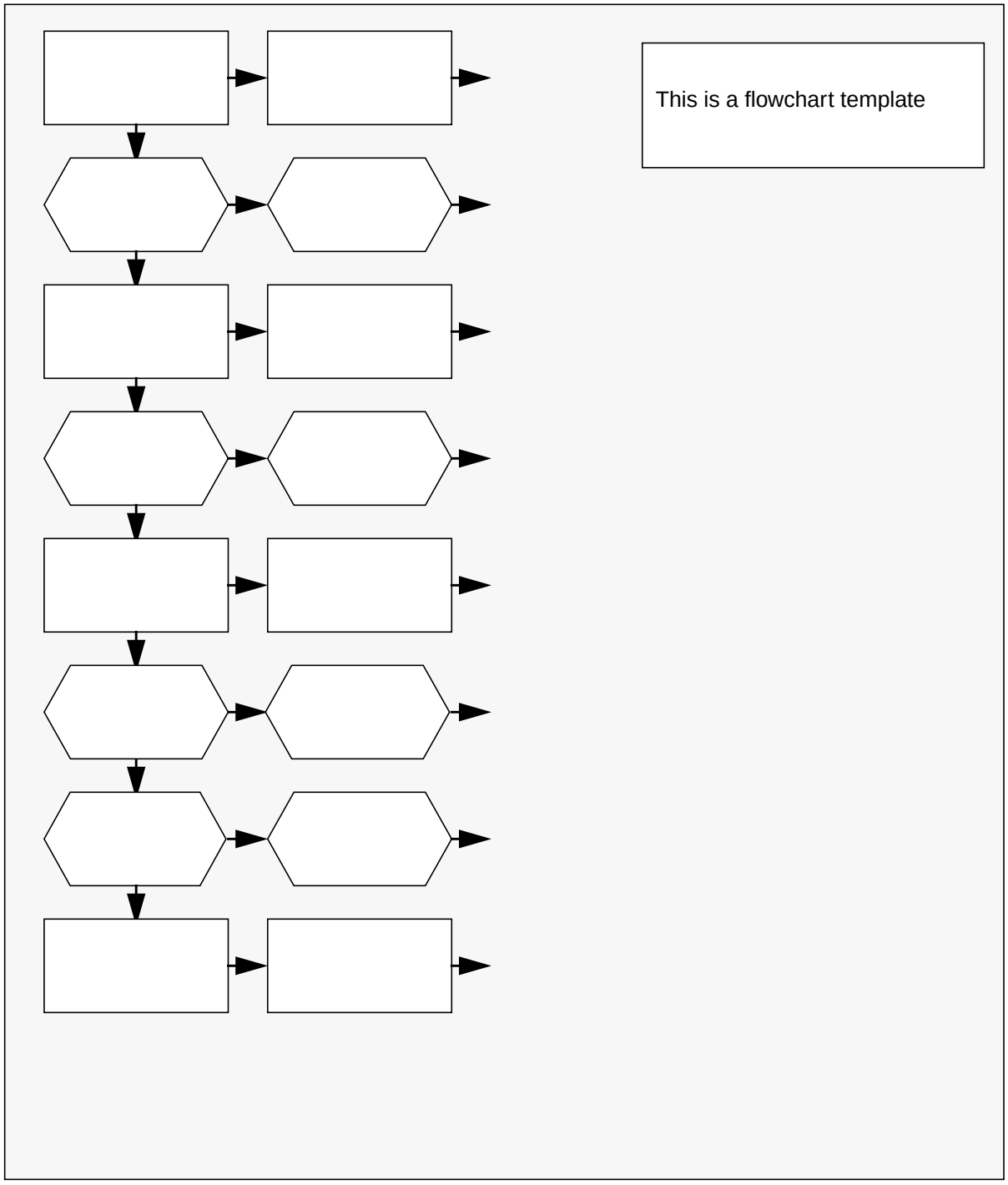


Figure 3 OM group <shortGRPNAME> registers



17.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

17.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

17.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

17.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

17.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

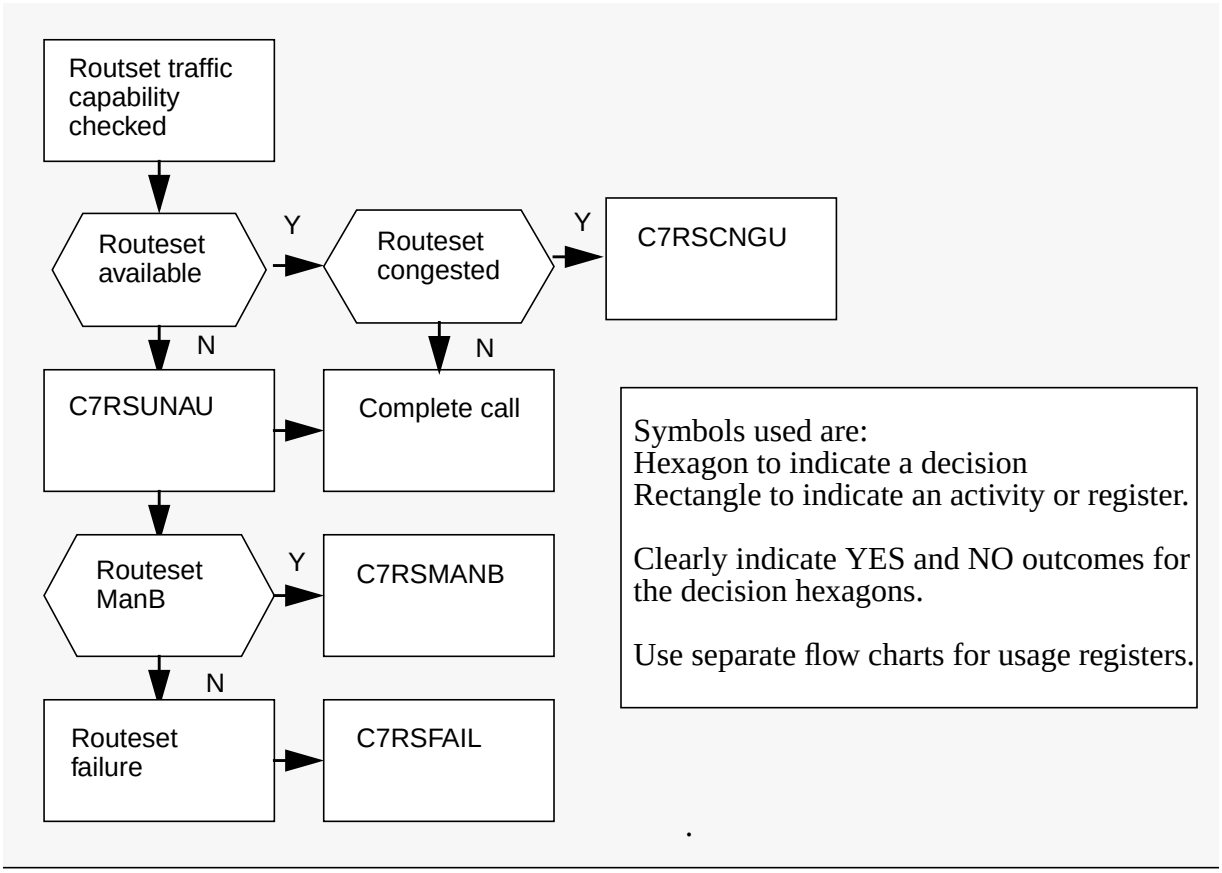
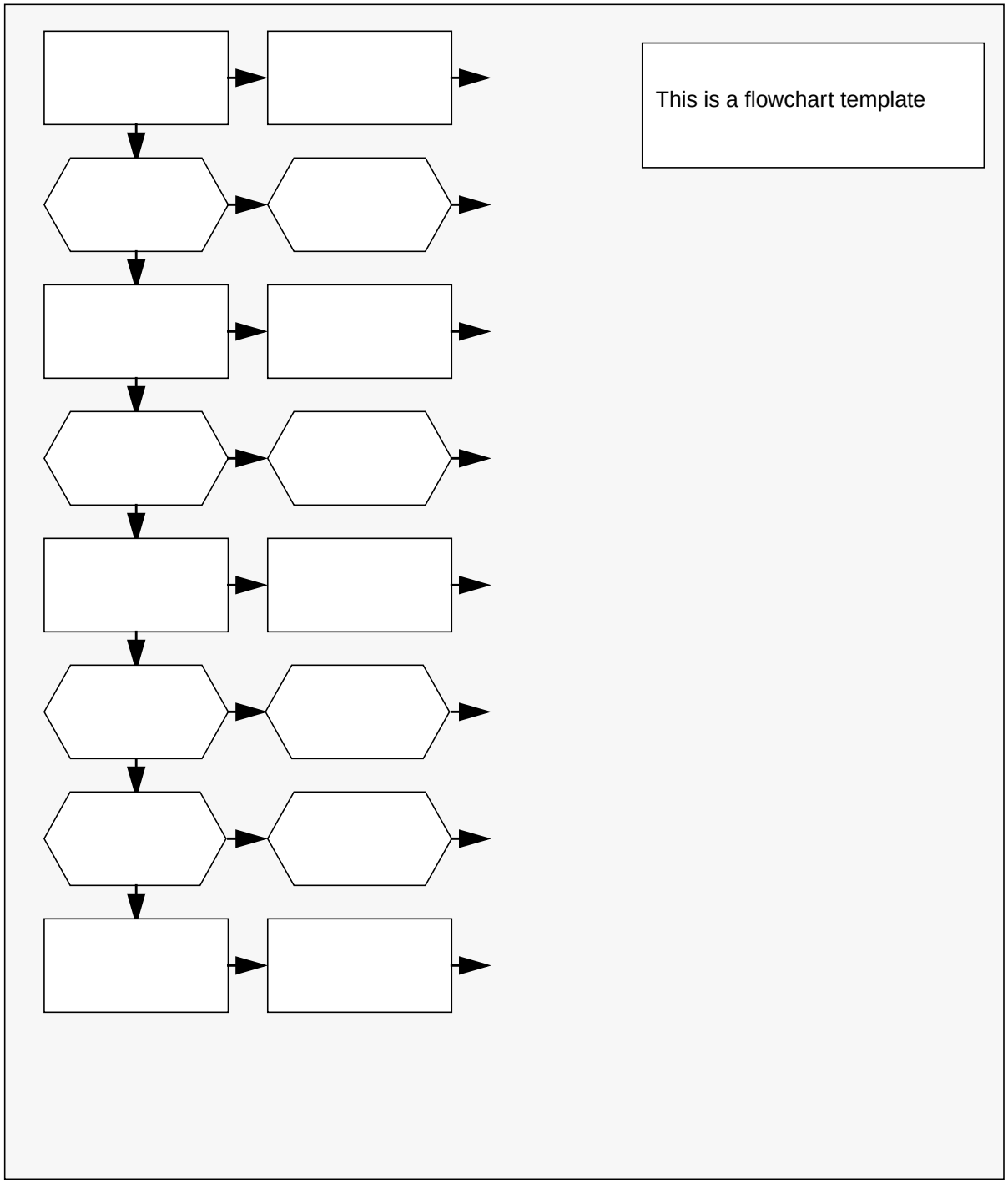


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

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- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

18: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

18.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 18.1.9.

18.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

18.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

18.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

18.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

18.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

18.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

18.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

18.1.8 OM logic flow

18.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

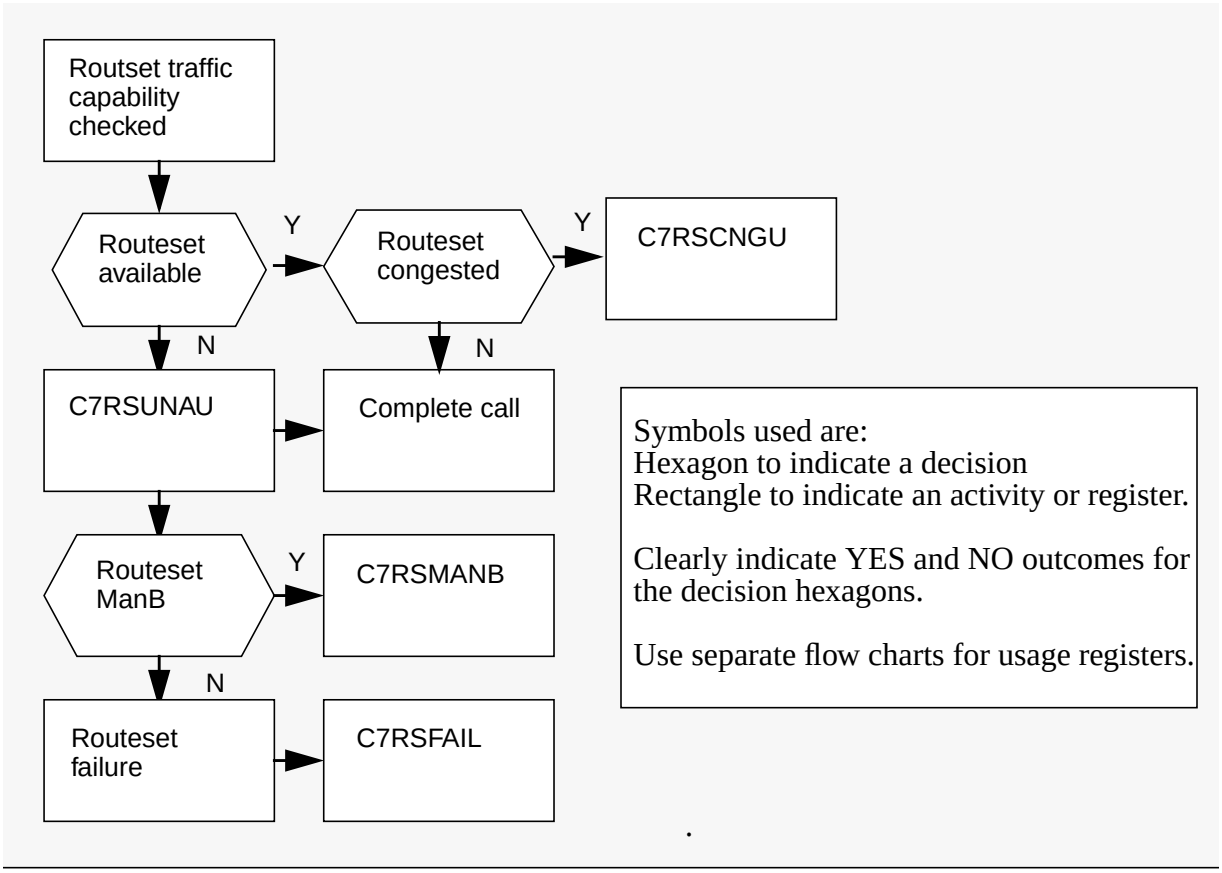
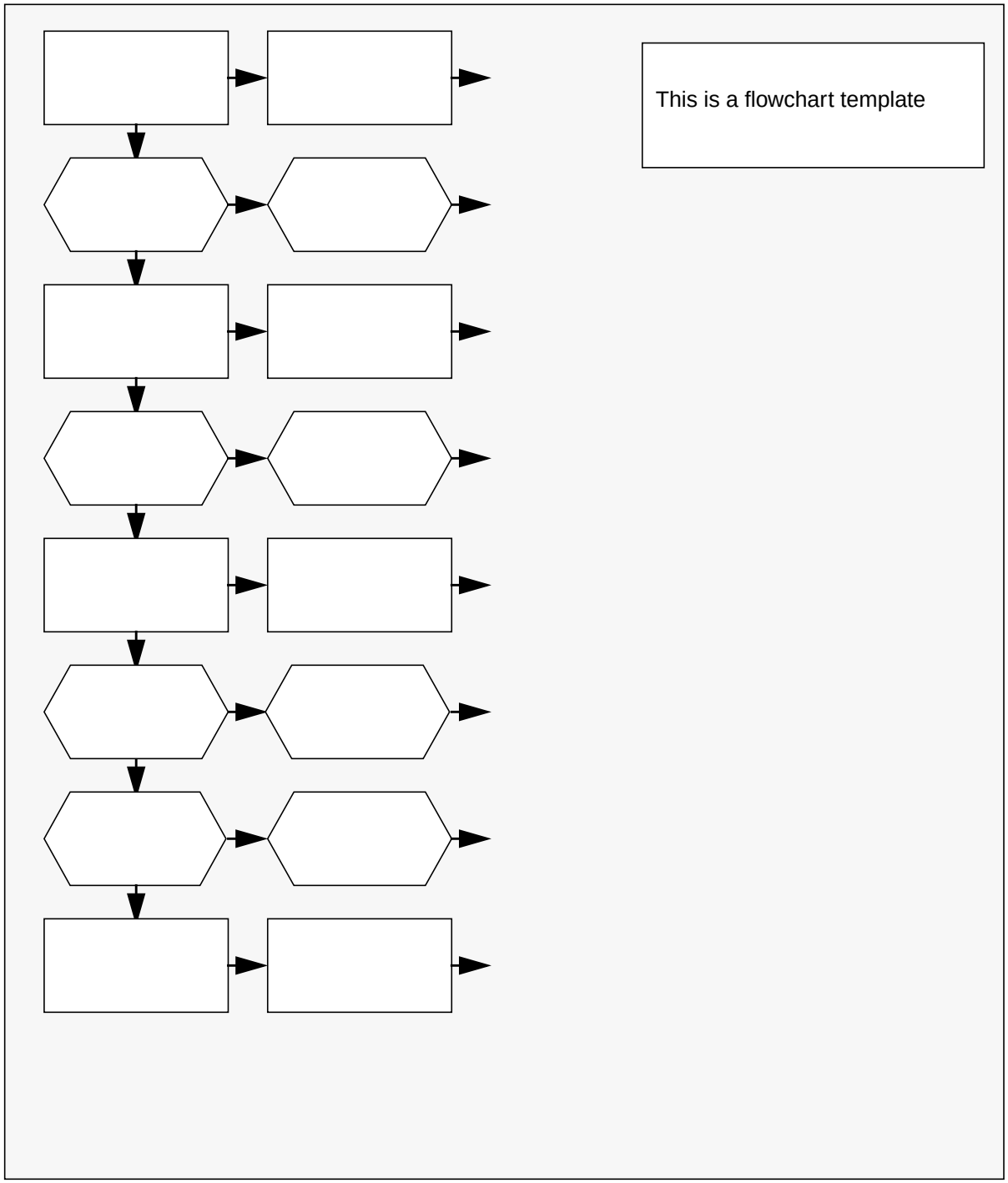


Figure 3 OM group <shortGRPNAME> registers



18.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

18.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

18.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

18.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

18.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

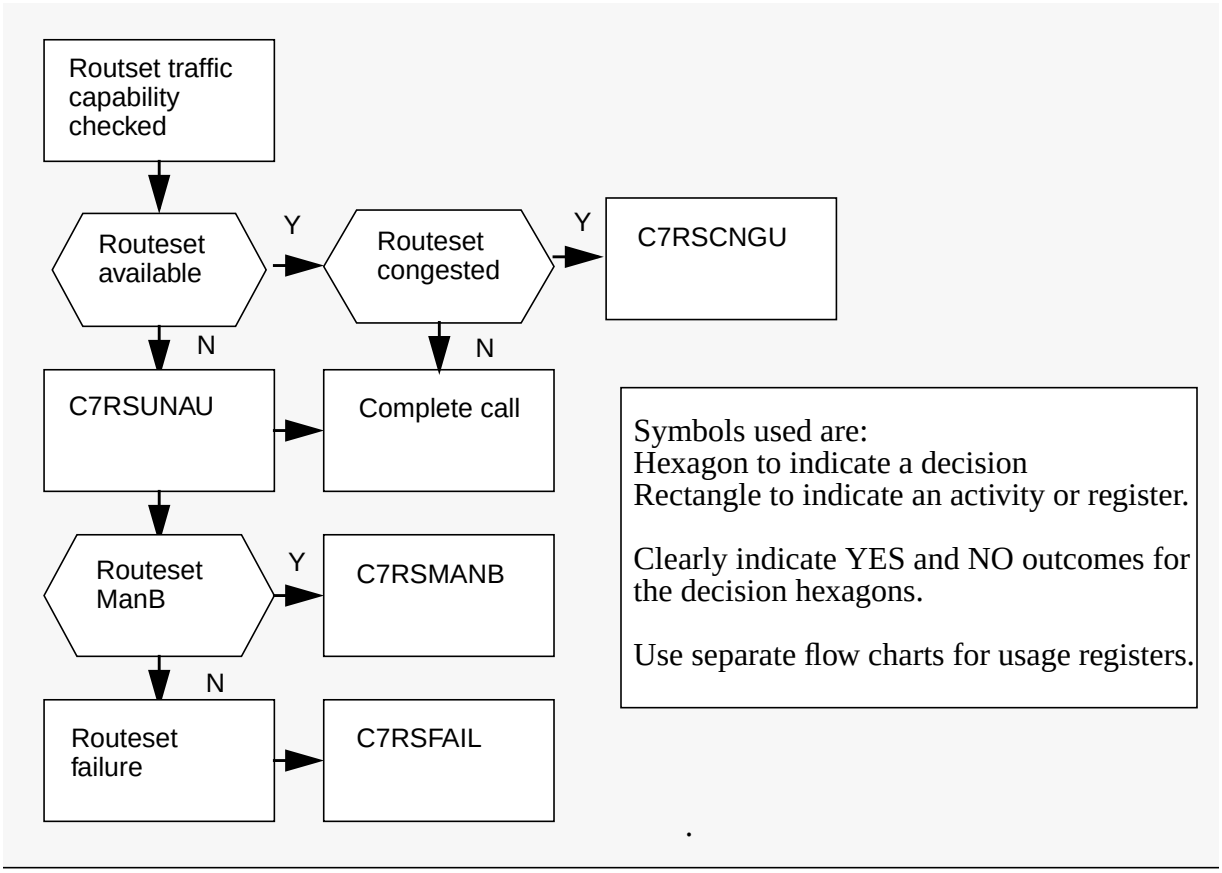
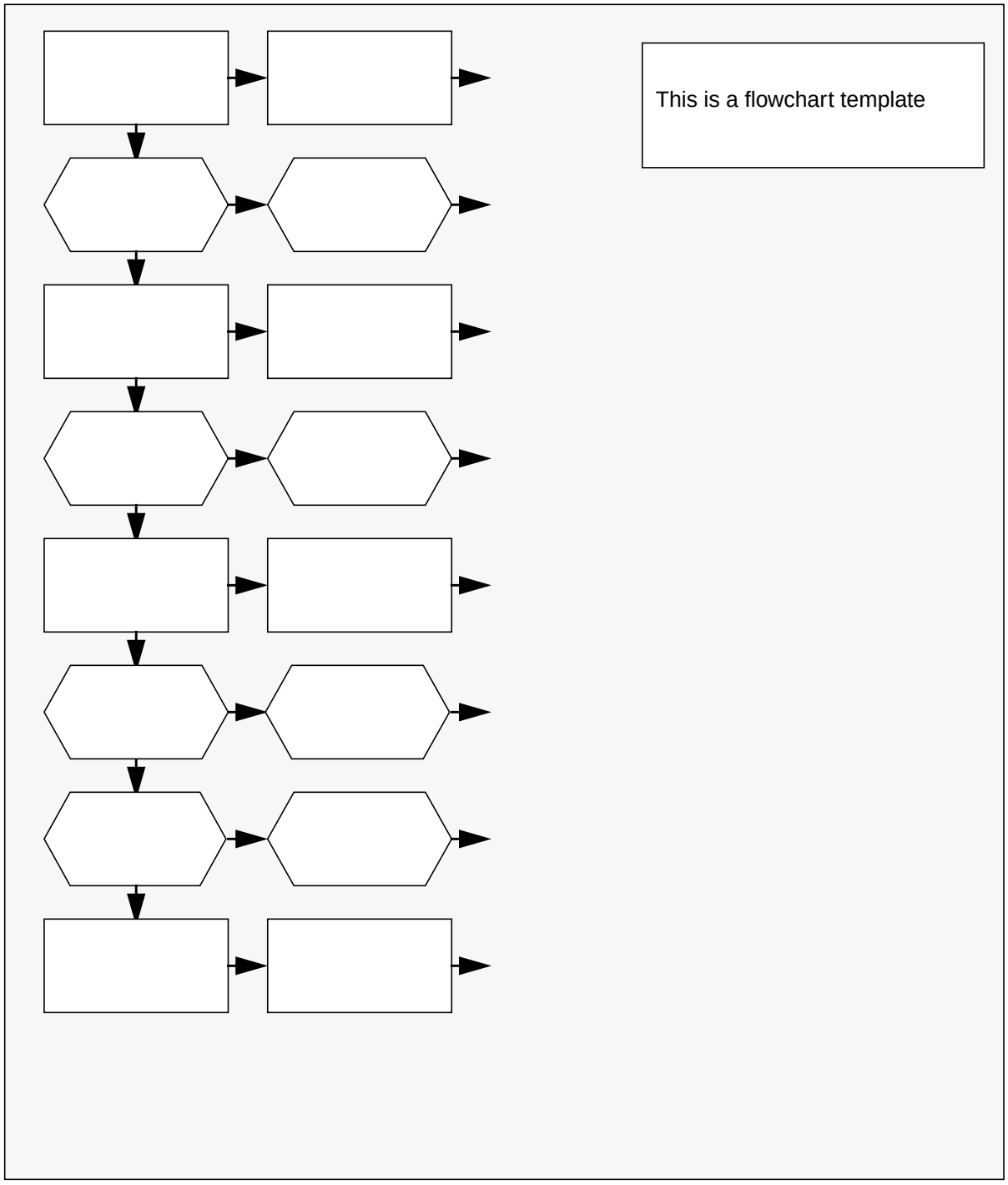


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

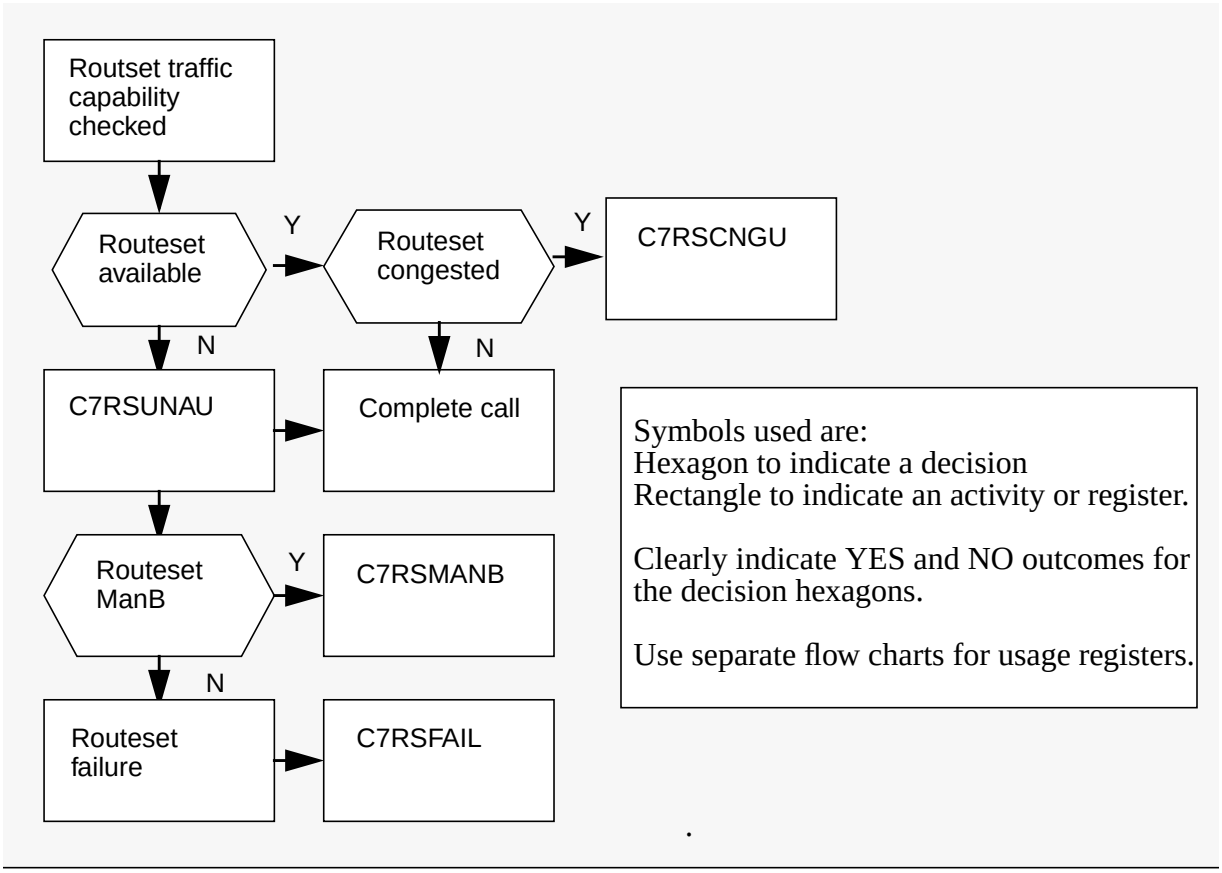
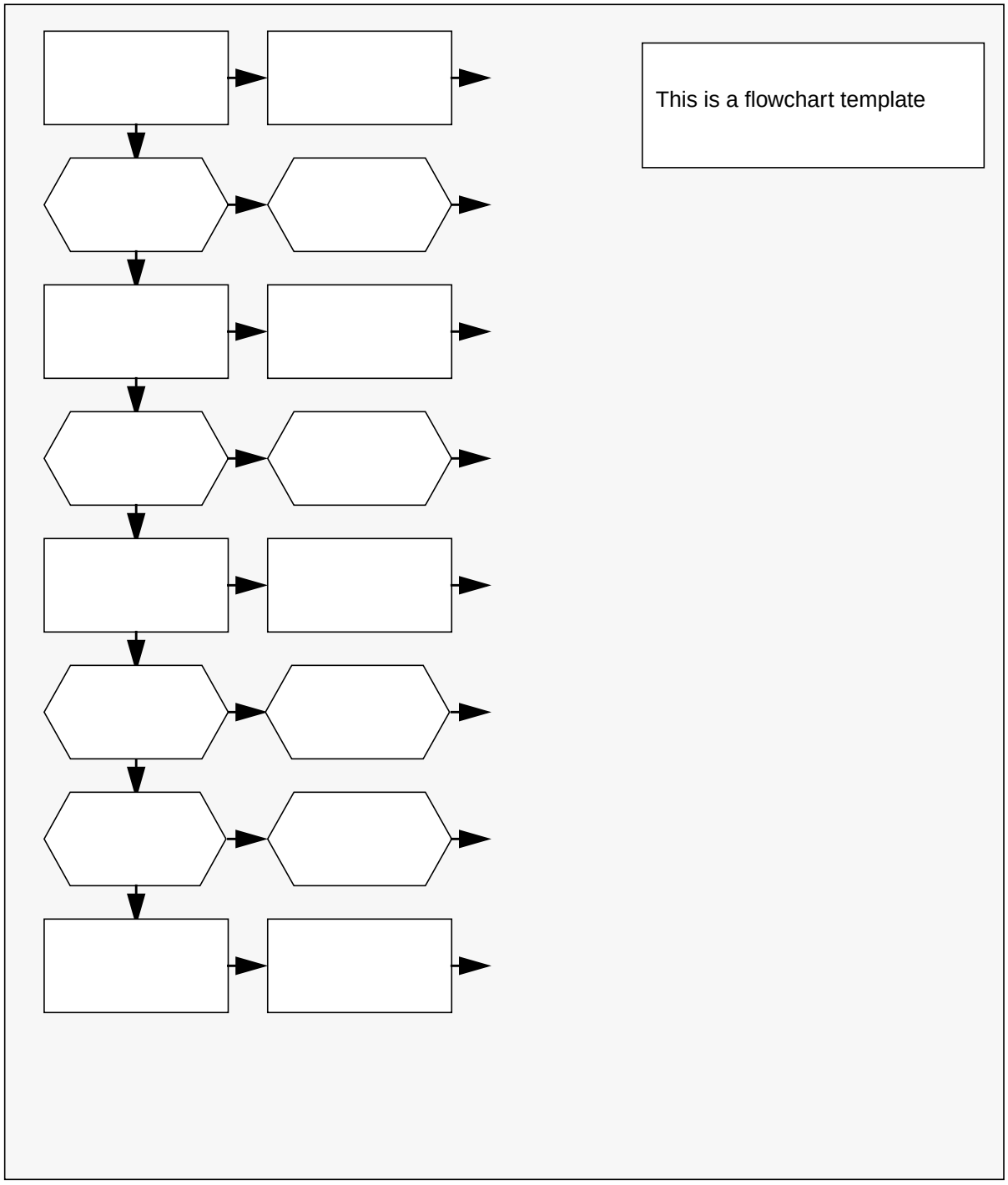


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

10: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

10.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 10.1.9.

10.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

10.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

10.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

10.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

10.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

10.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

10.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

10.1.8 OM logic flow

10.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

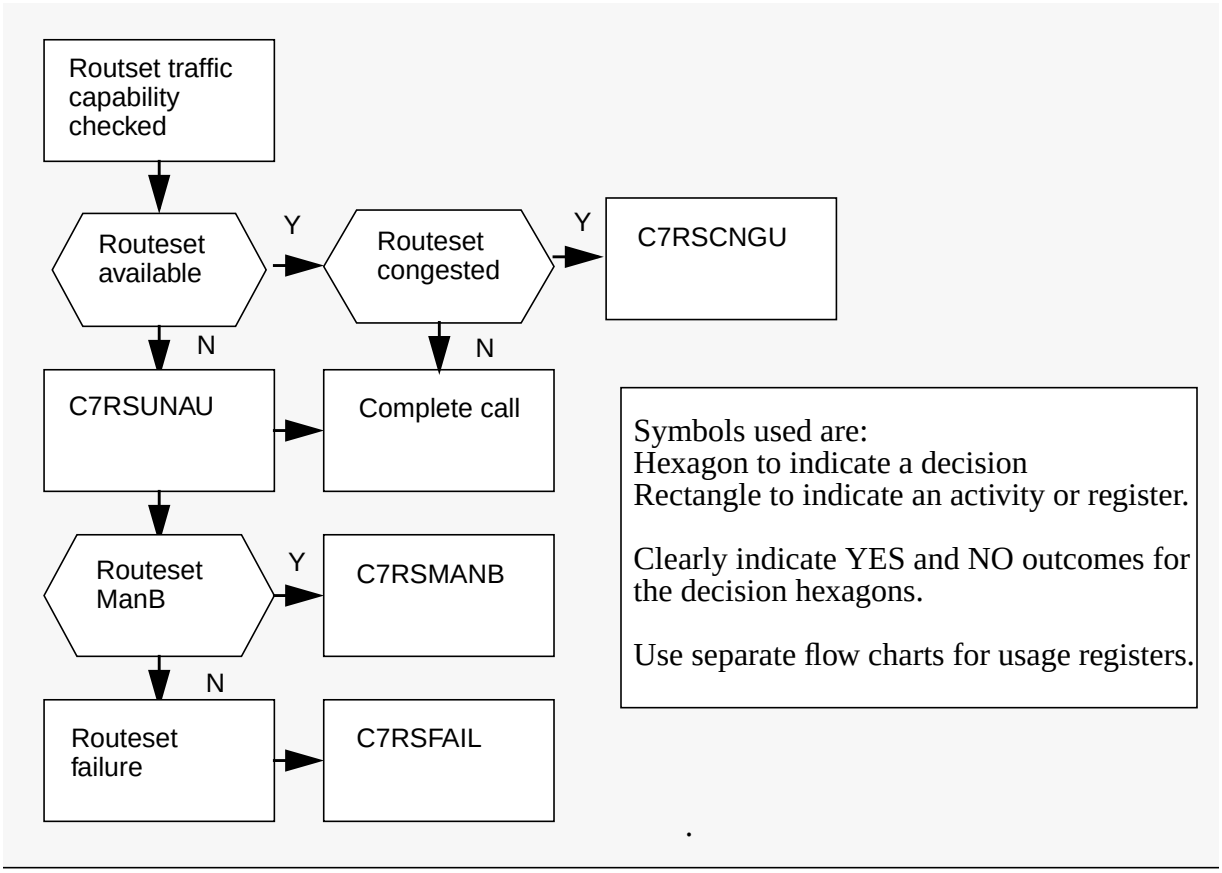
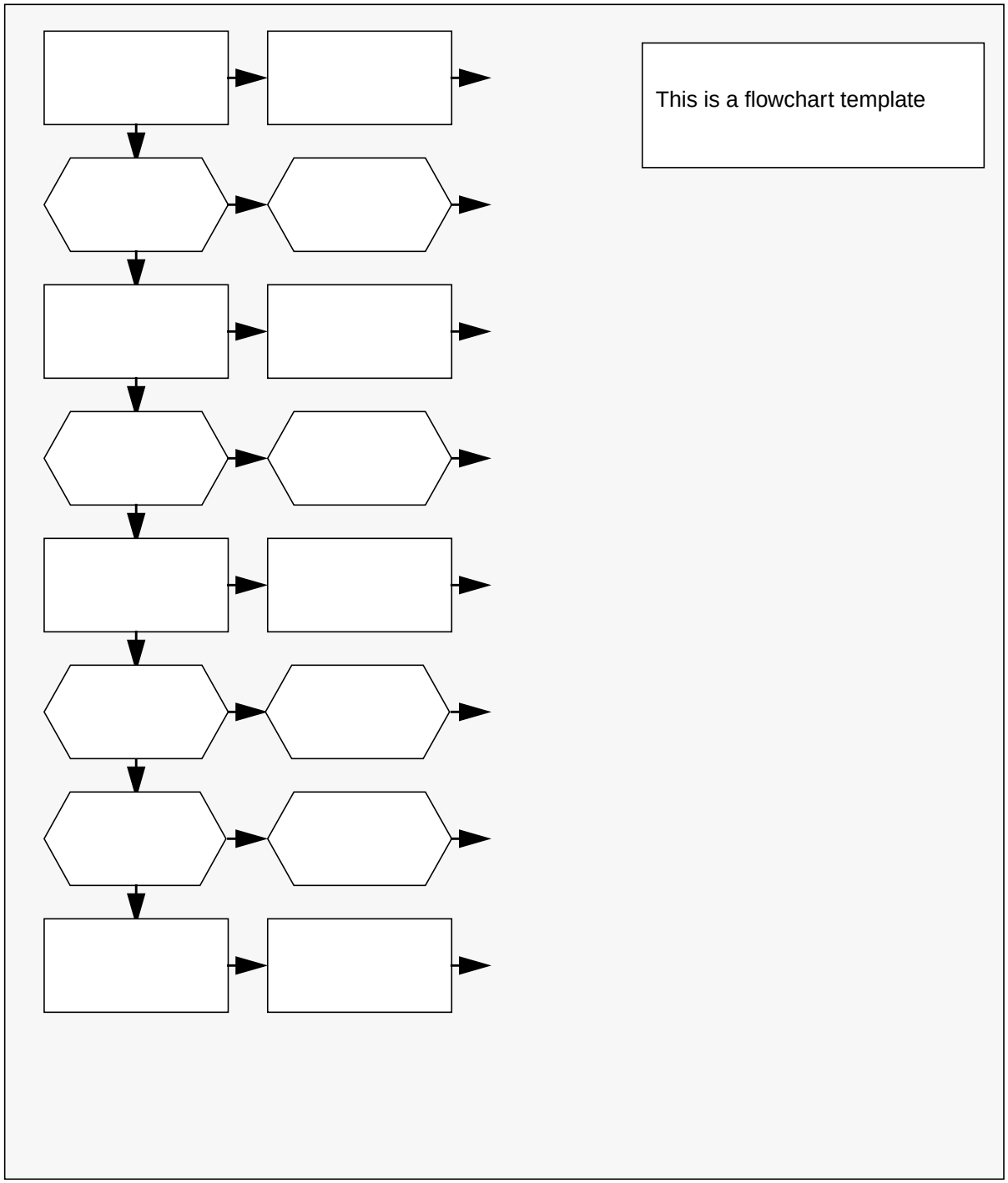


Figure 3 OM group <shortGRPNAME> registers



10.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

10.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

10.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

10.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

10.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

10: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

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Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

10.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 10.1.9.

10.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

10.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

10.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

10.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

10.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

10.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

10.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

10.1.8 OM logic flow

10.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

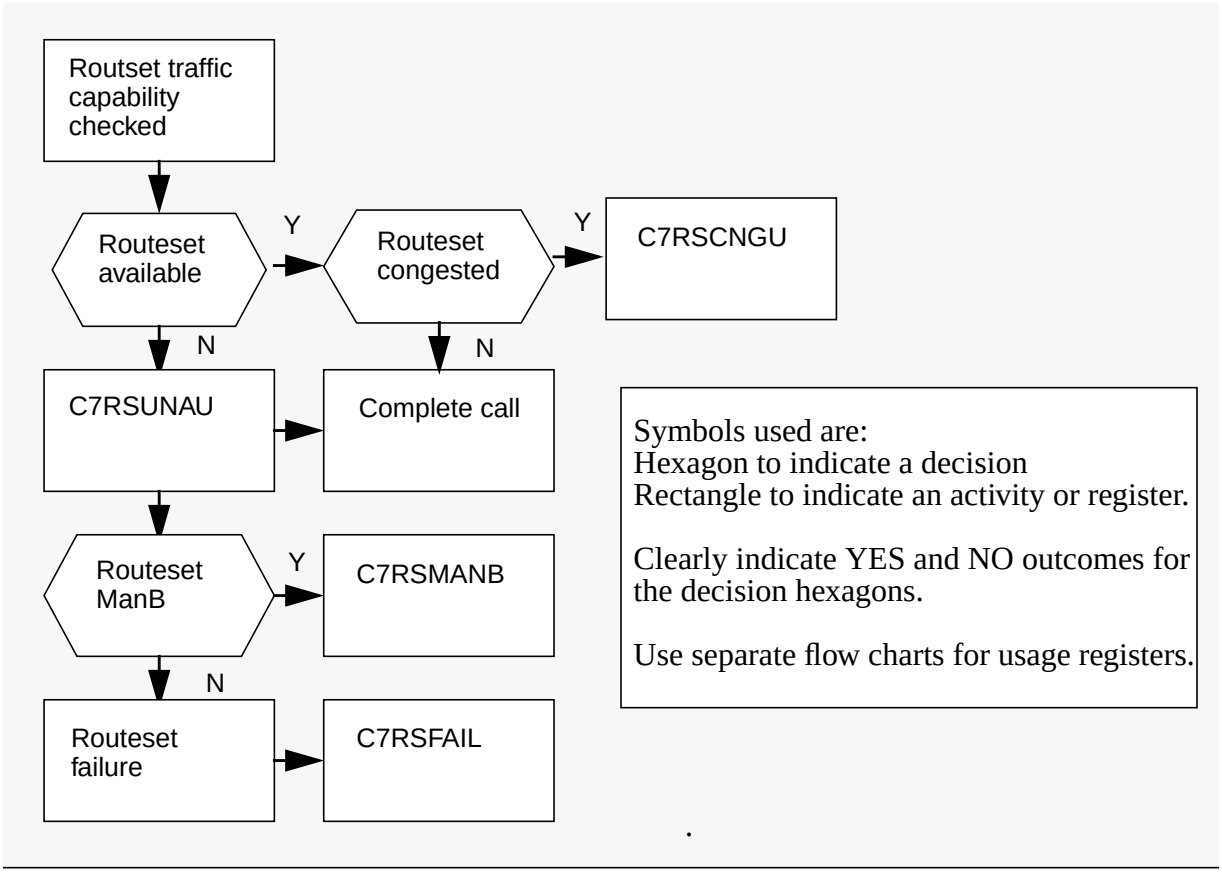
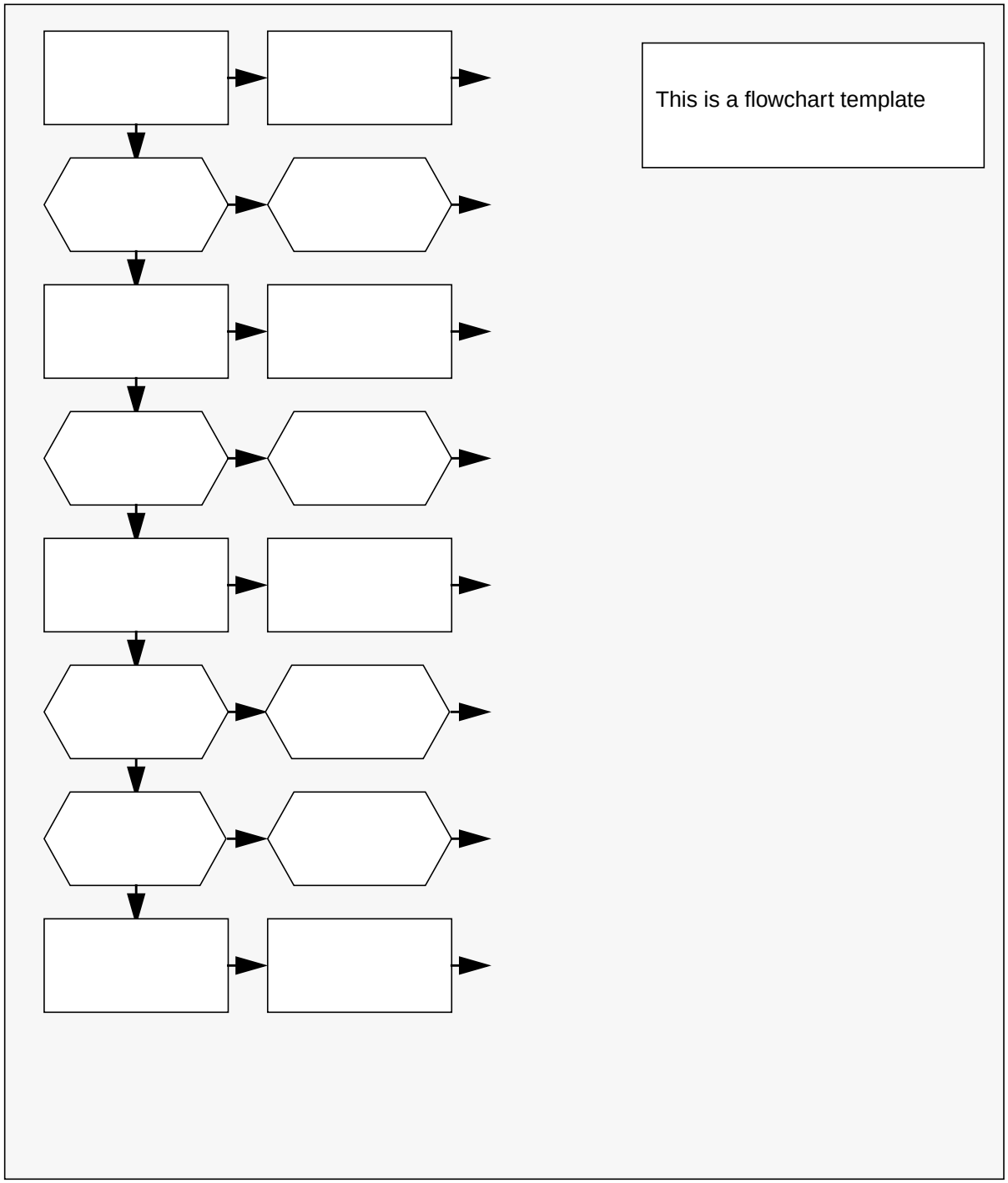


Figure 3 OM group <shortGRPNAME> registers



10.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

10.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

10.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

10.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

10.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

10: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

10.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 10.1.9.

10.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

10.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

10.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

10.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

10.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

10.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

10.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

10.1.8 OM logic flow

10.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

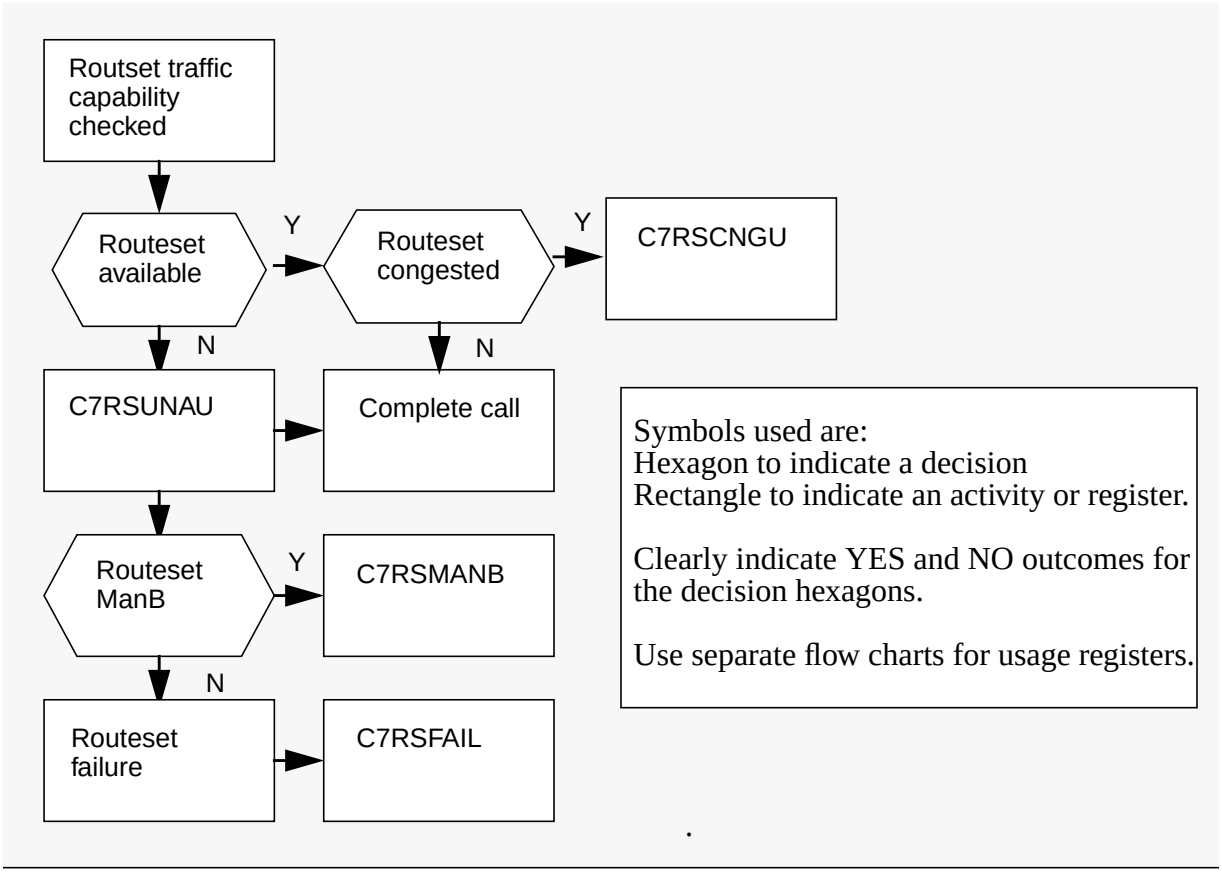
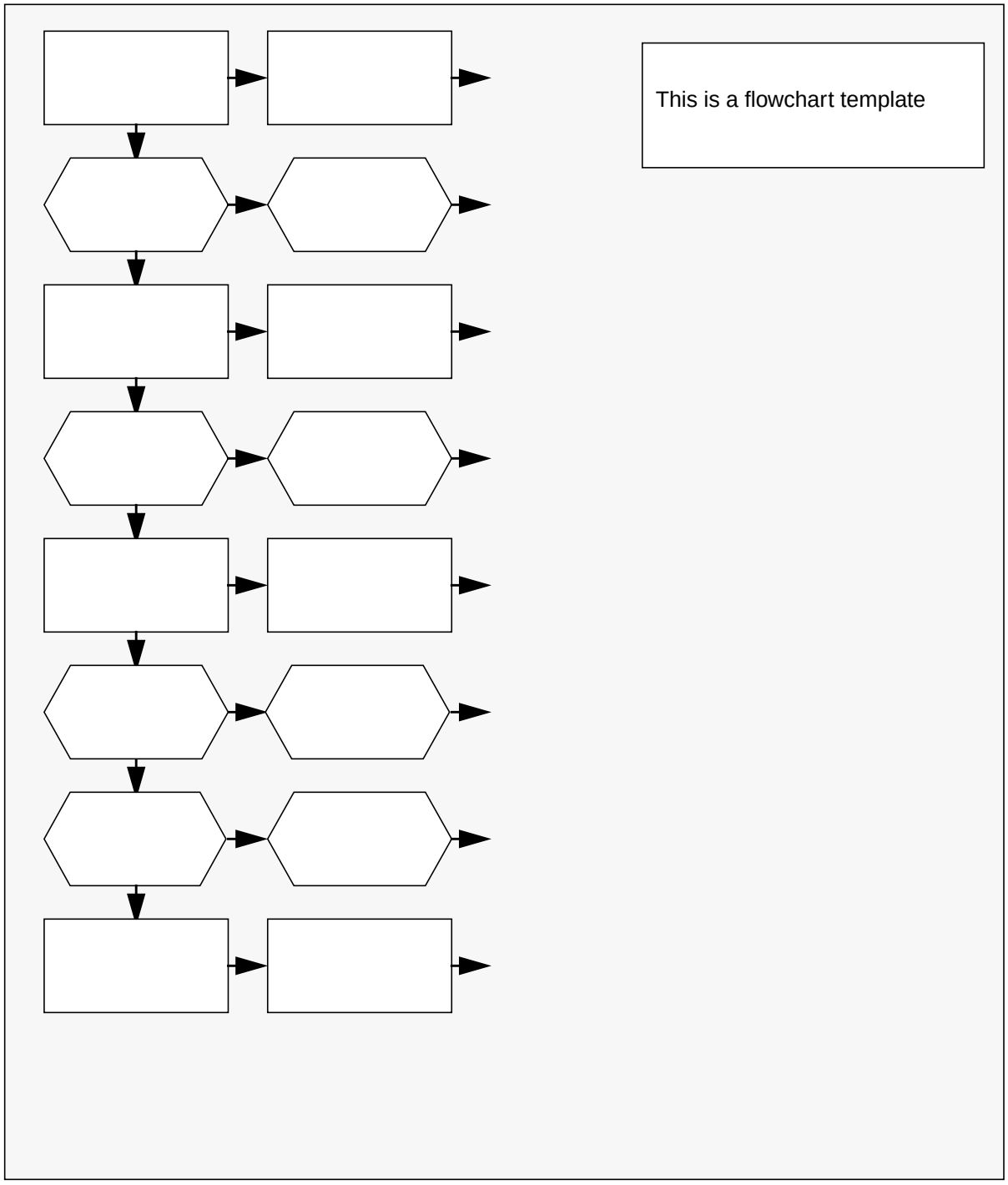


Figure 3 OM group <shortGRPNAME> registers



10.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

10.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

10.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

10.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

10.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

10: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

10.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 10.1.9.

10.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

10.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

10.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

10.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

10.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

10.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

10.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

10.1.8 OM logic flow

10.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

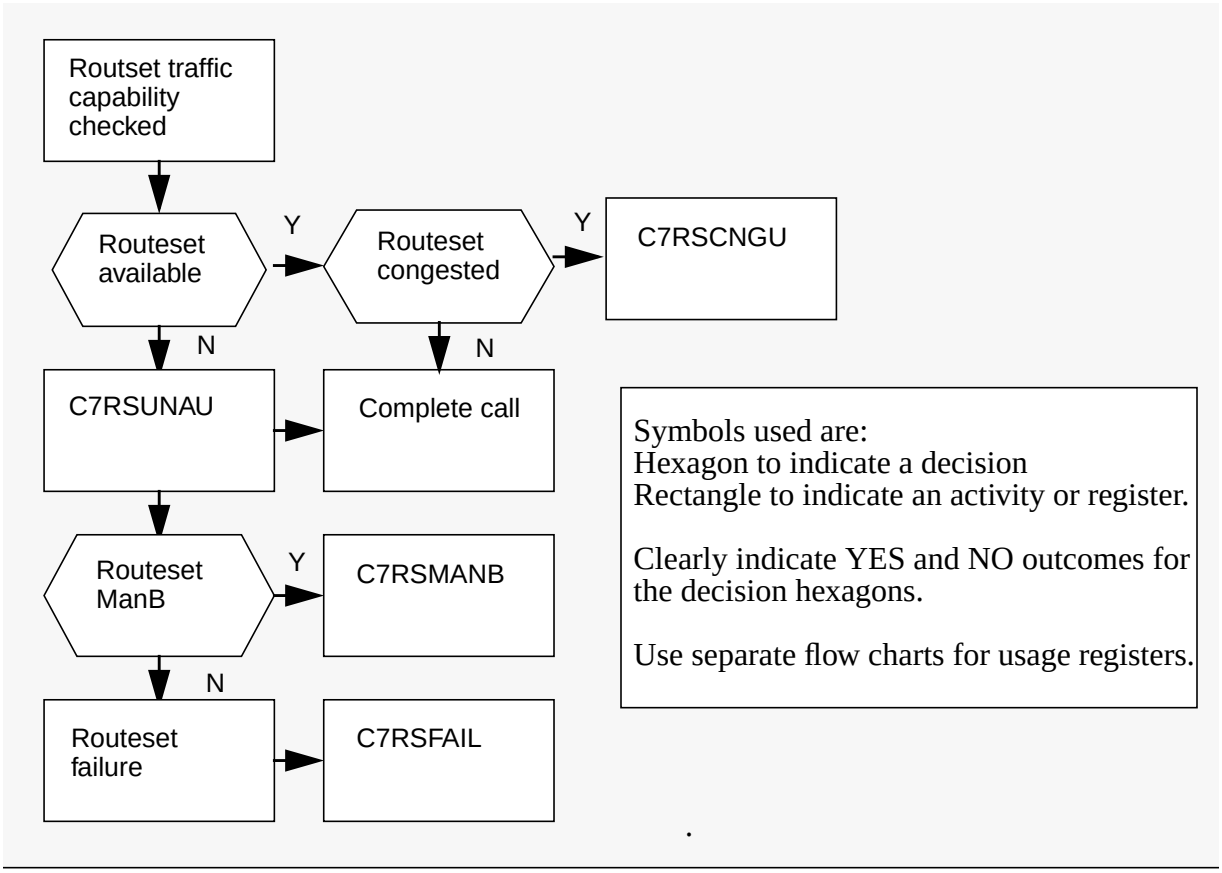
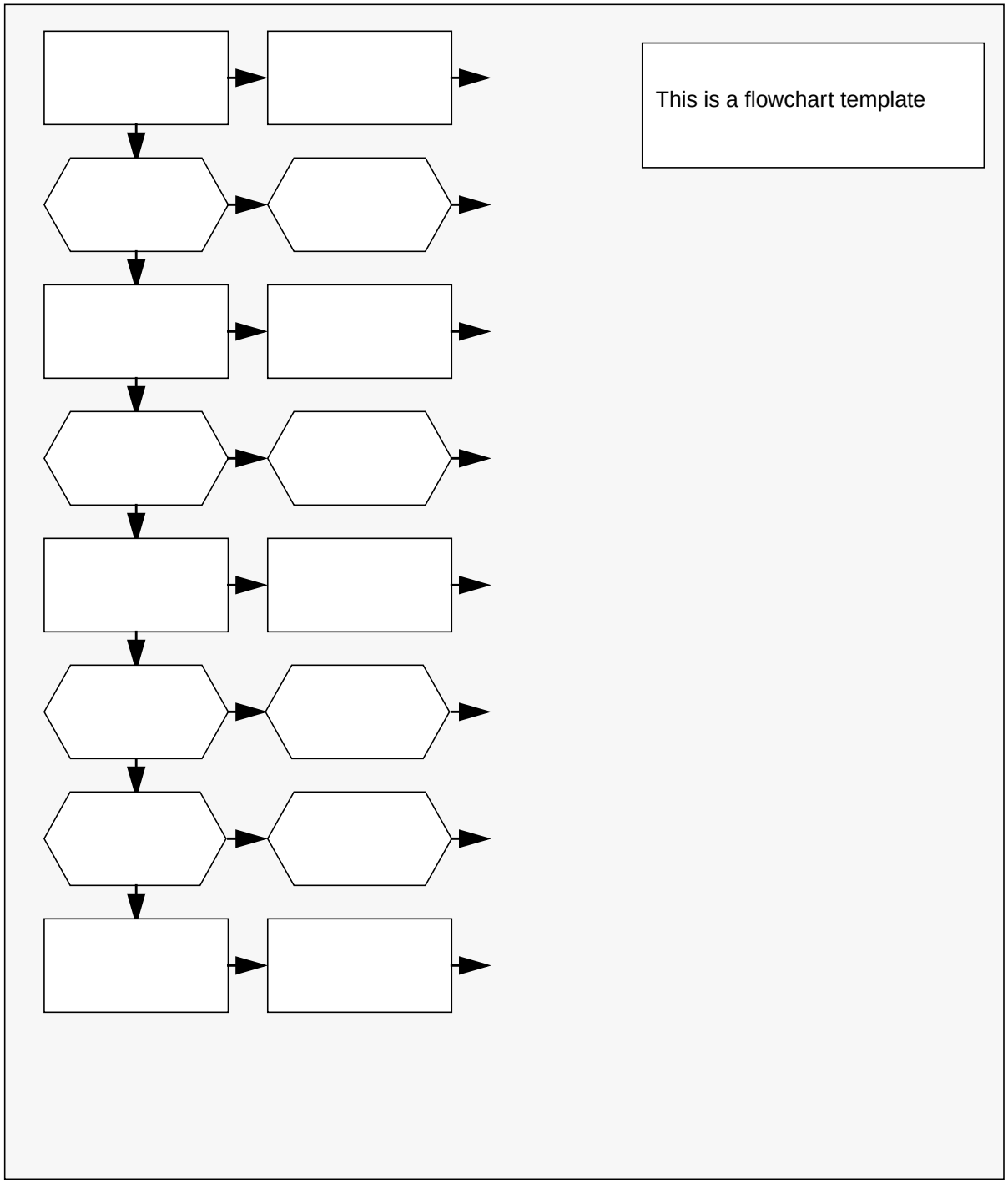


Figure 3 OM group <shortGRPNAME> registers



10.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

10.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

10.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

10.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

10.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

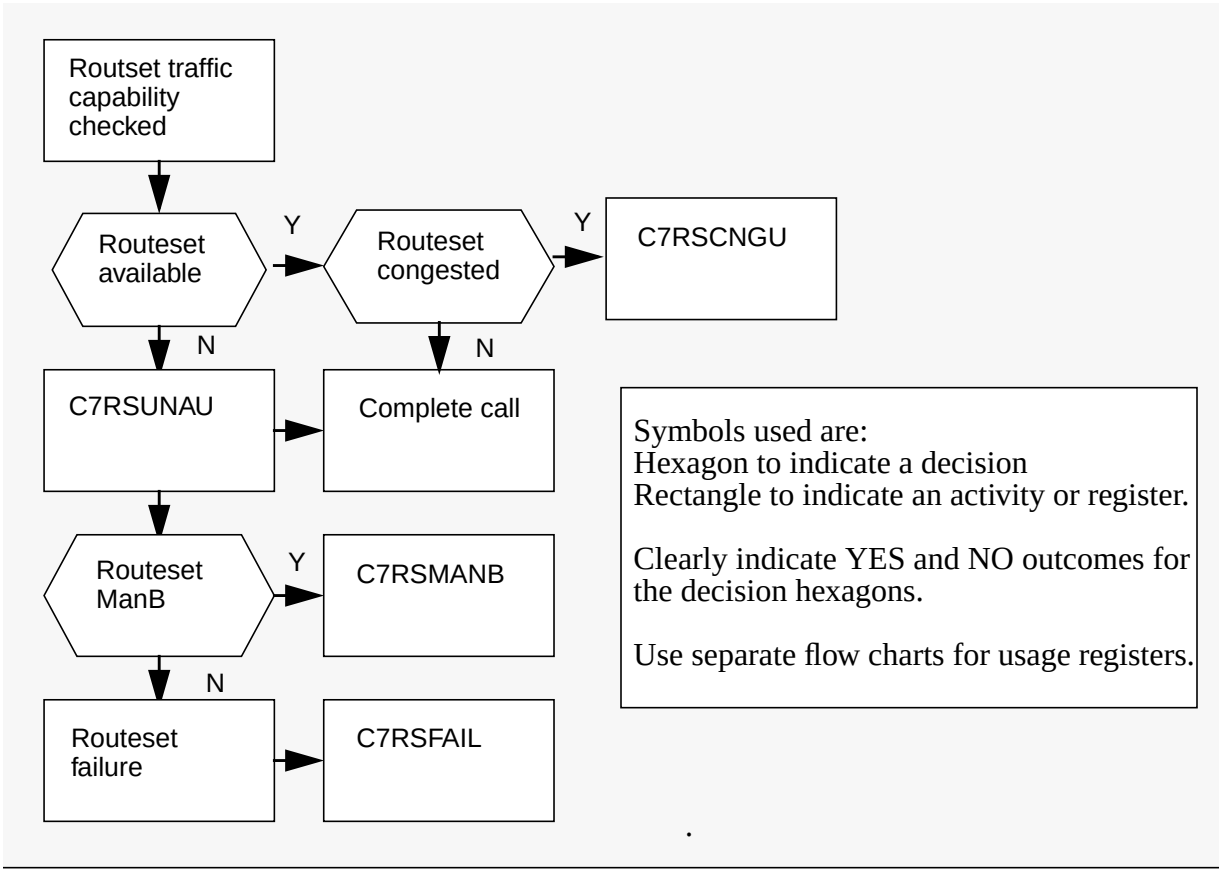
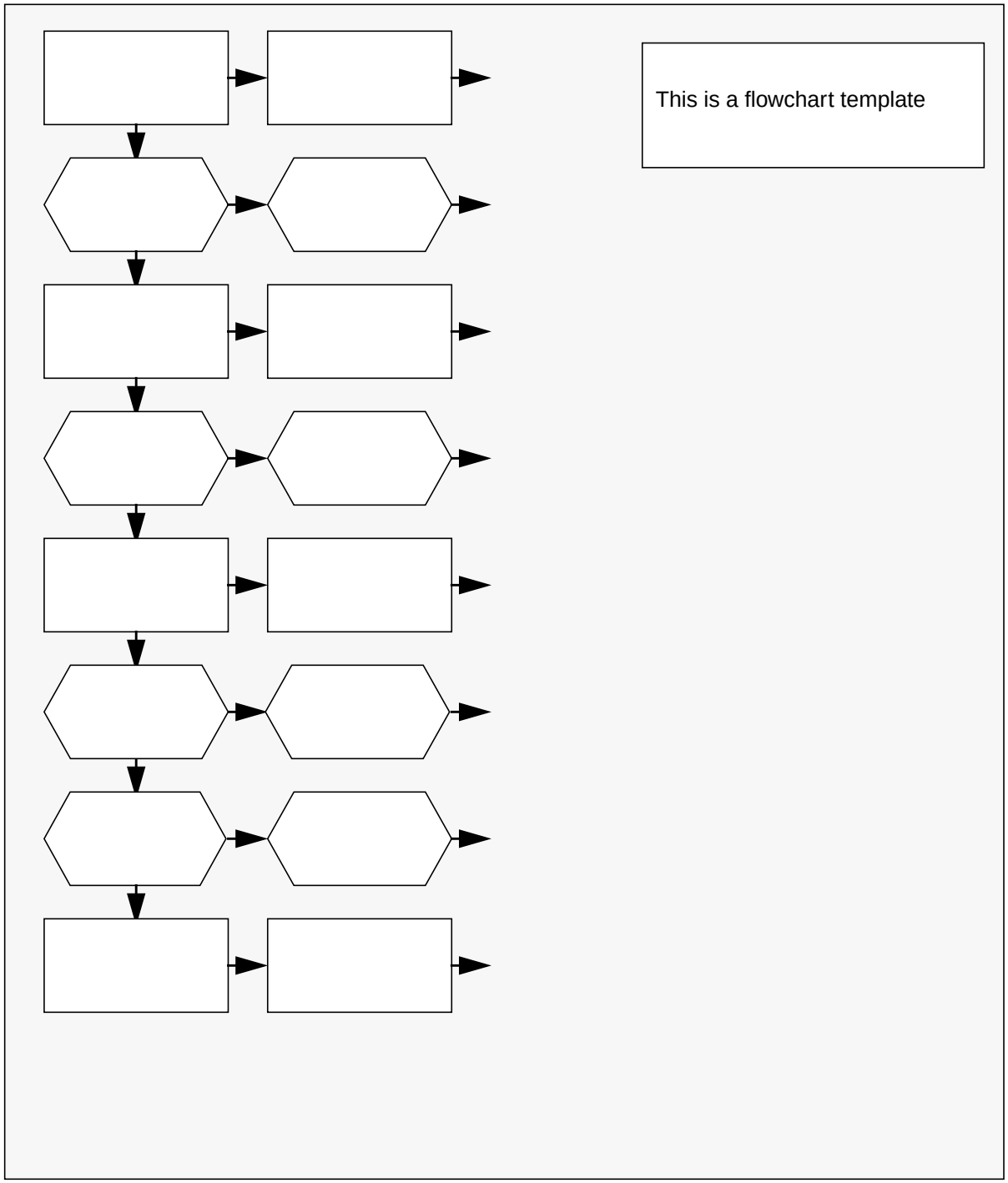


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

15: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

15.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 15.1.9.

15.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

15.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

15.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

15.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

15.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

15.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

15.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

15.1.8 OM logic flow

15.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

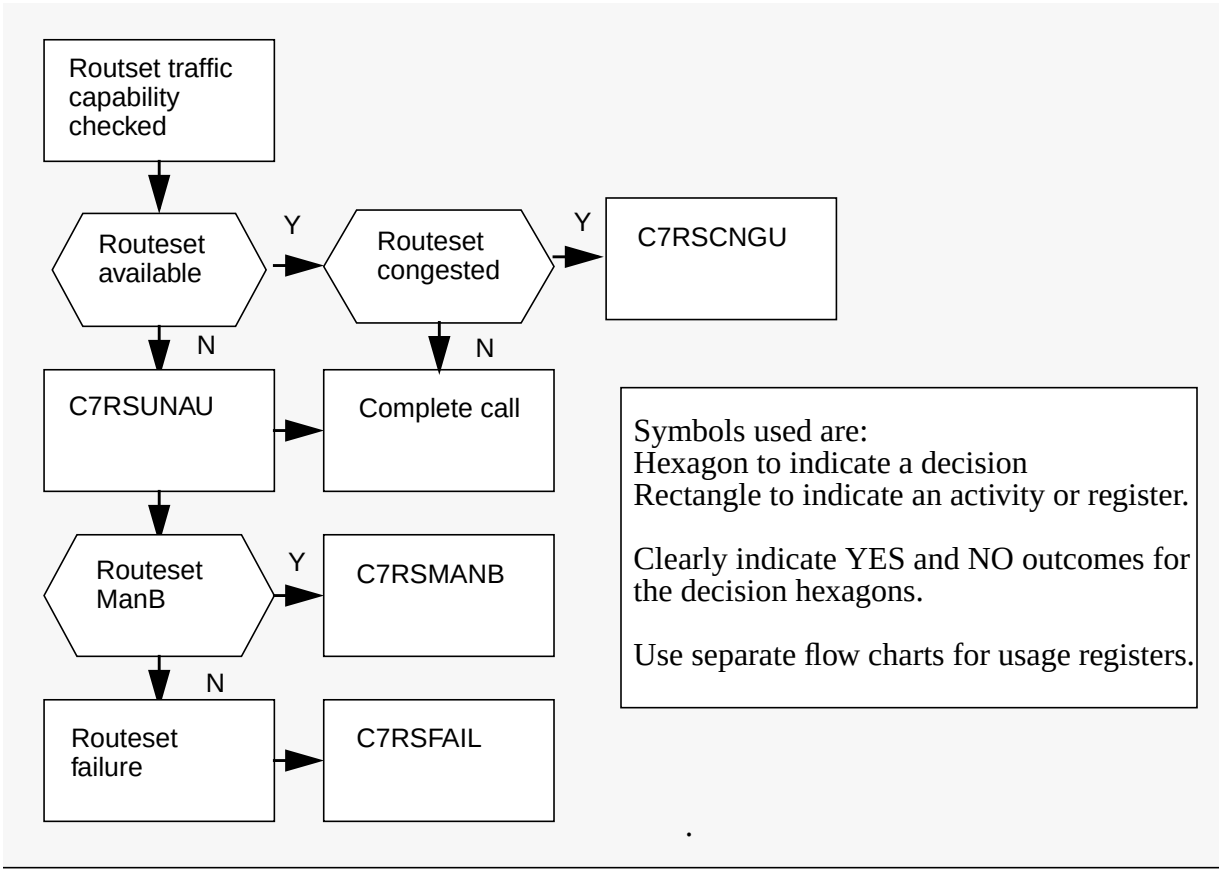
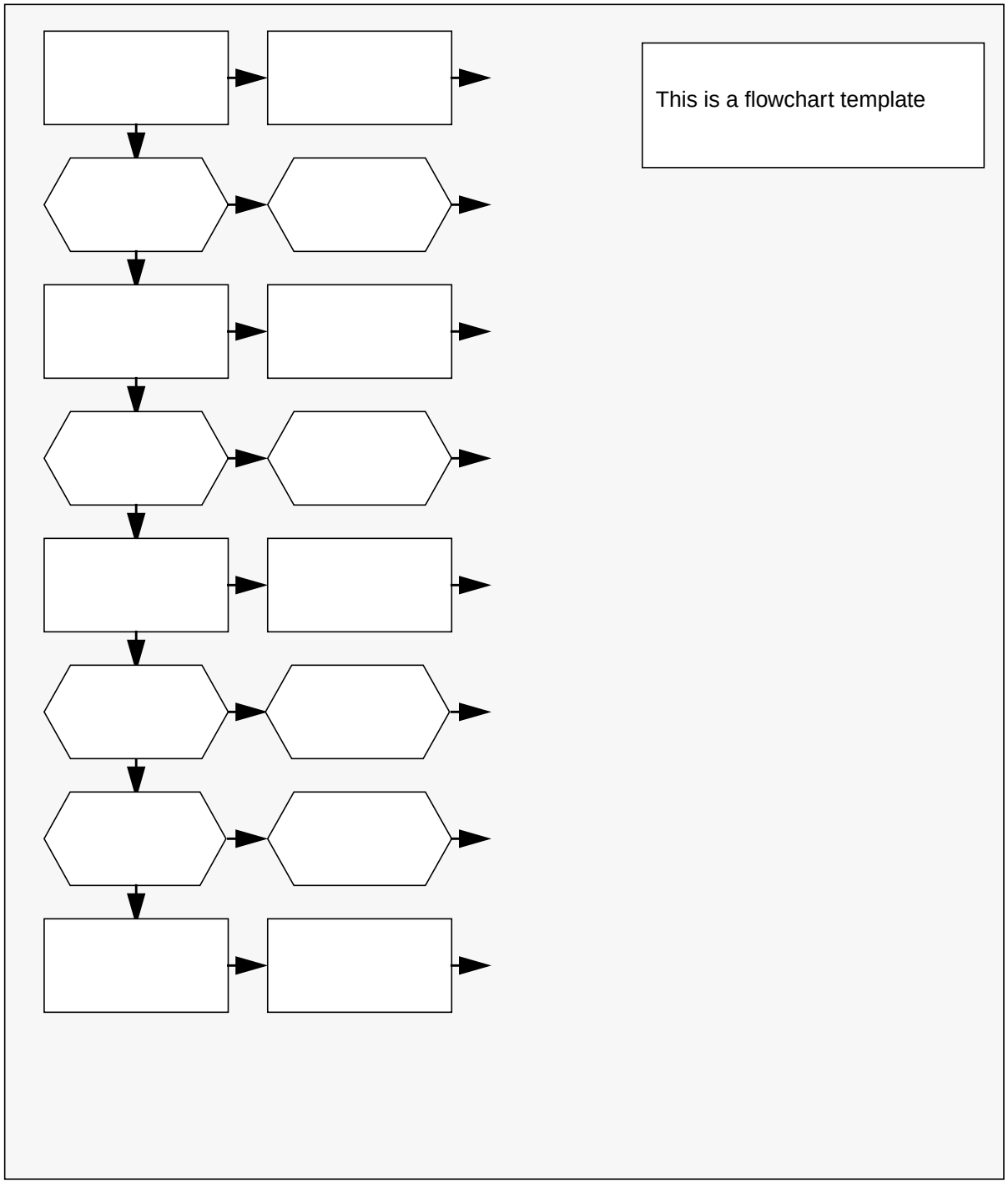


Figure 3 OM group <shortGRPNAME> registers



15.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

15.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

15.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

15.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

15.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
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Figure 2 Sample flowchart: OM group C7RTESET registers

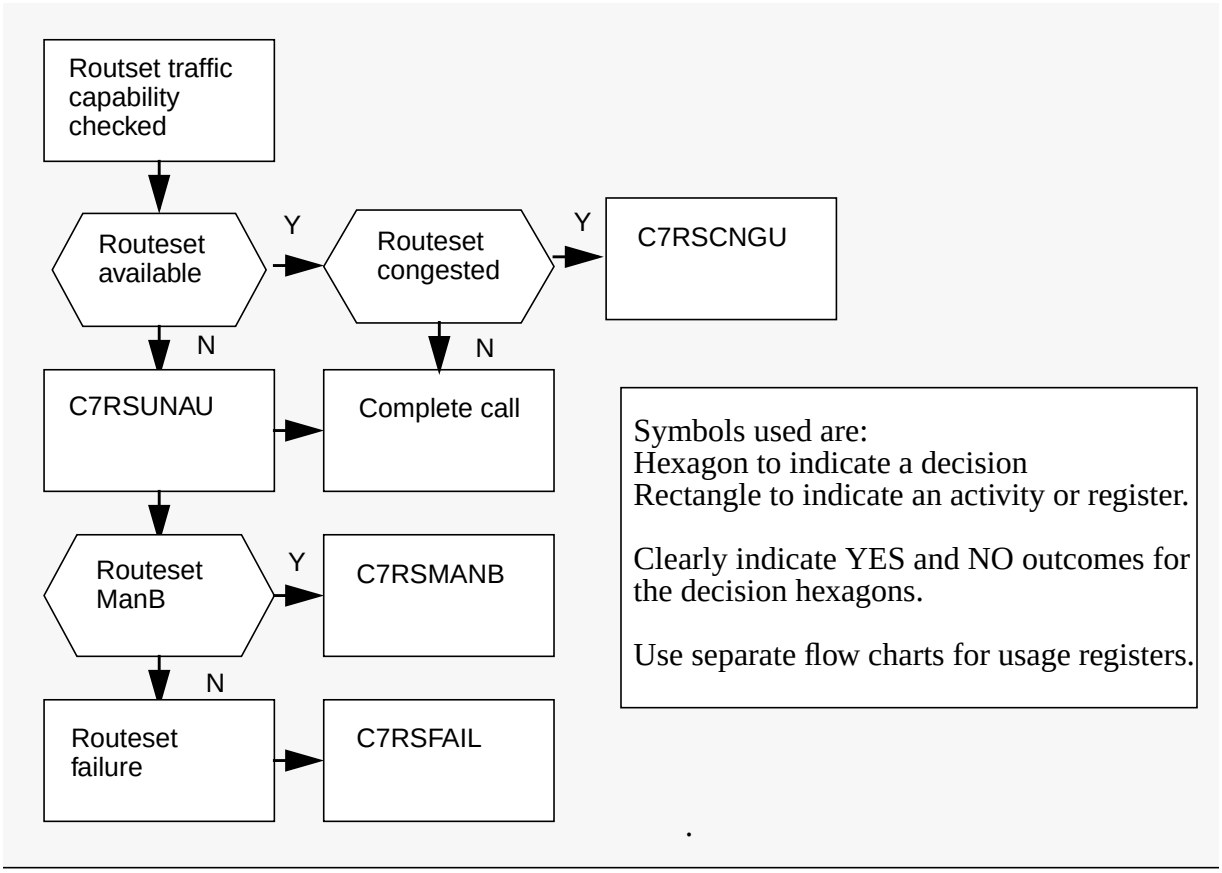
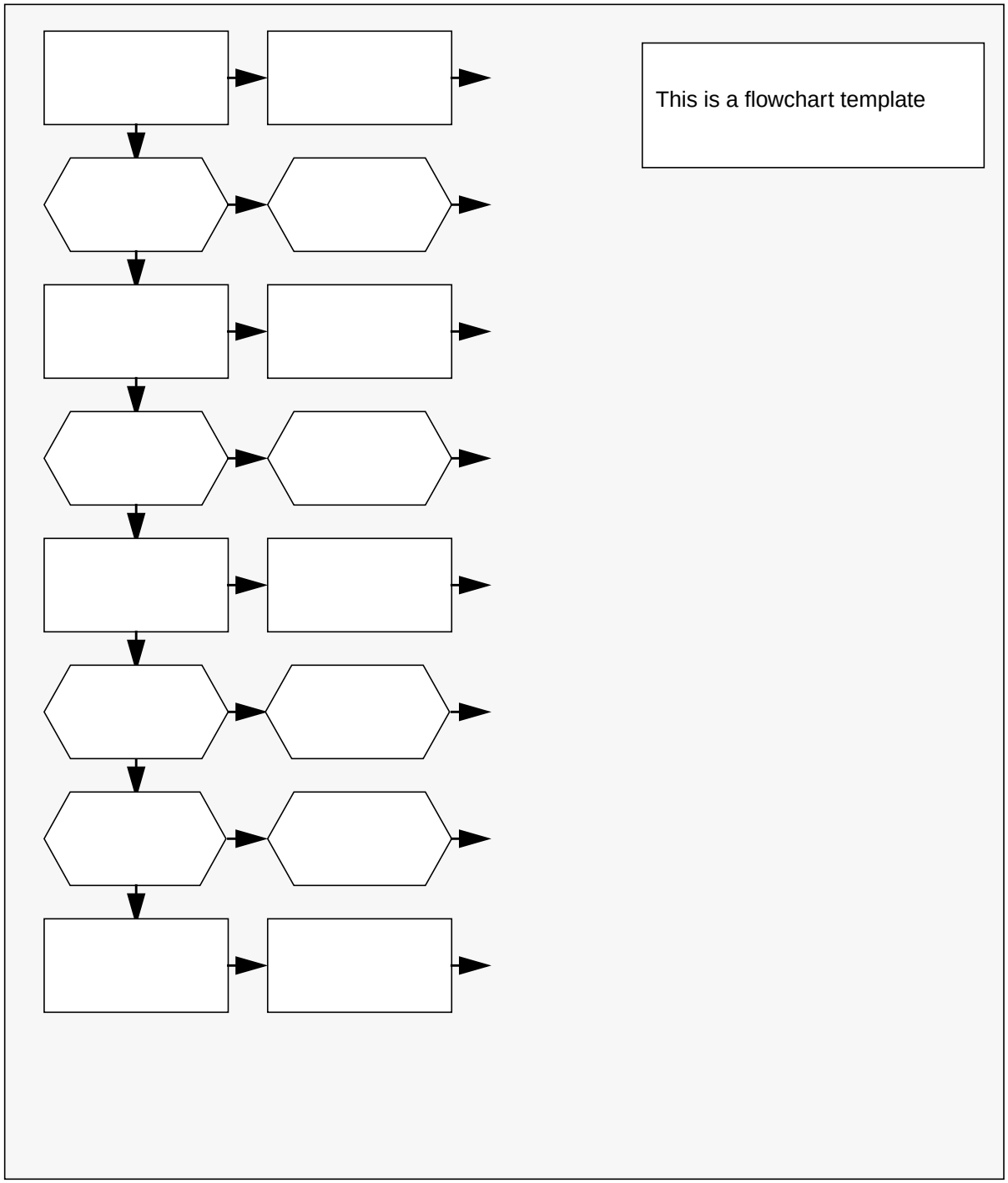


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

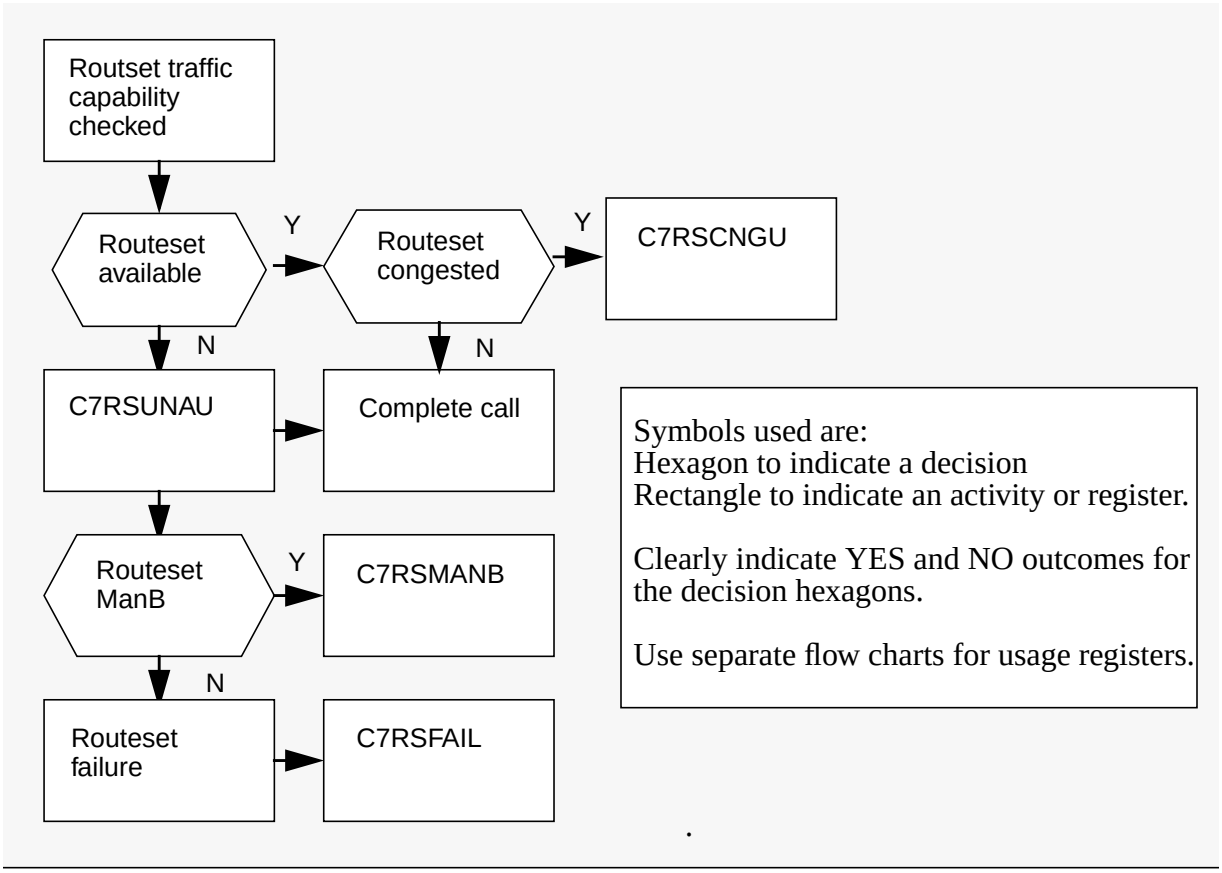
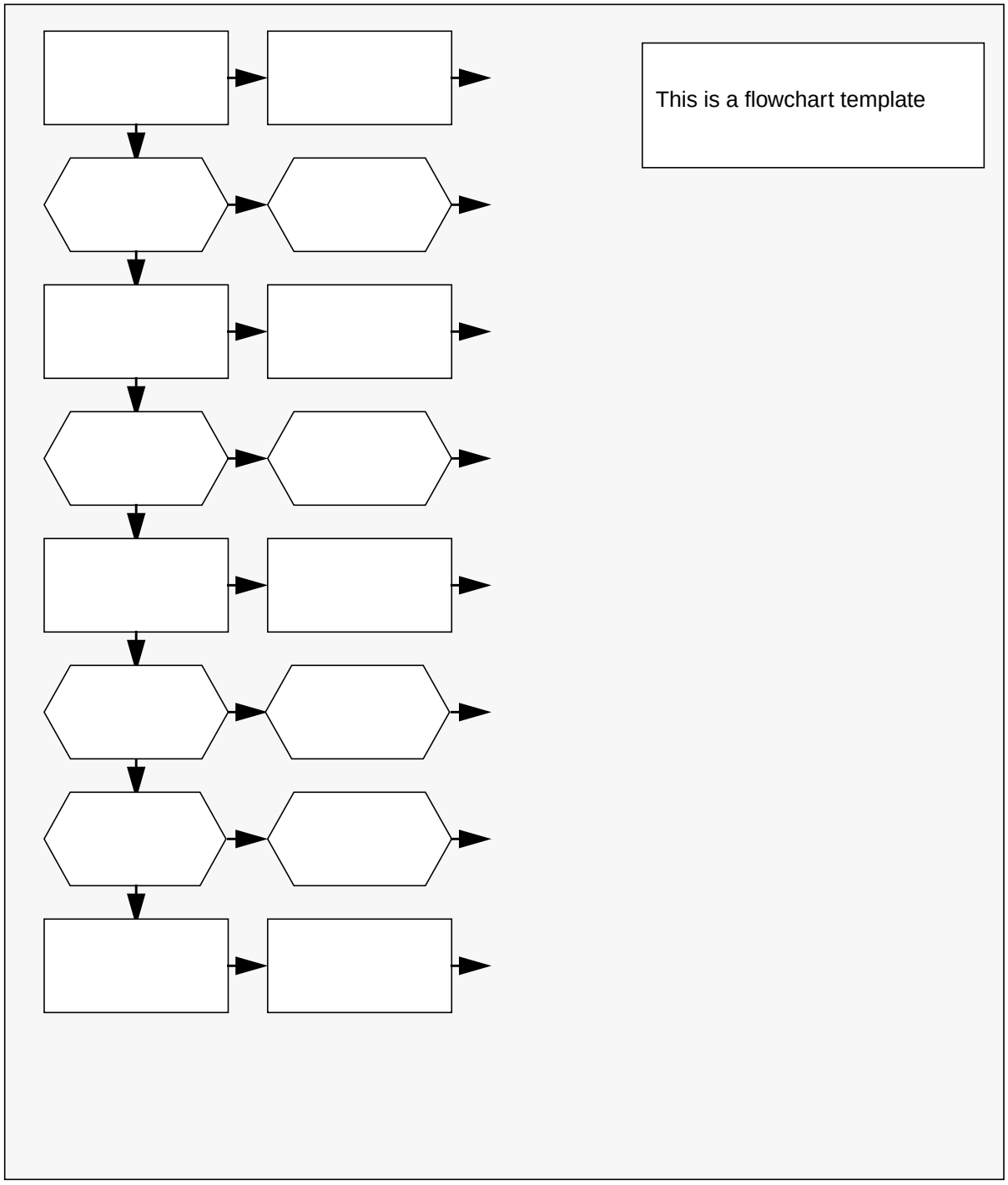


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

15: Operational measurement changes (OM)

15.1 Group <short name>

N/A

15.1.1 OM description

<shortGRPNAME>

<longGRPNAME>

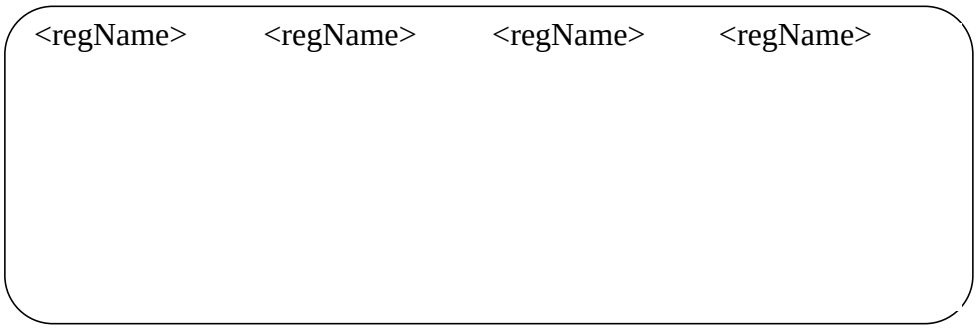
15.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

15.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display



15.1.4 Group structure

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

15.1.5 Associated OM groups

<None>

15.1.6 Associated functional groups

The following functional groups are associated with OM group <shortGRPNAME>: <None>

15.1.7 Associated functionality codes

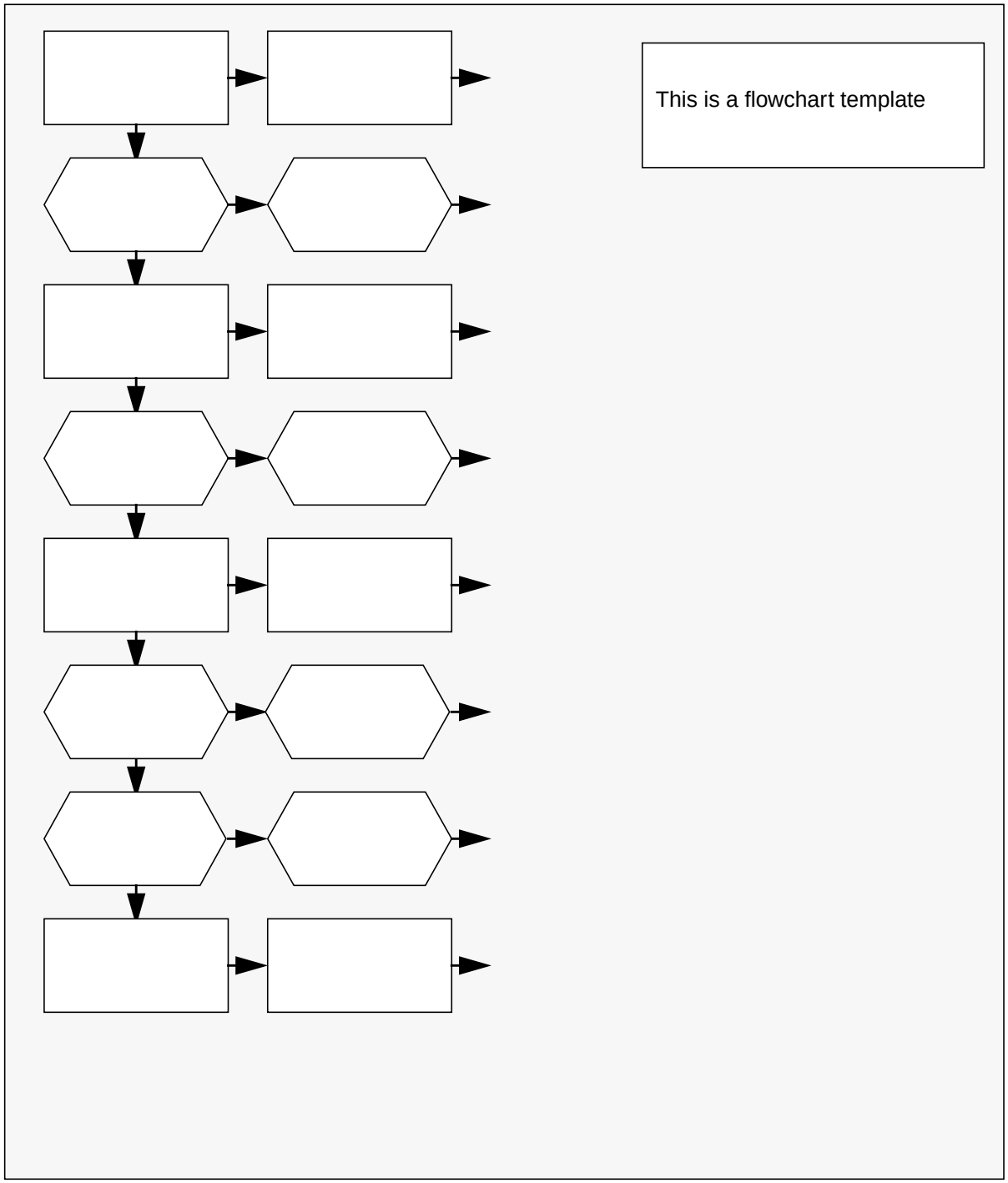
Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

15.1.8 OM logic flow

15.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Figure 2 OM group <shortGRPNAME> registers



15.1.9 Register <short name>

15.1.9.1 Register description

Register <long name>

15.1.9.2 Register <short name> release history update

Register <short name> is being modified in <release>.

15.1.9.3 Associated registers

<None>

15.1.9.4 Associated logs

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
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OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
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Figure 2 Sample flowchart: OM group C7RTESET registers

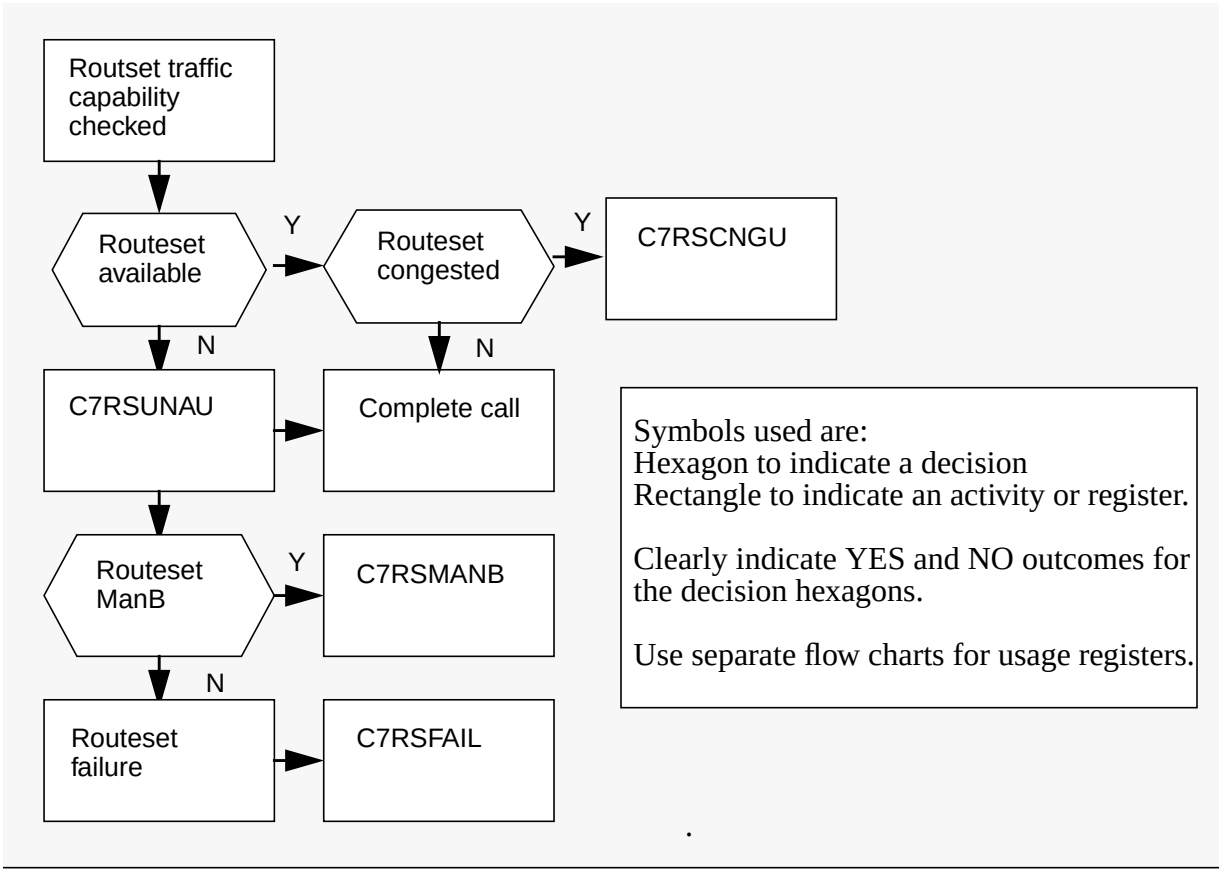
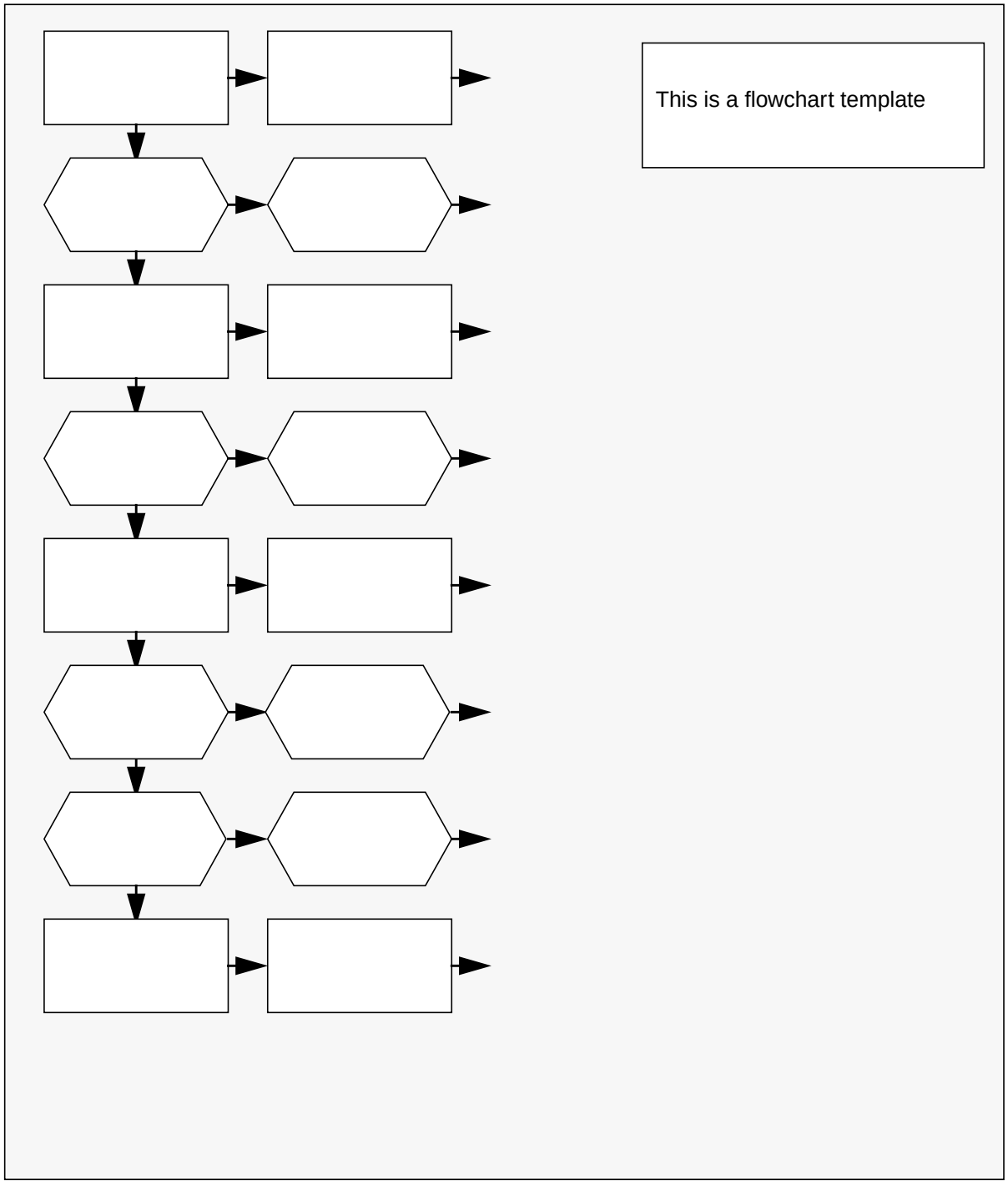


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

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16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

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Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

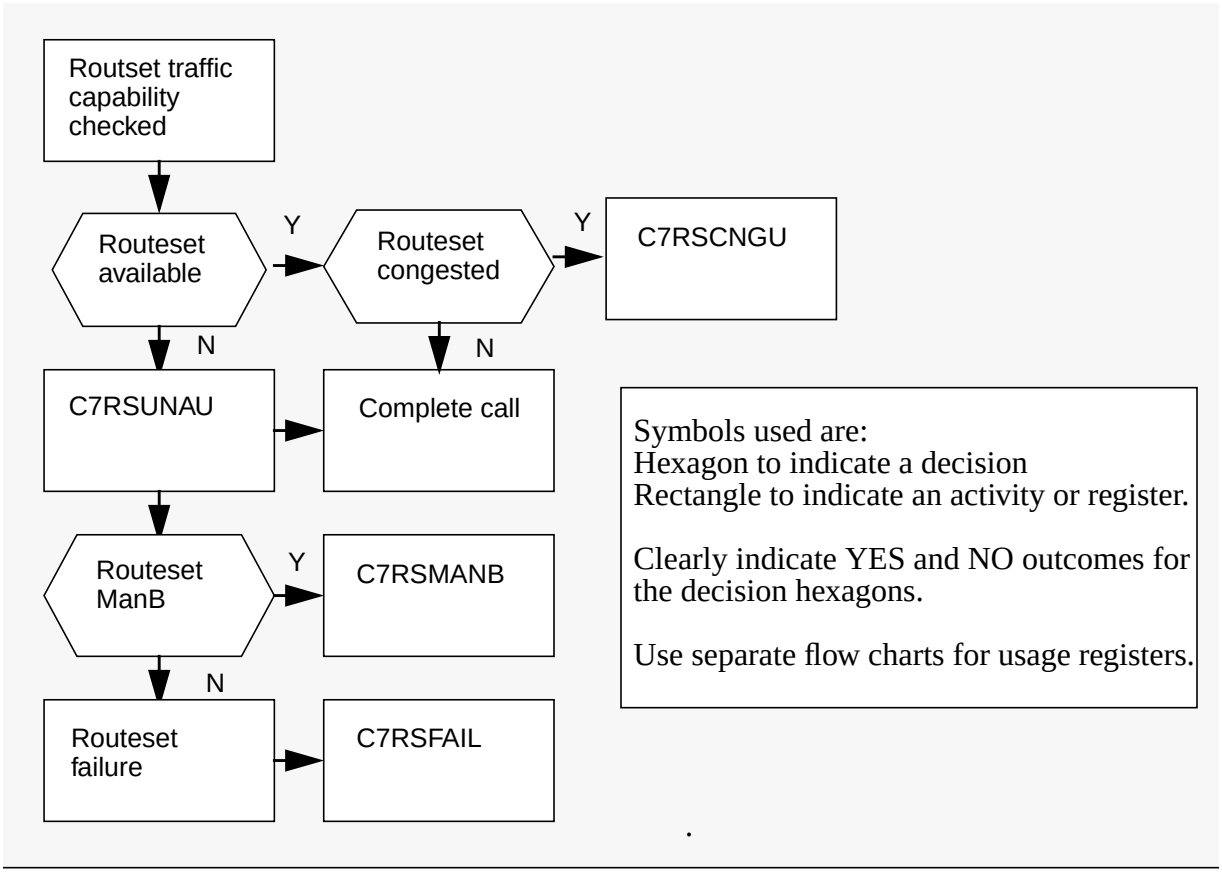
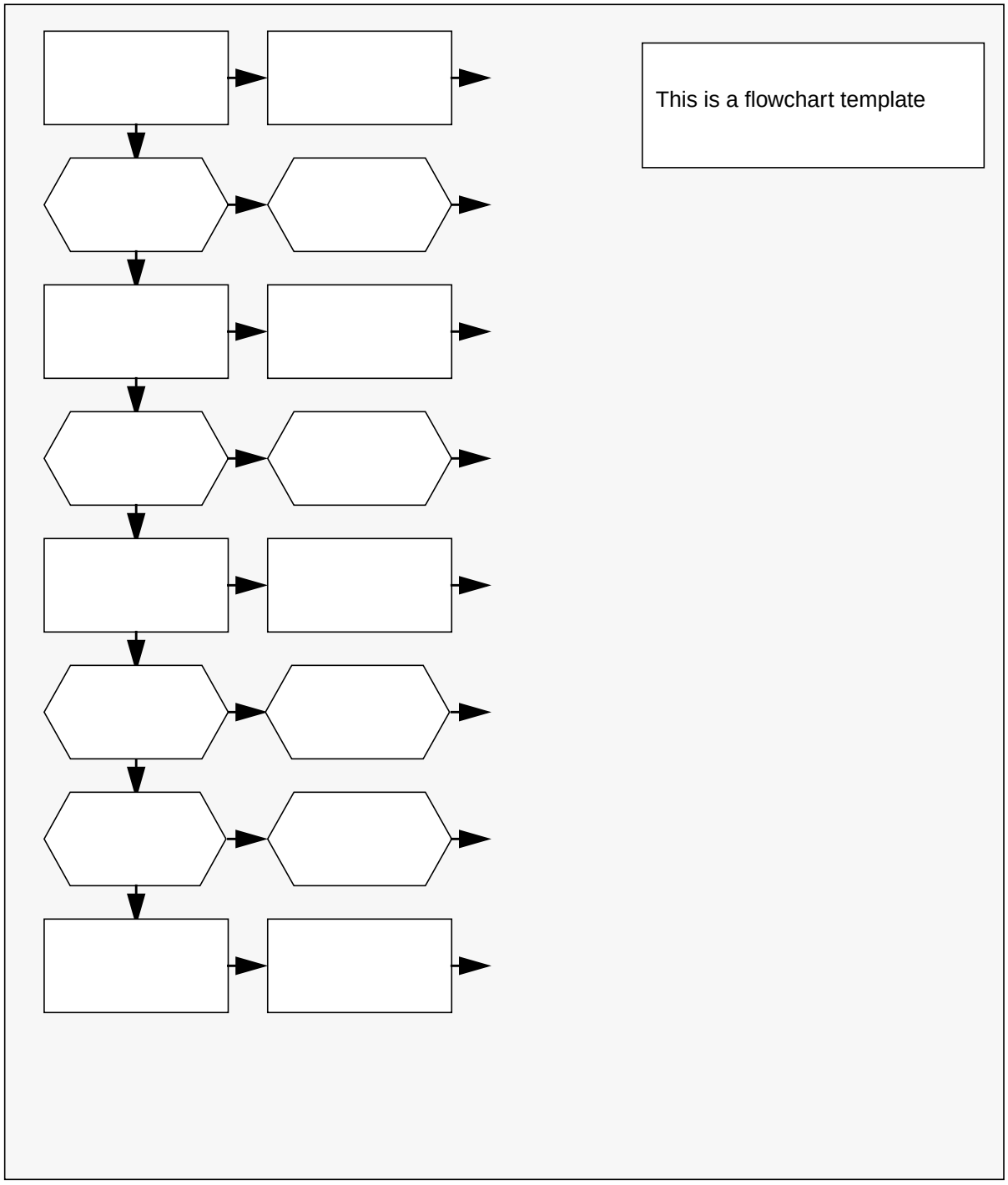


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

16: Operational measurement changes (OM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update the OM NTP of the Customer Documentation set.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if OMs are not being changed.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Group <short name>

OM Group template

Duplicate this OM Group template section for each OM group.

Arrange OM group descriptions alphabetically by group name. Each group contains a description of the group including a list of registers and one or more flow charts, followed by a description of each register in the group.

Complete one register section within each OM group for each register being added or modified within the OM group. Refer to section 16.1.9.

16.1.1 OM description

Include under this heading the short group name followed by the expanded group name

<shortGRPNAME>

<longGRPNAME>

Example: OM group C7RTSET

CCS7 routset

16.1.2 Release history update

OM group <shortGRPNAME> is being modified in <release>.

Describe the changes that are being implemented in this release. This information will be added to the release history section of the OMs group in the NTP.

Example:
OM group NSC is being modified in TL04. It has been changed as follows:
Value MAPHLR added to key field for the NSC service MAP home location register (MAPHLR).
Existing registers NSCQUERY, NSCFPRIQ, NSCABNBS, NSCSFLTO, and NSCTIOVF are incremented for MAPHLR queries.

16.1.3 Registers

OM group <shortGRPNAME> registers display on the MAP terminal as follows:

Figure 1 OM Group <shortGRPNAME> Display

<regName> <regName> <regName> <regName>

List the registers in this OM group as they will appear on the MAP terminal.
For example:
C7RSUNAU C7RSFAIL C7RSANB C7RSCNGU
C7RTERR

16.1.4 Group structure

Describe the number of OM tuples, key fields, info fields, office parameters, tables, and other datafill information that pertains to the group. If no Info field data exists, leave the word “None” as a placeholder.
If the key and info fields are customer-defined, describe the fields.

OM group <shortGRPNAME> provides <tuple> tuple(s) for each <element>.

Key field: <KField><description>

Info field: <IField><description>

Example:
OM group C7RTESET provides one tuple for each routeset.

Key Field: C7_ROUTESET_NUMBER, a number in the range 0 -254, used as an index into table C7TRESET or used to display by routename.

Info field: None

16.1.5 Associated OM groups

Replace <None> with any related OM groups and explain how they are related if applicable.

<None>

Example:
C7LINK1 and C7LINK2 track link availability and link use.

C7LKSET tracks linksets.

16.1.6 Associated functional groups

Replace <None> with any related functional groups (products) to which the OM group applies and explain how they are related if applicable. Provide the fully expanded names of functional groups as well as acronyms.

The following functional groups are associated with OM group <shortGRPNAME>: <None>

16.1.7 Associated functionality codes

List the related NT functionality codes (NT PCA code) and their names.

Table 1 Functionality codes associated with OM group <shortGRPNAME>

Functionality	Code

16.1.8 OM logic flow

16.1.8.1 Flow chart: OM group<shortGRPNAME> registers

Provide a flowchart showing the relationship between the registers in the OM group. Customers are interested in knowing when, during the call process, each OM register gets incremented and what conditions trigger the event.

Adapt the example flow chart in Figure 3 to reflect:

- the sequence of events that cause the registers to be incremented
- the relationship between the registers within the group.

Figure 2 Sample flowchart: OM group C7RTESET registers

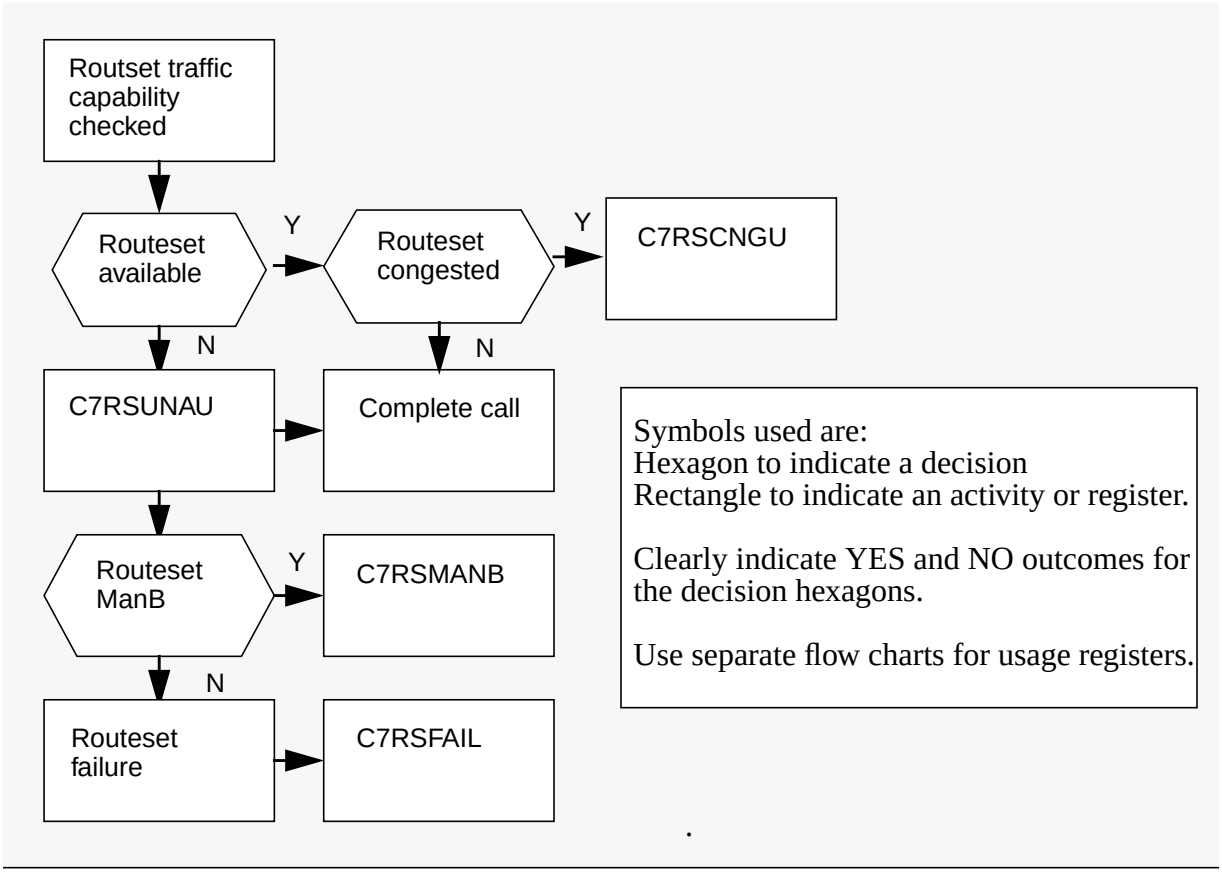
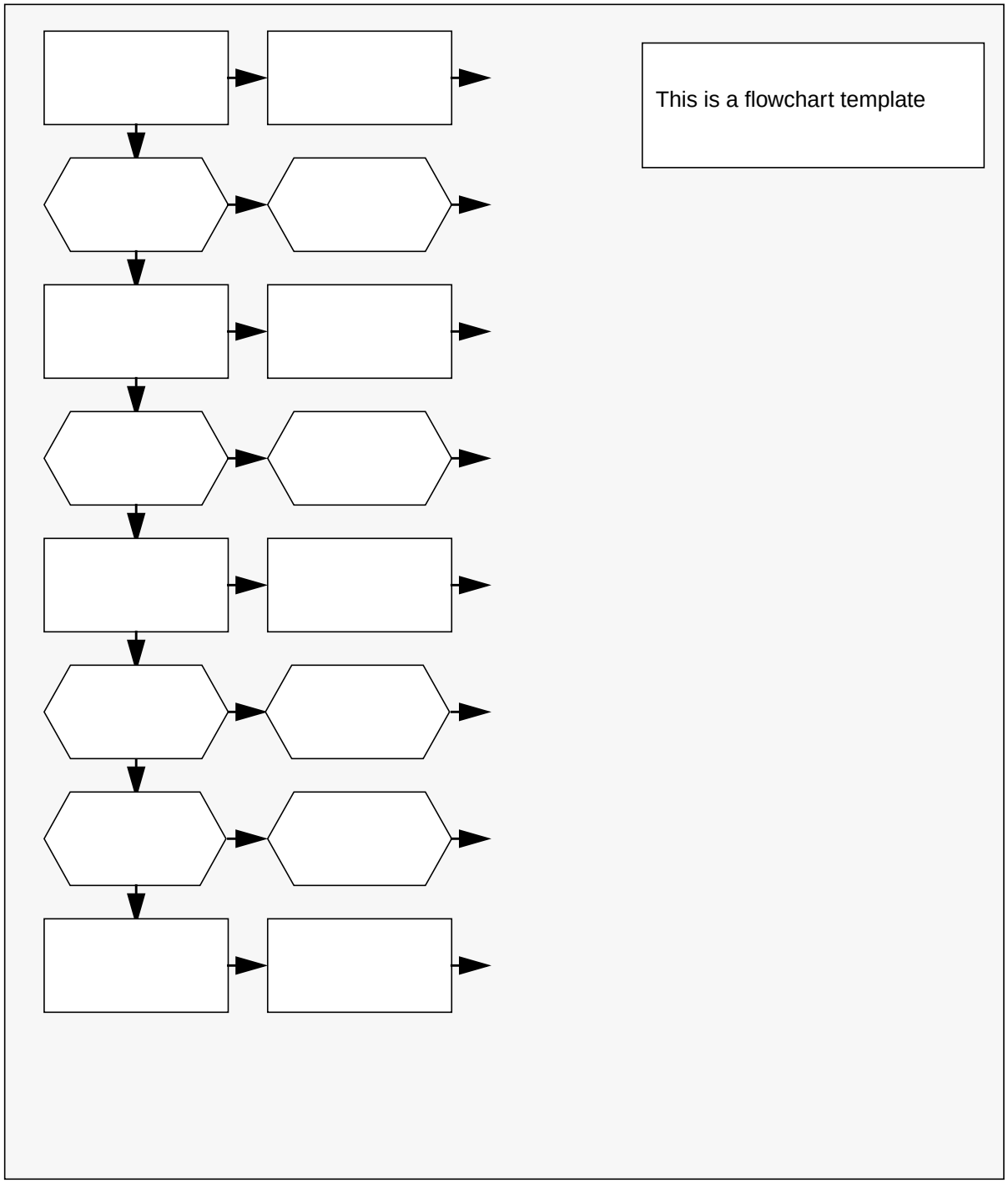


Figure 3 OM group <shortGRPNAME> registers



16.1.9 Register <short name>

Register template

Duplicate this Register template section for each register in the OM group. Arrange register descriptions alphabetically within each group.

16.1.9.1 Register description

Expand the short register name and describe what the register counts and its type.

There are three types of registers:

- Peg registers count each time an event occurs.
- Usage registers record items at time intervals of 10 s (fast) or 100 s (slow).
- High-water registers reflect the maximum number of items in simultaneous use during the current transfer period.

Register <long name>

Example:
Register C7RSCNGU
CCS7 routeset congestion
C7RSCNGU is a usage register. The scan rate is fast: 10 s. This register records whether the routeset is congested.
When the routeset is congested, a major alarm occurs on the CCS7 destination. Only higher priority messages are delivered.

16.1.9.2 Register <short name> release history update

Describe the changes being implemented in this release. This information will be added to the release history in the OM NTP. See OM Group Template Release history update for an example of similar information.

Register <short name> is being modified in <release>.

16.1.9.3 Associated registers

Replace <None> with any related registers and explain how they are related if applicable. Include validation formulae or useful equations. Identify registers from a different group using a combination of the group name and register name, separated by an underscore.

<None>

Example: OFZ_ORGFSET

16.1.9.4 Associated logs

Replace <None> with any logs that are related to the interpretation of OM data in the current register. For each log, explain what events cause it to be generated.

<None>

*** SERVICE ORDERS LIST OF FEATURES ***

a59006371_so.aa08
a59006586_so.ab44
a59010572_so.aa12
a59010576_so.aa12
a59011294_so.aa28
a59011676_so.aa12
a59011902_so.aa05
a59011907_so.aa82
a59011948_so.aa14
a59011953_so.aa09
a59012000_so.aa07
a59012144_so.aa11
a59012182_so.aa20
a59012192_so.aa12
a59012232_so.aa09
a59012291_so.aa03
a59012446_so.aa10
a59012468_so.aa08
a59012488_so.aa14
a59012574_so.aa14
a59012624_so.aa08
a59012642_so.aa06
a59012655_so.aa07
a59012846_so.aa08
a59012880_so.aa07
a59013009_so.aa11
a59013034_so.aa11
a59013044_so.aa21
a59013088_so.aa10
a59013169_so.aa14
a59013226_so.aa49
a59013251_so.aa08
a59013383_so.aa11
a59013430_so.aa23
a59013476_so.aa04
a59013533_so.aa04
a59013762_so.aa12
a59013792_so.aa03
a59013804_so.aa13
a59013873_so.aa09
a59013912_so.aa13
a59013999_so.aa12
a59014046_so.aa07
a59014132_so.aa15
a59014137_so.aa11
a59014167_so.ab01
a59014406_so.aa10
a59014614_so.aa05
a59014625_so.aa05
a59014752_so.aa08
a59015125_so.aa10

b59017494_so.aa05
s10252433_so.aa03
s10253300_so.aa01
spmbbfp_so.aa01

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

13.1 Service order change details

13.1.1 LCC and options

Besides provisioning CFIB option against a DN in table DNROUTE, SERVORD interface can also be used to provision CFIB against a DN or a block of DNs. CFIB provides the functionality to forward the calls to a remote DN when the routelist to the base DN is call processing busy, out-of-service or unavailable.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
CFIB	Y	Y				Y				

13.2 New commands

No new SERVORD commands are introduced by this feature. Existing commands, NEWDN and OUTDN, are updated to support CFIB option.

13.2.1 How service order commands are presented

13.2.1.1 Description

Not applicable.

13.2.1.2 Applicability

Not Applicable.

13.2.1.3 Example

Not Applicable.

13.2.1.4 Command prompts

Not Applicable.

13.2.2 How service order options are presented

13.2.2.1 Description

CFIB option allows incoming calls to a base DN to be forwarded to a remote DN when the base DN's routelist is call processing busy, out-of-service or unavailable.

13.2.2.2 Example

Figure 1 Example of the CFIB option in prompt mode for single DN

```
CI:
>servord
SO:
>outdn
SONUMBER:    NOW  99  6 18 PM
>
SNPA:
>613
BLOCK_OF_DNS:
>no
DN:
>7229999
COMMAND AS ENTERED:
OUTDN NOW 99 7 22 PM 613 NO 7229999
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
```

Figure 2 Example of the CFIB option in no-prompt mode for block of DNs

```
CI:
>servord
SO:
>newdn
SONUMBER:    NOW  99  6 18 PM
>
SNPA:
>613
BLOCK_OF_DNS:
>YES
FROM_DN:
>7222000
TO_DN:
>300
VDNTYPE:
>cfib
TABNAME:
>ibnrte
INDEX:
>20
CFIBID:
>cfib1
CFIBBASE:
>clli1
CFIBSBDN:
>6137221010
RPNPP:
>y
OPTION:
>$
COMMAND AS ENTERED:
NEWDN NOW 99 8 27 AM 613 YES 7222000 300 CFIB 6137221010 IBNRTE 20 CFIB1
Y$
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
```

13.2.2.3 Option prompts

Table 2 System prompts for the CFIB option

Prompt	Valid input	Description	Areas affected by prompts
SNPA	Valid SNPA provisioned in table TOFCNAME	This is the prompt to input the area code for the DN	N/A
BLOCK_OF_DNS:	YES or NO	Enter the response to the prompt as YES if CFIB option is to be provisioned for a range of DNs.	N/A
DN:	Valid DN	This prompt appears if the response to the BLOCK_OF_DNS prompt is NO.A valid DN against which CFIB is to be provisioned should be entered as a response.	N/A
FROM_DN:	Valid DN	This prompt appears if the response to the BLOCK_OF_DNS prompt is YES. The first DN in the range of DNs should be entered as a response.	N/A
TO_DN:	last three digits in the range of DNs.	This prompt appears if the response to the BLOCK_OF_DNS prompt is YES and follows the FROM_DN: prompt. The last three digits of the range of DNs should be entered as a response.	N/A
VDNTYPE:	CFIB	This is the feature that is provided by this activity and should be entered when prompted by the VDNTYPE prompt.	New CFIB option is added by this feature.
TABNAME:	One of the following Table Name OFRT,OFR2, OFR3,OFR4,IBNRTE,IBNRT2,IBNRT3,IBNRT4	The routing table which contains the routelist to the base DN.	Information needed for CFIB option.

Prompt	Valid input	Description	Areas affected by prompts
INDEX:	{0 TO 1023}	This is the route index in the routing table entered as a response to the TABNAME prompt.	Information needed for CFIB option.
CFIBID:	A valid index in CFIBDATA table.	This prompt is used to enter the index into the CFIBDATA table.	Information needed for CFIB option.
CFIBBASE	Common Language Name	This PRI CLLI will be used as the originator of the cfib call to the remote dn.	Information needed for CFIB option.
CFIBSBDN:	A 10 digit DN	A special billing DN is used to bill the base DN to remote DN portion of the CFIB call.	Information needed for CFIB option.
RPNPP:	Y or N	Remote Party Number Presentation Parameter	Information needed for CFIB option.

13.2.2.4 Line class code compatibility

NOT Applicable - CFIB is provisioned on a virtual DN not on a physical set.

Table 3 CFIB compatibility to LCC - Not Applicable.

Line class code	Compatible?

13.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: NO
- subset functionality: NO
- DN functionality: YES
- key functionality: NO

13.2.2.6 Option prerequisites

Prior to add CFIB option via SERVORD, the following conditions should be met:

- The identifier (CFIBID) to the CFIBDATA table should be datafilled in table CFIBDATA.

- The routelist should be datafilled in a routing table.

13.2.2.7 Notes

Not Applicable.

13.2.2.8 Feature identification

Functionality: <functional group>

Feature number: AT.59006586

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

13.1 Service order change details

13.1.1 LCC and options

Not Applicable.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY

13.2 New commands

This feature does not add any new commands to the existing service order system. However, this feature changes an EMW option related checking in SERVORD.

13.2.1 How service order commands are presented

Not Applicable.

13.2.2 How service order options are presented

13.2.2.1 Description

The SR 50110903 reported a bug which was existing prior to CCM11 decoupling activity of EMW software. During datafill through servord, an appropriate check is missing for VID LIST. Because of this, the error message for an invalid DNLIST is given at the time of validation i.e when the user enters the first ‘Y’ during addition of the option. The design improvement can fix this bug so that a non primary existing dn can be added to the dnlist using new command.

13.2.2.2 Example

The following two examples illustrate the change in the prompting of the error message given when the user enters an invalid DNLIST while assigning the EMW option using NEW command. Note that the error message is given after the validation done by servord i.e after the first ‘Y’.

Figure 1 Example of the EMW option in prompt mode

```
> NEW
SONUMBER: NOW 99 3 22 AM
>$
DN:
>2466111
LCC_ACC:
>M5112
GROUP:
>BNR
SUBGRP:
>0
NCOS:
>0
SNPA:
>919
KEY:
>1
RINGING:
>Y
LATANAME:
>nillata
LTG: 0
>$
LEN_OR_LTID:
>0 0 0 20
OPTKEY:
>4
OPTION:
>EMW
MCOS:
>CLASSA
DNLIST:
>2
MCOS:
>$
OPTKEY:
>$
COMMAND AS ENTERED:
NEW NOW 99 11 3 PM 9192466111 M5312 BNR 0 0 1 Y NILLATA 0 HOST 00 0
00 20 ( 4 EMW STD (CLASSA (2)) $ ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
2 is not a DN key
EMW did NOT pass checking.
```

```
*** ERROR - INCONSISTENT DATA ***
COMMAND AS ENTERED:
NEW NOW 99 11 3 PM 9192466111 M5312 BNR 0 0 1 Y NILLATA 0 HOST 00
0 00 20 ( 4 EMW ( CLASSA ( 2 ) ) $ ) $
>ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

Figure 2 Example of the EMW option in no-prompt mode

```
>new $ 9192466111 M5312 BNR 0 0 1 Y NILLATA 0 HOST 00 0 00 20 4
EMW CLASSP 3 $ $
COMMAND AS ENTERED:
NEW NOW 99 11 3 PM 9192466111 M5312 BNR 0 0 1 Y NILLATA 0 HOST
00 0 00 20 (4 EMW ( CLASSP ( 3 ) ) $ ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
3 is not a DN key
EMW did NOT pass checking.
*** ERROR - INCONSISTENT DATA ***
COMMAND AS ENTERED:
NEW NOW 99 11 3 PM 9192466111 M5312 BNR 0 0 1 Y NILLATA 0 HOST
00 0 00 20 (4 EMW ( CLASSP ( 3 ) ) $ ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>
```

13.2.2.3 Option prompts

Table 2 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts

13.2.2.4 Line class code compatibility

Table 3 EMW compatibility to LCC

Line class code	Compatible?
1FR	N
1MR	N
IBN	Y
PSET	Y
ISDNKSET	Y
ALL MBS LCC’s	Y

13.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: No
- subset functionality: No
- DN functionality: No
- key functionality: Yes

13.2.2.6 Option prerequisites

Not Applicable.

13.2.2.7 Notes

Not Applicable.

13.2.2.8 Feature identification

Feature number: 59010576 - SMDI Re-engineering

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

11: Service orders (SO)

11.1 Service order change details

11.1.1 LCC and options

No new LCC is introduced by this feature.

The NEW OPTION introduced by this feature is DENYCTFP.

There are no options which are not compatible with the introduction of DENYCTFP.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
DENYCTFP	Y	Y	Y							

11.2 New commands

11.2.1 How service order commands are presented

11.2.1.1 Description

No new commands are introduced by this feature.

11.2.2 How service order options are presented

11.2.2.1 Description

The DENYCTFP line option allows the operating company to override CTFP on a per line bases. An override can be performed on either a call screening or throttling bases, or on both.

11.2.2.2 Example

Figure 1 Example of the DENYCTFP option in prompt mode

```
ADO
SONUMBER: NOW 92 4 7 AM

>
DN_OR_LEN:
>6215001
OPTION:
>DENYCTFP
SCREENING:
>ON
THROTTLING:
>OFF
```

Figure 2 Example of the DENYCTFP option in no-prompt mode

```
> ADO $ 6215002 DENYCTFP ON OFF
```

11.2.2.3 Option prompts

Table 2 System prompts for the CTFP option

Prompt	Valid input	Description	Areas affected by prompts
SCREENING	ON OFF	OFF ->DENYCTFP denies screening ON -> DENYCTFP allows screening	NONE

Prompt	Valid input	Description	Areas affected by prompts
THROTTLING	ON OFF	OFF -> DENYCTFP denies throttling ON -> DENYCTFP allows throttling	NONE

11.2.2.4 Line class code compatibility

Table 3 <abbreviated option name> compatibility to LCC

Line class code	Compatible?
RES-1MR	YES
RES	YES
RES-1FR	YES
IBN	YES
PSET	YES

11.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: <yes>
- subset functionality: <no>
- DN functionality: <no>
- key functionality: <no>

11.2.2.6 Option prerequisites

DENYCTFP has the following prerequisites: NONE

11.2.2.7 Notes

The following notes apply to DENYCTFP: NONE

11.2.2.8 Feature identification

Functionality: RES00002 and MDC00003

Feature number: A59011902

.

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders(SO)

13.1 Summary of service order impact

The Call Redirect (CRT) feature introduces two new line options CRT and CRTDENY. The service order system (SERVORD) is enhanced to support these new line options. SERVORD must be used to add or remove the CRT feature from the subscriber's line.

13.2 Service order change details

No new LCC is introduced by this feature.

No new command is implemented by the CRT feature.

13.2.1 Option compatibility

CRTDENY, FIG, FTS, LNPTST, NDC, and NOH are incompatible with the CRT line option.

CRT is incompatible with the CRTDENY line option.

13.2.2 New service order options

13.2.2.1 Service order name : CRT

Call Redirect

13.2.2.1.1 Description

The new CRT option provides the subscriber with the ability to redirect the call to a translatable DN which can exist on the same switch , another switch or an external platform.

13.2.2.1.2 Agent support

The CRT line option can be assigned on the following LCC's.

- RES: Residential Enhanced Services.
- RES/1FR: Single Party Flat Rate (POTS) line converted to RES.
- RES/1MR: Single Party Message Rate (POTS) line converted to RES.

13.2.2.1.3 Examples

Figure 1 Adding the CRT option with the ADO command in prompt mode.

```
>ADO
SONUMBER:    NOW  76  1  3 AM
>
DN_OR_LEN:
>5502611
OPTION:
>CRT
OPTION:
>$
ADO NOW 76 1 3 AM 5502611 ( CRT ) $
```

13.2.2.1.4 New prompts

No new prompts introduced by this feature.

13.2.2.1.5 Assignability

The following functionalities apply to this option:

- set functionality: NO
- subset functionality: NO
- DN functionality: YES
- key functionality: NO

13.2.2.2 Service order option name : CRTDENY

Call Redirect Deny.

13.2.2.2.1 Description

The CRTDENY line option is assigned to those subscribers who want to deny the feature.

13.2.2.2.2 Agent support

The CRTDENY line option can be assigned to the following LCCs:

- RES: Residential Enhanced Services
- RES/1FR: Single Party Flat Rate (POTS) line converted to RES.
- RES/1MR: Single Party Message Rate (POTS) line converted to RES.

13.2.2.2.3 Examples

Figure 2 Adding the CRTDENY option with the ADO command in prompt mode.

```
>ADO
SONUMBER:    NOW  76  1  3 AM
>
DN_OR_LEN:
>5502611
OPTION:
>CRTDENY
OPTION:
>$
ADO NOW 76 1 3 AM 5502611 ( CRTDENY ) $
```

13.2.2.2.4 New prompts

No new prompts are introduced by this feature.

13.2.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: NO
- subset functionality: NO
- DN functionality: YES
- key functionality: NO

13: Service orders (SO)

13.1 Service order change details

13.1.1 LCC and options

Not Applicable.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY

13.2 New commands

This feature does not create a new Servord command. It does however, modify existing NEWDN and OUTDN command functionality and prompting.

13.2.1 How service order commands are presented

13.2.1.1 Description

Besides the creation of VDNs, this activity adds to the NEWDN functionality, the provisioning capability to:

1. pool in a thousands block of DNs

2. port in a single or block of DNs without assigning it to service (this would require a second step). This functionality would most likely be used to port in a single or block of DNs whose NPANXX does not already exist in table TOFCNAME.
3. introduce a new LERG-assigned NPANXX to the switch.

If the NEWDN command is used to introduce a duplicate NXX to the switch (either via porting in DN(s), pooling in DNs, or a new LERG assignment), the DN entered at the FROM_DN or DN prompt must be 10 digits in length. Otherwise, the NEWDN command will mistakenly assume the NPA of the DN to be what is already associated with that NXX in table TOFCNAME.

When pooling in DNs with the NEWDN command, the block may be contaminated. The maximum allowed percentage of contamination of a thousands block is indicated by the NP_MAX_CONTAM key in table LNPOPTS. It can range between 0-40 percent. However the maximum number of times NEWDN can prompt for contaminants is fixed at 100.

Please refer to the FN section for this feature for more information on the added functionality of NEWDN.

This added NEWDN functionality is controlled via SOC NPE0005.

Prior to this feature, the OUTDN command was used only to take virtual DNs out of service. This activity adds to the OUTDN functionality the provisioning capability to:

1. Pool out a thousands block of DNs
2. Port out a single or block of DNs.

In order to port out a single or block of DNs which are assigned to a physical line, the DNs must first be removed from service (put on BLDN or UNDN intercept) before using the OUTDN command to port them out. This applies also for the porting out of a single or block of VDNs which are not supported by OUTDN.In other words, this feature does not expand on the list of VDNs which are supported by single or block of DNs OUTDN.

Also, in order to pool out a block of physical or virtual DNs, the DNs must first be removed from service (put on BLDN or UNDN intercept) before using the OUTDN command to pool them out (Any DNs in the block on PODN intercept must also be put back on BLDN or UNDN).

Again, the block that is being pooled out may be contaminated (DNs in the block which are still in service on the switch). The maximum allowed percentage of contamination of a thousands block is indicated by the NP_MAX_CONTAM key in table LNPOPTS.

Please refer to the FN section for this feature for more information on the added functionality of OUTDN.

This added OUTDN functionality is controlled via SOC NPE0005.

13.2.1.2 Applicability

The added functionality of the NEWDN command can be used to pool or port in DNs to BLDN service.

The added functionality of the OUTDN command can be used to pool or port out DNs. If the DN(s) is(are) assigned to a physical line or VDNs which are not supported by OUTDN the DNs must first be removed from service (on BLDN or UNDN intercept) before using the OUTDN command to port them out. If the DN(s) is(are) assigned to a physical or virtual DN, the DNs must first be removed from service before using the OUTDN command to pool them out.

13.2.1.3 Example

Examples of the prompting sequence for the new functionality of NEWDN and OUTDN are shown in the following sections.

13.2.1.3.1 Examples of NEWDN prompting and output

The following table illustrates the prompting sequence introduced to the NEWDN command by this feature.

Table 2 Examples of NEWDN command

NEWDN scenario	Example of prompting and output messages
Pooling in single DN (not supported in this release)	> newdn SONUMBER: NOW 99 7 13 PM > SNPA: > 613 BLOCK OF DNS: > no DN: > 6136631000 VDNTYPE: > portin PORTIN_ACTION: > pool CODEHOLDER: N > *** ERROR: Individual number pooling not supported in this release. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 NO 6136631000 PORTIN POOL N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. NPANXX of DNs already exists in TOFCNAME with CODEHLDR option. (default value will be present for CODEHOLDER prompt).	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164631000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: Y > CONTAMINANT: >1001to1003 CONTAMINANT: >1005 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 416 4164631000 2999 portin pool y (1001to1003) (1005) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. NPANXX of DNs already exists in TOFCNAME with NONNATIVE option. (default value will be present for CODEHOLDER prompt).	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >905 BLOCK_OF_DNS: >yes FROM_DN: >9059631000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >1008 CONTAMINANT: >1010 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 905 yes 9059631000 999 portin pool n (1008) (1010) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. NPANXX of DNs already exists in TOFCNAME with no option. Error -- Should not be pooling in DNs which are native to the switch.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136671000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: > y CONTAMINANT: >1008 CONTAMINANT: >1010 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 yes 6136671000 999 portin pool y 1008 1010 $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: Cannot pool in DN with native NPANXX *** *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 yes 6136671000 999 portin pool y (1008) (1010) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. NPANXX of DNs does NOT already exist in TOFCNAME.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136681000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: > y CONTAMINANT: >1002to1005 CONTAMINANT: >1010 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 yes 6136681000 2999 portin pool y (1002to1005) (1010) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Pool in a block of DNs with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. The switch is to be the blockholder of the block. NOTE: 10 digits must be entered at FROM_DN prompt.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >604 BLOCK_OF_DNS: >yes FROM_DN: >6046681000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: > n CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 604 yes 6046681000 2999 portin pool y $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** WARNING: This change will result in two TOFCNAME entries with the same office code. Service Order prompting will change to compensate for the resulting DN ambiguity, possibly preventing automated systems from performing Service Orders. Please contact your next level of support before confirming this change. >

NEWDN scenario	Example of prompting and output messages
Pool in a block of DNs with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. The switch is to be the blockholder of the block. ERROR -- Only 7 digits are entered at the FROM_DN prompt. As a result, the NEWDN command mistakenly assumes the NPA of the DN to be what is already associated with that NXX in TOFCNAME.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >604 BLOCK_OF_DNS: >yes FROM_DN: >6681000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: > n CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 604 yes 6681000 2999 portin pool y $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y The entered local DN is not valid for the specified area code. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 604 yes 6681000 2999 portin pool y $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs which is not made up of thousands blocks. Error -- Only thousands block pooling is supported in this release.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >1500 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 1500 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: The block entered does not consist of thousand blocks *** *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 1500 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. NPANXX of DNs already exists in TOFCNAME with NONNATIVE option. There are DNs in the block which are assigned to service. This is not considered an error since the DNs are considered to have ported into the switch prior to the block in which they are contained pooled into the switch.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >905 BLOCK_OF_DNS: >yes FROM_DN: >9059631000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >1008 CONTAMINANT: >1010 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 905 yes 9059631000 999 portin pool n (1008) (1010) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. The number of contaminants specified is greater than the maximum specified in table LNPOPTS (tuple NP_MAX_CONTAM). Error -- The maximum percentage of contamination specified in table LNPOPTS is surpassed.	NOTE: In this example, the NP_MAX_CONTAM value in LNPOPTS is set to 10 (i.e. 10% = 100 contaminants) >newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >3999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >1000to1050 CONTAMINANT: >1060to1120 CONTAMINANT: >1200 CONTAMINANT: > $ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 3999 PORTIN POOL N (1000to1050) (1060to1120) (1200) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y Too many contaminants entered: 113 *** Number of contaminants cannot exceed 100 *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 3999 PORTIN POOL N (1000TO1050) (1060TO1120) (1200) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. Contaminants specified do not fall in the range of the entered block. Error -- error message is displayed.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >3005 CONTAMINANT: >3006 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 2999 PORTIN POOL N (3005) (3006) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y Contaminant out of range: 3005 *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 2999 PORTIN POOL N (3005) (3006) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. Contaminants entered are not in the correct format.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >100 Invalid input for 1st station code 100 *** ERROR *** | TYPE OF CONTAMINANT IS NEWDN_CONTAM_INPUT_TYPE PLEASE ENTER: CONTAMINANT: >1000to10 Invalid format for a range of station codes 1000TO10 *** ERROR *** | TYPE OF CONTAMINANT IS NEWDN_CONTAM_INPUT_TYPE TYPE IS NEWDN_CONTAM_INPUT_TYPE VECTOR OF UP TO 10 CHAR'S PLEASE ENTER: CONTAMINANT: >1000to100b Invalid input for 2nd station code 1000TO100B *** ERROR *** | TYPE OF CONTAMINANT IS NEWDN_CONTAM_INPUT_TYPE TYPE IS NEWDN_CONTAM_INPUT_TYPE VECTOR OF UP TO 10 CHAR'S PLEASE ENTER: CONTAMINANT: >1000to1003 CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136631000 999 PORTIN POOL N (1000TO1003) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. lower bound of Contaminant range entered is higher than upper bound.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >1999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >1003to1001 ERROR: lowerbound is greater than upperbound of range 1003TO1001 *** ERROR *** | TYPE OF CONTAMINANT IS NEWDN_CONTAM_INPUT_TYPE PLEASE ENTER: CONTAMINANT: >

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. The block already exists in table NPRESERV Error - Should not be trying to pool in a block that the switch already owns.	>newdn SONUMBER: NOW 99 11 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164451000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 11 15 PM 416 YES 4164451000 999 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y NPRESERV Update failed

NEWDN scenario	Example of prompting and output messages
Pooling in a block of DNs. Part of the block already exists in table NPRESERV. Error - Should not be trying to pool in a block that the switch already owns a part of.	>newdn SONUMBER: NOW 99 11 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164451000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 11 15 PM 416 YES 4164451000 2999 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y Error: PART OF THE DIGIT RANGE IS ALREADY DEFINED NPRESERV Update failed
Porting in a single DN.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >613 BLOCK_OF_DNS: >no DN: >6136631000 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 NO 6136631000 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Porting in a single DN. The DN is already in service on the switch. Error -- Message will be displayed indicating that the DN is not free.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >613 BLOCK_OF_DNS: >no DN: >6136637001 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 NO 6136637001 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y 6136637001 : NOT FREE *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 NO 6136637001 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
Porting in a single DN. The DN is presently on PODN intercept on the switch. A warning is displayed indicating that the DN will be put on BLDN intercept.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >416 BLOCK_OF_DNS: >no DN: >4164631000 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 416 NO 4164631000 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y 4164631000 : is on PODN. *** Warning: It will be changed to BLDN. >

NEWDN scenario	Example of prompting and output messages
Porting in a block of DNs	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6631000 TO_DN: >1020 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 YES 6631000 1020 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y
Porting in a block of DNs. There are DNs within the block which are already in service. Error -- A message is displayed indicating that DNs are not free within the block. The first such DN is displayed in the error message.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6631000 TO_DN: >1030 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 YES 6631000 1030 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y 6136631015 : NOT FREE *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 613 YES 6631000 1030 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
Porting in a block of DNs. There are DNs within the block which are on PODN intercept. Warning is displayed indicating that DNs are being put back on BLDN intercept.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164670000 TO_DN: >0030 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 416 YES 4164670000 0030 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y 4164670010 : is on PODN. *** Warning: It will be changed to BLDN. 4164670015 : is on PODN. *** Warning: It will be changed to BLDN. >

NEWDN scenario	Example of prompting and output messages
Port in a block of DNs with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. NOTE: 10 digits must be entered at the FROM_DN prompt.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >604 BLOCK_OF_DNS: >yes FROM_DN: >6046681000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 604 YES 6046681000 2999 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y *** WARNING: This change will result in two TOFCNAME entries with the same office code. Service Order prompting will change to compensate for the resulting DN ambiguity, possibly preventing automated systems from performing Service Orders. Please contact your next level of support before confirming this change. >

NEWDN scenario	Example of prompting and output messages
Port in a block of DNs with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. ERROR -- Only 7 digits are entered at the FROM_DN prompt.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >604 BLOCK_OF_DNS: >yes FROM_DN: >6681000 TO_DN: >2999 VDNTYPE: >portin PORTIN_ACTION: >port COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 604 YES 6681000 2999 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y The entered local DN is not valid for the specified area code. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 604 YES 6681000 2999 PORTIN PORT ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
New LERG assignment. Using block of DNs.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >450 BLOCK_OF_DNS: >yes FROM_DN: >4503001000 TO_DN: >999 VDNTYPE: >portin PORTIN_ACTION: >newnpanxx COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 450 YES 4503001000 999 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
New LERG assignment. The NPANXX already exists on the switch. Error -- message is displayed indicating NPANXX already exists.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >450 BLOCK_OF_DNS: >no DN: >4505002000 VDNTYPE: >portin PORTIN_ACTION: >newnpanxx COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 450 NO 4505002000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: NPANXX already exists on the switch ***. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 450 NO 4505002000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
New LERG assignment. Using single DN.	>newdn SONUMBER: NOW 99 7 14 AM > SNPA: >450 BLOCK_OF_DNS: >no DN: >4505001000 VDNTYPE: >portin PORTIN_ACTION: >newnpanxx COMMAND AS ENTERED: NEWDN NOW 99 7 14 AM 450 NO 4505001000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

NEWDN scenario	Example of prompting and output messages
Introducing a new LERG assigned NPANXX to the switch with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. Note: The DN entered at the FROM_DN prompt must be 10 digits in length.	>newdn SONUMBER: NOW 99 8 11 AM > SNPA: >416 BLOCK_OF_DNS: >no DN: >4164661000 VDNTYPE: >portin PORTIN_ACTION: >newnpanxx COMMAND AS ENTERED: NEWDN NOW 99 8 11 AM 416 NO 4164661000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y *** WARNING: This change will result in two TOFCNAME entries with the same office code. Service Order prompting will change to compensate for the resulting DN ambiguity, possibly preventing automated systems from performing Service Orders. Please contact your next level of support before confirming this change.
Introducing a new LERG assigned NPANXX to the switch with an NXX that will result in a duplicate NXX being introduced to the switch for the first time. ERROR -- Only 7 digits are entered at the FROM_DN prompt.	>newdn SONUMBER: NOW 99 8 11 AM > SNPA: >416 BLOCK_OF_DNS: >no DN: >4661000 VDNTYPE: >portin PORTIN_ACTION: >newnpanxx COMMAND AS ENTERED: NEWDN NOW 99 8 11 AM 416 NO 4661000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: NPANXX already exists on the switch ***. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 8 11 AM 416 NO 4661000 PORTIN NEWNPANXX ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

NEWDN scenario	Example of prompting and output messages
The TO_DN entered is less than the FROM_DN entered. Error	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136635000 TO_DN: >3000 VDNTYPE: >portin PORTIN_ACTION: >pool CODEHOLDER: N > CONTAMINANT: >$ COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136635000 3000 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y FROM_DN IS GREATER THAN OR EQUAL TO TO_DN *** ERROR: The block entered does not consist of thousand blocks *** *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: NEWDN NOW 99 7 13 PM 613 YES 6136635000 3000 PORTIN POOL N $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
input an incorrect number of digits for the TO_DN prompt. Error -- The TO_DN prompt only accepts 3 or 4 digits.	>newdn SONUMBER: NOW 99 7 13 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >99 ***Error: Input 3 or 4 digits*** 99 *** ERROR *** | TYPE OF TO_DN IS SO_TO_DN_DIGITS PLEASE ENTER: TO_DN: >

13.2.1.3.2 Examples of OUTDN prompting and output

The following table illustrates the prompting sequence introduced by this feature to the OUTDN command.

Table 3 Examples of OUTDN command in prompt and no-prompt mode

OUTDN Scenario	Example of prompting and output messages
Pooling out a single DN. Error -- Not supported in this release	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >no DN: >4631000 POOL_OUT: >y CODEHOLDER: >n COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 NO 4631000 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: Individual number pooling is not supported in this release *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 NO 4631000 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
Pooling out a block of DNs. All DNs in the block are on BLDN intercept. The switch is the codeholder for the block (NPANXX is in TOFCNAME with the CODEHLDR option).	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164451000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: Y > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164451000 999 Y Y ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

OUTDN Scenario	Example of prompting and output messages
Pooling out a block of DNs. All DNs in the block are on BLDN intercept. The switch is the blockholder for the block (NPANXX is in TOFCNAME with the NONNATIVE option).	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136630000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: N > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136630000 1999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y
Pooling out a block of DNs. There are DN(s) in the block which are still assigned to service. A warning message is displayed indicating that contaminant station codes were found in the block. (This occurs regardless of whether the switch is the codeholder or blockholder of the DNs). These contaminant DNs are untouched by the OUTDN command and are considered to have ported into this switch.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136630000 TO_DN: >1999 POOL_OUT: >y CODEHOLDER: N COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136630000 1999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** WARNING: The following contaminant station codes were found *** 1023 1025 MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >

OUTDN Scenario	Example of prompting and output messages
Pooling out a block of DNs. This is the first time a block of this NPANXX has been pooled out of the switch (The NPANXX is presently in TOFCNAME with no option against it). The switch is to remain the codeholder of this block.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164451000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: >y COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164451000 999 Y Y ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y
Pooling out a block of DNs. The NPANXX exists in table TOFCNAME with the NONNATIVE option. The user specifies ‘y’ at the CODEHOLDER prompt. Error -- Cannot specify the switch as the codeholder of the block being pooled out if the switch already has the NPANXX marked as NONNATIVE in table TOFCNAME.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164452000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: N >y COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164452000 999 Y Y ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: Inconsistency between CODEHOLDER input and TOFCNAME data. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164452000 999 Y Y ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

OUTDN Scenario	Example of prompting and output messages
Pooling out a block of DNs. The NPANXX exists in table TOFCNAME with either no option or CODEHLDR option. The user specifies ‘n’ at the CODEHOLDER prompt. Error -- Cannot specify the switch as the blockholder of the block being pooled out if the switch already has the NPANXX marked as native or codeholder in table TOFCNAME.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136632000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: >n COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136632000 999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: Inconsistency between CODEHOLDER input and TOFCNAME data. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164452000 999 Y Y ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >
Pooling out a block of DNs which is not made up of thousands blocks. Error -- only thousands blocks pooling is supported in this release.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >1500 POOL_OUT: >y CODEHOLDER: N > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136631000 1500 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: The block entered does not consist of thousand blocks *** *** Number of contaminants cannot exceed 100 *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136631000 1500 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

OUTDN Scenario	Example of prompting and output messages
Pooling out a block of DNs. The number of contaminants in the block exceed the maximum allowed. Error -- Maximum number of contaminants is exceeded.	NOTE: In this example, the NP_MAX_CONTAM tuple of table LNPOPTS is set to a value of 10 (i.e. 10% contamination = 100 contaminants). >outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136632000 TO_DN: >999 POOL_OUT: >y CODEHOLDER: N > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136632000 999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y *** ERROR: Too many contaminants in the block: 115 *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136632000 999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

OUTDN Scenario	Example of prompting and output messages
Pooling out a block of DNs. The block of DNs is not in Table NPRESERV. Error -- Cannot pool out a block that is not owned by the switch. NPRESERV update fails.	>outdn SONUMBER: NOW 99 11 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164452000 TO_DN: >2999 POOL_OUT: >y CODEHOLDER: N > COMMAND AS ENTERED: OUTDN NOW 99 11 15 PM 416 YES 4164452000 2999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y NPRESERV Update failed
Pooling out a block of DNs. A portion of the block of DNs is not in Table NPRESERV. Error -- Cannot pool out a block that is not owned by the switch. NPRESERV update fails.	>outdn SONUMBER: NOW 99 11 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164451000 TO_DN: >2999 POOL_OUT: >y CODEHOLDER: N > COMMAND AS ENTERED: OUTDN NOW 99 11 15 PM 416 YES 4164451000 2999 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED SHOULD ORDER BE DONE ANYWAY? (Y OR N) >y NPRESERV Update failed

OUTDN Scenario	Example of prompting and output messages
Porting out a single DN which belongs to the switch. (PODN is the default intercept)	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >no DN: >4164631000 POOL_OUT: >n INTERCEPT_NAME: PODN > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 NO 4164631000 N PODN ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y
Porting out a block of DNs which belong to the switch.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >416 BLOCK_OF_DNS: >yes FROM_DN: >4164632002 TO_DN: >2005 POOL_OUT: >n INTERCEPT_NAME: PODN > COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 416 YES 4164632002 2005 N PODN ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y

OUTDN Scenario	Example of prompting and output messages
input an incorrect number of digits for the TO_DN prompt. Error -- The TO_DN prompt only accepts 3 or 4 digits.	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136631000 TO_DN: >99 *** ERROR: Enter 3 or 4 digits *** 99 *** ERROR *** | TYPE OF TO_DN IS SO_TO_DN_DIGITS PLEASE ENTER: TO_DN: >
The TO_DN entered is less than the FROM_DN entered. Error	>outdn SONUMBER: NOW 99 7 15 PM > SNPA: >613 BLOCK_OF_DNS: >yes FROM_DN: >6136635000 TO_DN: >3000 POOL_OUT: >y CODEHOLDER: >n COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136635000 3000 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >y 6136635000 : IS GREATER THAN OR EQUAL TO TO_DN *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: OUTDN NOW 99 7 15 PM 613 YES 6136635000 3000 Y N ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

13.2.1.4 Command prompts

If NEWDN is used to create a virtual DN (VDN), the prompting sequence remains unchanged.

In order to use the added functionality of the NEWDN command, the user must, at the VDNTYPE prompt, enter a newly defined value ‘PORTIN’ rather than one of the existing supported VDN types. At this point, the prompting continues to gather additional information such as whether the DN(s) is(are) being ported in for number pooling reasons, or whether a new LERG-assigned NPANXX is to be introduced into the switch.

Additional prompts are added to the NEWDN command:

- PORTIN_ACTION (accepts a enumerated type indicating which of 3 new NEWDN functionalities is desired: porting in DN(s) for number pooling reasons, porting in DN(s) for non-number pooling reasons or introducing a new NPANXX as LERG-assigned into the switch.)
- CODEHOLDER (accepts a boolean input indicating whether the switch is to be the codeholder of the block of dns input)
- CONTAMINANT (accepts a single or range of contaminant station codes of the specified block of DNs). This prompt is repeated (up to a maximum) until the ‘$’ is entered, collecting a list of contaminant DNs.

Not all the above prompts will occur with every invocation of the NEWDN command. The prompting sequence is dependent on the value of previously entered input. For example:

- if ‘pool’ is entered at the PORTIN_ACTION prompt, prompting for the CODEHOLDER and CONTAMINANT information is turned on.
- if either ‘port’ or ‘newnpanxx’ is entered at the PORTIN_ACTION prompt, the CODEHOLDER and CONTAMINANT prompts are turned off. There is no need to gather such information if the DN(s) is(are) not being pooled in.

The system prompts added by this activity for NEWDN are shown in order of their appearance.

Table 4 The Additional System prompts for NEWDN

Prompt	Valid input	Description
PORTIN_ACTION	One of the following: • pool • port • newnpanxx	accepts a enumerated type indicating which of 3 new NEWDN functionalities is desired: porting in DN(s) for number pooling reasons, porting in DN(s) for non-number pooling reasons or introducing a new NPANXX as LERG-assigned into the switch.

Prompt	Valid input	Description
CODEHOLDER	boolean	accepts a boolean input indicating whether the switch is to be the codeholder of the block of dns input
CONTAMINANT	One of the following: • 4 digit station code • <4 digit station code>to<4 digit station code>	accepts either a single contaminant station code or a range of contaminant station codes in the form of a lowerbound and upper bound value separated with 'to'.

Additional prompts are added to the OUTDN command:

- POOL_OUT (accepts a boolean input indicating whether the DN(s) entered is(are) being ported out for number pooling reasons.)
- CODEHOLDER (accepts a boolean input indicating whether the switch is to be the codeholder of the block of dns input)

Not all the above prompts will occur with every invocation of the OUTDN command. The prompting sequence is dependent on the value of previously entered input. For example:

- if 'yes' is entered at the POOL_OUT prompt, prompting for the CODEHOLDER information is turned on and the prompting for INTERCEPT information is turned off.
- if 'no' is entered at the POOL_OUT prompt, prompting for the CODEHOLDER information is turned off and the prompting for INTERCEPT information is turned on.

Table 5 The Additional System prompts for OUTDN

Prompt	Valid input	Description	Areas effected by prompts
POOL_OUT	boolean	accepts a boolean input indicating whether the DN(s) entered is(are) being ported out for number pooling reasons	
CODEHOLDER	boolean	accepts a boolean input indicating whether the switch is to be the codeholder of the block of dns input	

13.2.2 How service order options are presented

Not Applicable.

14: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

14.1 Service order change details

14.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

14.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

14.2.1 How service order commands are presented

14.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

14.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

14.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

14.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2 How service order options are presented

14.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

14.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

14.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

14.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

14.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

14.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

14.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

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Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

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- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

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>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

12: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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12.1 Service order change details

12.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

12.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

12.2.1 How service order commands are presented

12.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

12.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

12.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

12.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

12.2.2 How service order options are presented

12.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

12.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

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>
DN_OR_LEN:
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OPTION:
>ADSI
 OPTION:
>$
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```
> ADO $ 6215002 ADSI $
```

12.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
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12.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

12.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

12.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

12.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

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The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

12.2.2.8 Feature identification

Include the option’s functional group and feature number.

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13.1 Service order change details

13.1.1 LCC and options

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AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

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Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

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Example:
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List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

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- call pickup groups

13.2.1.3 Example

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Figure 1 Example of the <abbreviated command name> command in prompt mode

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>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

13.1 Summary of service order impact

The Who's Calling (WC) feature introduces one new line option, WC, and modifies the Alternate Service Provider (ASP) line option. The service order system (SERVORD) is enhanced to support this new line option. SERVORD must be used to add or remove the WC feature from the subscriber's line.

SERVORD is also enhanced to support the modifications to the ASP line option.

13.2 Service order change details

No new LCC is introduced by this feature.

No new command is implemented by the WC feature.

13.2.1 Option compatibility

The WC line option is incompatible with the WC service assigned through the ASP line option. Both options cannot be assigned simultaneously to a line.

13.2.2 New/modified service order options

13.2.2.1 Service order option name: WC

Who's Calling.

13.2.2.1.1 Description

The WC feature is activated when a private/unavailable call attempts to terminate on a WC subscriber. The WC functionality will intercept the incoming call and send it to the SN. The SN will record the name of the caller and present it to the subscriber. The subscriber then will be given some options to handle this incoming call.

13.2.2.1.2 Agent support

The WC line option can be assigned on the following LCCs:

- RES: Residential Enhanced Services
- RES/1FR: Single Party Flat Rate (POTS) line converted to RES
- RES/1MR: Single Party Message Rate (POTS) line converted to RES
- RES/ISDN: Integrated Services Digital Network line converted to RES

13.2.2.1.3 Examples

Figure 1 Adding the WC option with the ADO command in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6211521
OPTION:
>WC
OPTION:
>$
```

Figure 2 Adding the WC option with the ADO command in no-prompt mode

```
> ADO $ 6211521 WC $
```

13.2.2.1.4 New prompts

No new prompts are introduced by this feature.

13.2.2.1.5 Assignability

The following functionalities apply to this option:

- set functionality: NO
- subset functionality: NO
- DN functionality: YES
- key functionality: NO

13.2.2.2 Service order option name: ASP

Alternate Service Provider.

13.2.2.2.1 Description

The ASP line option can be used to assign specific options on a per-service provider basis. The ASP line option was modified to be used to assign the WC service.

13.2.2.2.2 Agent support

The ASP line option can be used to assign the WC service on the following LCCs:

- RES: Residential Enhanced Services
- RES/1FR: Single Party Flat Rate (POTS) line converted to RES
- RES/1MR: Single Party Message Rate (POTS) line converted to RES
- RES/ISDN: Integrated Services Digital Network line converted to RES

13.2.2.2.3 Examples

Figure 3 Adding the WC option through ASP with the ADO command in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6211521
OPTION:
>ASP
PROVNAME:
>PRIMARY
SERVICE:
>WC
PROVNAME:
>$
OPTION
>$
```

Figure 4 Adding the WC option through ASP with the ADO command in no-prompt mode

```
>ADO $ 6256055 ASP PRIMARY WC $ $
```

13.2.2.2.4 New prompts

No new prompts are introduced by this feature.

13.2.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: NO
- subset functionality: NO
- DN functionality: YES
- key functionality: NO

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Purpose:

This feature does not change any Service Order options in terms of translations or ranges of the fields. Also it does not add any new Service Order command.

13.1 Service order change details

N/A

13.1.1 LCC and options

13.2 New commands

None

13.2.1 How service order commands are presented

N/A

13.2.1.1 Description

13.2.1.2 Applicability

13.2.1.3 Example

13.2.1.4 Command prompts

13.2.2 How service order options are presented

13.2.2.1 Description

13.2.2.2 Example

13.2.2.3 Option prompts

13.2.2.4 Line class code compatibility

13.2.2.5 Assignability

13.2.2.6 Option prerequisites

13.2.2.7 Notes

13.2.2.8 Feature identification

.

13: Service orders (SO)

13.1 Summary of service order impact

When all lines in a Hunt Group are busy, the LOD feature enables hunting to continue to a specified DN. The LOD DN is datafilled through Servord and can be any translatable number. Prior to NA013, the LOD DN was restricted to a maximum of 11 digits. The same restriction applied to KSH overflow DN's which are also datafilled through Servord.

This feature activity expands LOD and KSH overflow DN's from 11 to 30 digits. The Service Order system needs to have the capability to accept these larger DN's.

No new Servord commands will be created for this feature, nor will existing prompting be changed. However, certain type changes will be required which will expand field sizes for the following commands: NEW, EST, ADD, ADO, and CHF.

13.2 Service order change details

This feature only affects service orders for DNH, MLH, DLH, and KSH hunt groups. It allows 30 digits to be datafilled as the LOD DN or KSH Overflow DN for these groups. This is done by accepting DN's of up to 30 digits on all commands and parameters related to provisioning overflow DN's for these hunt group types.

13.2.1 LCC and options

Not Applicable. There are no LCC changes as a result of this feature.

13.3 New commands

No new service order commands are created by this feature.

13.4 Changed commands

This feature affects the following commands with respect to service orders for Hunt Groups.

- NEW, EST, ADD, ADO, and CHF.

This feature affects the following commands with respect to service orders for the KSH option on business sets.

- NEW, ADO, and CHF.

Each of the commands listed above is only affected when they are used to manipulate data relating to the LOD option on a hunt group, or the KSH option on a business set. In those cases, Servord will prompt for one of the following two fields:

- LODDN
- OVDN

These fields were previously limited to input of 11 digits. As a result of this activity, service orders containing these options can be specified with up to 30 digit directory numbers.

13.5 Examples of Service Orders for LOD Expansion feature

The following example shows the EST command being used in prompt mode to create a DNH hunt group with two members. The LOD option is being assigned to the hunt group, and the LOD overflow DN is 30 digits long.

Figure 1 Servord EST example with 30 digit LODDN

```
>est
SONUMBER:    NOW  99  7 12 PM
>
GROUPTYPE:
>dnh
PILOT_DN:
>9508000
LCC:
>1fr
LATANAME:
>lata1
LTG:   0
>
PILOT_LEN:
>0 0 4 2
DN_LEN:
>9508001
LEN:
>0 0 4 3
DN_LEN:
>$
OPTION:
>lod
LODDN:
>123456789012345678919199508888
OPTION:
>$
GROUPSIZE:
>2
COMMAND AS ENTERED:
EST NOW 99 7 12 PM DNH 9508000 1FR LATA1 0 HOST 00 0 04 02 ( 9508001 HOST
00 0 04 03 ) $ ( LOD 123456789012345678919199508888 ) $ 2
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
```

Commands NEW, ADD, ADO, and CHF will also be prompted for LODDN whenever they are being used to manipulate the LOD feature. In these cases, 30 digit DN’s will be acceptable input into field LODDN.

The following figure shows an example of using the ADO command in prompt mode to add the KSH option to an existing business set which already has two DN keys assigned. The KSH overflow DN is a 30 digit number.

Figure 2 Servord ADO example for KSH with 30 digit overflow DN

```
>ado
SONUMBER:    NOW  99  7 12 PM
>
DN_OR_LEN:
>6215520
OPTKEY:
>1
OPTION:
>ksh
OVTYPE:
>d
OVDN:
>123456789012345678919196215555
KEYLIST:
>$
OPTKEY:
>$
COMMAND AS ENTERED:
ADO NOW 99 7 12 PM 6215520 ( 1 KSH D 123456789012345678919196215555 $ ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
```

Commands NEW, ADO, and CHF will also be prompted for OVDN whenever they are being used to manipulate the KSH feature. In these cases, 30 digit DN’s will be acceptable input into field OVDN.

13: Service orders (SO)

13.1 Service order change details

13.1.1 LCC and options

IDENTIFY any NEW LCC introduced by this feature:
None

IDENTIFY any NEW OPTIONS introduced by this feature:
PWSUP

LIST options NOT compatible with new options introduced:
None

FOR EACH OPTION, list other options which must be assigned.
None

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
PWSUP - Password Suppression	N	N	X		X					

13.2 New commands

No new CI commands are introduced for this feature.

13.2.1 How service order commands are presented

The PWSUP line option, once assigned to a set, suppresses keypresses of the 12 key key-pad from being displayed and recorded on the redial list of the dialing set. This option can only be assigned to sets M3903, M3904, and M3905.

13.2.1.1 Example

Figure 1 Example of the PWSUP option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTKEY:
>4
OPTION:
>PWSUP
OPTION:
>$
```

Figure 2 Example of the PWSUP option in no-prompt mode

```
> ADO $ 6215002 4 PWSUP $
```

13.2.1.2 Option prompts

The addition of option PWSUP does not introduce any new option prompts.

13.2.1.3 Line class code compatibility

Table 2 PWSUP compatibility to LCC

Line class code	Compatible?
M3903, M3904, M3905	Yes

13.2.1.4 Assignability

The following functionalities apply to this option:

- set functionality: <yes or no> Yes
- subset functionality: <yes or no> No
- DN functionality: <yes or no> No
- key functionality: <yes or no> No

13.2.1.5 Option prerequisites

PWSUP has no prerequisites.

13.2.1.6 Notes

None.

13.2.1.7 Feature identification

Functionality: MSL12
Feature number: AT.59013044

13.2.1.8 Description

13.2.1.9 Applicability

13.2.1.10 Example

Figure 3 Example of the <abbreviated command name> command in prompt mode

Figure 4 Example of the <abbreviated command name> command in no-prompt mode

13.2.1.11 Command prompts

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 3 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

13.2.2 How service order options are presented

13.2.2.1 Description

13.2.2.2 Example

Figure 5 Example of the <abbreviated option name> option in prompt mode

Figure 6 Example of the <abbreviated option name> option in no-prompt mode

13.2.2.3 Option prompts

Table 4 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts

13.2.2.4 Line class code compatibility

Table 5 <abbreviated option name> compatibility to LCC

Line class code	Compatible?

13.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>
- key functionality: <yes or no>

13.2.2.6 Option prerequisites

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

The following notes apply to <abbreviated option name>:

13.2.2.8 Feature identification

Functionality: <functional group>

Feature number: <feature number>

.

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Not Applicable.

13.1 Service order change details

13.1.1 LCC and options

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY

13.2 New commands

13.2.1 How service order commands are presented

13.2.1.1 Description

13.2.1.2 Applicability

13.2.1.3 Example

Figure 1 Example of the <abbreviated command name> command in prompt mode

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

13.2.1.4 Command prompts

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

13.2.2 How service order options are presented

13.2.2.1 Description

13.2.2.2 Example

Figure 3 Example of the <abbreviated option name> option in prompt mode

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

13.2.2.3 Option prompts

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts

13.2.2.4 Line class code compatibility

Table 4 <abbreviated option name> compatibility to LCC

Line class code	Compatible?

13.2.2.5 Assignability

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>
- key functionality: <yes or no>

13.2.2.6 Option prerequisites

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

The following notes apply to <abbreviated option name>:

13.2.2.8 Feature identification

Functionality: <functional group>

Feature number: <feature number>

.

13: Service orders (SO)

13.1 Service order change details

13.1.1 Description

This feature will provide the Prevent Delete Option. When this option is assigned to a line, the line cannot be removed from service. The option must first be removed before the line can be deleted

13.1.2 Applicability

13.1.2.1 Hunt Groups

The following hunt groups will be supported for both pilots and members:

- DNH - Directory Number Hunt
- DLH - Distributed Line Hunt
- MLH - Multi Line Hunt
- PRH - members will not be supported

Hunt group that will not be supported are:

- BNN - numbers will not be supported
- CPU - Call Pickup
- MPH - Multiple Position Hunt
- SIMRING - Simultaneous Ringing
- CMG - Call Management Group

13.1.2.2 Compatible call distribution groups

PDO option can be assigned to following call distribution groups:

- UCD - Universal Call Distribution
- ACD - Automatic Call Distribution

PDO option cannot be assigned ACD/UCD DN (Feature DN) as PDO option is not supported for Virtual DNs.

13.1.2.3 Line Class Code Compatibility

The PDO option is compatible with the following LCC's:

- 1FR - One Party Flat Rate
- 2FR - Two Party Flat Rate
- 4FR - Four Party Flat Rate
- 8FR - Eight Party Flat Rate
- 10FR - Ten Party Flat Rate
- IBN - Integrated Business Network
- RES Residential Services
- 1MR - One Party Message Rate
- PBX - Private Business Exchange
- PBM - PBX Message Rate
- OWT - Outgoing Wide Area Telephone System
- EOW - Enhanced Outgoing Wide Area Telephone System
- INW - Incoming Wide Area Telephone System
- 2WW - Two Way Wide Area Telephone System
- ETW - Enhanced Two Way Wide Area Telephone System
- TWX - Teletypewriter Exchange System
- CSD - Circuit Switched Digital Data System
- ZMD - Zero Minus Dialing
- ZMZPA - Zero Minus Zero Plus Allowed
- CCF - Coin, Coin First
- CDF - Coin, Dial-tone First
- CSP - Coin, Semi-Postpay
- CFD - Coin Free Dialing
- DATA - Data Unit
- PDATA - POTS Data Unit
- PSET - Proprietary Business Set
- ISDNKSET - Integrated Services Digital Network Key Set

13.1.2.4 Option Compatibility

The PDO option is incompatible with the following options:

- SDN (Secondary Directory Number)
- MDN (Multiple Appearance Directory Number)

- PLP (Plug-Up)
- SUS (Suspended Service)
- RSUS (Requested Suspension)
- DTM (Denied Termination)

13.1.2.5 Assignability

The following functionalities apply to this option:

- Set functionality: no
- Subset functionality: no
- DN functionality: yes
- Key functionality: no

13.1.2.6 Option prerequisites

No option prerequisites exist for this option.

13.1.3 Examples

13.1.3.1 Servord commands used to assign PDO

13.1.3.1.1 NEW

Example 1

This example demonstrates the assignment of the option when creating a new subscriber.

```
>qdn 6219010
------------------------------------------------------------------------------
DN:          6219010
TYPE: UNASSIGNED
------------------------------------------------------------------------------

>new $
DN:
>6219010
LCC_ACC:
>1fr
LATANAME:
```

```
>nillata
LTG:    0
>
LEN_OR_LTID:
>5 1 8 5
OPTION:
>dgt
OPTION:
>pdo
OPTION:
>cwt
OPTION:
>$
COMMAND AS ENTERED:
NEW NOW 99 4 1 AM 6219010 1FR NILLATA 0 HOST 05 1 08 05 ( DGT ) ( PDO ) (CWT)
$
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 6219010
-------------------------------------------------------------------------------
DN:     6219010
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX:    32
LINE EQUIPMENT NUMBER:     HOST  05 1 08 05
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: Y
PM NODE NUMBER     :    50
PM TERMINAL NUMBER :    262
OPTIONS:
CWT PDO DGT

-------------------------------------------------------------------------------
```

13.1.3.1.2 EST

Example 2

This example shows the assignment of the option when establishing a hunt group pilot and a member.

```
>qdn 5500000
-------------------------------------------------------------------------------
DN:           5500000
TYPE: UNASSIGNED
-------------------------------------------------------------------------------
```

```
>est $
GROUPTYPE:
>dnh
PILOT_DN:
>5500000
LCC:
>1fr
LATANAME:
>lata1
LTG:    0
>
PILOT_LEN:
>6 0 0 16
DN_LEN:
>5500001
LEN:
>6 0 4 0
DN_LEN:
>$
OPTION:
>dgt
OPTION:
>PDO
OPTION:
>$
GROUPSIZE:
>5
COMMAND AS ENTERED:
EST NOW 99 8 5 PM DNH 5500000 1FR LATA1 0 HOST 06 0 00 16 ( 5500001 HOST 06
0 04 00 ) $ ( DGT ) ( PDO )$ 5
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 5500000
--------------------------------------------------------------------------------
DN:     5500000
TYPE: PILOT OF DNH HUNT GROUP
SNPA: 909   SIG: DT    LNATTIDX: 42
HUNT GROUP:  15       HUNT MEMBER:  0
LINE EQUIPMENT NUMBER:     HOST  06 0 00 16
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    51
PM TERMINAL NUMBER :    17
OPTIONS:
PDO DGT
GROUP OPTIONS:
RCVD
MEMBER INFO:
  1      9095500001

--------------------------------------------------------------------------------
```

```
>qdn 5500001
------------------------------------------------------------------------------
DN:     5500001
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 909   SIG: DT    LNATTIDX: 42
HUNT GROUP:  15       HUNT MEMBER:  1
LINE EQUIPMENT NUMBER:     HOST  06 0 04 00
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :   51
PM TERMINAL NUMBER :    129
OPTIONS:
PDO DGT
PILOT DN:      9095500000
GROUP OPTIONS:
RCVD

------------------------------------------------------------------------------
```

13.1.3.1.3 ADD

This example shows the assignment of the option when establishing a hunt group pilot and a member.

```
>qdn 5500000
------------------------------------------------------------------------------
DN:     5500000
TYPE: PILOT OF DNH HUNT GROUP
SNPA: 909   SIG: DT    LNATTIDX: 42
HUNT GROUP:  15       HUNT MEMBER:  0
LINE EQUIPMENT NUMBER:     HOST  06 0 00 16
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :   51
PM TERMINAL NUMBER :    17
OPTIONS:
DGT
GROUP OPTIONS:
RCVD
MEMBER INFO:

------------------------------------------------------------------------------
>qdn 5500001
------------------------------------------------------------------------------
DN:           5500001
TYPE: UNASSIGNED
------------------------------------------------------------------------------
>qlen 6 1 0 16
------------------------------------------------------------------------------
TYPE: HARDWARE ASSIGNED SOFTWARE UNASSIGNED
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :   52
PM TERMINAL NUMBER :    17
------------------------------------------------------------------------------
```

```
>add $
GROUPTYPE:
>DNH
LINK_DN:
>5500000
DN_LEN:
>5500001 6 1 0 16
DN_LEN:
>$
OPTION:
>PDO
OPTION:
>$
GROUPSIZE:    5
>
COMMAND AS ENTERED:
ADD NOW 99 8 6 AM DNH 5500000 ( 5500001 HOST 06 1 00 16 ) $ ( PDO ) $ 5
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
 *** RETURN TO SERVICE FAILED ***
LEN : HOST  06 1 00 16 *** CHECK LINE STATUS ***
FAILED TO RETURN LINE TO SERVICE

>qdn 5500001
-------------------------------------------------------------------------------
DN:     5500001
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 909   SIG: DP    LNATTIDX: 42
HUNT GROUP:  15        HUNT MEMBER:  1
LINE EQUIPMENT NUMBER:     HOST  06 1 00 16
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    52
PM TERMINAL NUMBER :    17
OPTIONS:
PDO
PILOT DN:      9095500000
GROUP OPTIONS:
RCVD

-------------------------------------------------------------------------------
```

13.1.3.1.4 NEWACD

This example shows the assignment of the option when establishing a ACD group:

Example 3

```
>table KSETKEYS
MACHINES NOT IN SYNC - DMOS NOT ALLOWED
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: KSETKEYS
```

```
>ADD TEMP_TEMPLT ACDAGENT BRAMFT 2 MSB $ Y Y
MACHINES NOT IN SYNC - DMOS NOT ALLOWED
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
ENTER Y TO CONTINUE PROCESSING OR N TO QUIT
>y
TUPLE TO BE ADDED:
TEMP_TEMPLT ACDAGENT BRAMFT 2 (MSB) $
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT.
>y
TUPLE ADDED
JOURNAL FILE INACTIVE

>qlt CGA 860
---------------------------------------------------------------------------
LTID:  CGA      860
LT GROUP NO: 11
LTCLASS: BRAMFT
CS: Y PS: N   TEI: DYNAMIC
LINE CLASS CODE: ISDNKSET
MAXKEYS: 64
---------------------------------------------------------------------------
>QDN 6219010
---------------------------------------------------------------------------
DN:           6219010
TYPE: UNASSIGNED
---------------------------------------------------------------------------


>NEWACD $
DN:
>6219010
ACDSETTYPE:
>AGENT
LCC:
>ISDNKSET
GROUP:
>CGA
SUBGRP:
>0
NCOS:
>0
SNPA:
>613
LATANAME:
>LATA1
LTG:    0
>
LEN_OR_LTID:
>CGA 860
ACDGROUP:
>ACD1CGA
ACDSGRP:
>0
IDNUM:
>Y
POSID:
>1234
TEMPLATE:
>TEMP_TEMPLT
TEMPLATE:
>$
```

```
OPTKEY:
>1
OPTION:
>PDO
$
COMMAND AS ENTERED:
NEWACD NOW 99 7 16 PM 6219010 AGENT ISDNKSET CGA 0 0 613 LATA1 0 CGA 860
ACD1CGA 0 Y 1234 ( TEMP_TEMPLT ) $ (1 PDO )$
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>Y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 6219010
--------------------------------------------------------------------------------
DN:    6219010    (NON-UNIQUE)
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG:  N/A    LNATTIDX: N/A
LTID: CGA       860
LTCLASS: BRAMFT
LINE CLASS CODE:   ISDNKSET
KEY:  1
CUSTGRP:           CGA  SUBGRP: 0  NCOS: 0  RING: Y
ACDKEY: INCALLS    ACD1CGA    0    Y    1234
OPTIONS:
MSB PDO
OFFICE OPTIONS:
AIN LNPOFFICE

--------------------------------------------------------------------------------
```

13.1.3.1.5 ADO

Example 4

This example shows the assignment of the option to an existing line.

```
>qdn 6218001
--------------------------------------------------------------------------------
DN:    6218001
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX:    0
LINE EQUIPMENT NUMBER:    HOST  00 1 08 21
LINE CLASS CODE:      1FR
IBN TYPE: STATION
CUSTGRP:        RESGRP    SUBGRP: 0  NCOS: 2
LINE TREATMENT GROUP:    0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER    :   41
PM TERMINAL NUMBER :   278
OPTIONS:
DGT NAME PUBLIC JOE PUBLIC PRIVATE JOE PRIVATE
RES OPTIONS:
CNDB NOAMA COT NOAMA ACB NOAMA AR NOAMA CNAB
OFFICE OPTIONS:
```

```
AIN LNPOFFICE

--------------------------------------------------------------------------------

>ado $
DN_OR_LEN:
>6218001
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
ADO NOW 99 4 2 AM 6218001 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 6218001
--------------------------------------------------------------------------------
DN:    6218001
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX:    0
LINE EQUIPMENT NUMBER:    HOST  00 1 08 21
LINE CLASS CODE:     1FR
IBN TYPE: STATION
CUSTGRP:       RESGRP    SUBGRP: 0  NCOS: 2
LINE TREATMENT GROUP:    0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER    :   41
PM TERMINAL NUMBER :   278
OPTIONS:
PDO DGT NAME PUBLIC JOE PUBLIC PRIVATE JOE PRIVATE
RES OPTIONS:
CNDB NOAMA COT NOAMA ACB NOAMA AR NOAMA CNAB
OFFICE OPTIONS:
AIN LNPOFFICE

--------------------------------------------------------------------------------
```

Example 5

This example shows the assignment of the option to an existing ACD group:

```
>qdn 5500000
--------------------------------------------------------------------------------
DN:    5500000    (NON-UNIQUE)
TYPE: SINGLE PARTY LINE
SNPA: 909   SIG: DP    LNATTIDX: N/A
LINE EQUIPMENT NUMBER:    HOST  06 0 00 16
LINE CLASS CODE:  IBN
IBN TYPE: STATION
CUSTGRP:          CGA    SUBGRP: 0  NCOS: 0
```

```
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    51
PM TERMINAL NUMBER :    17
OPTIONS:
ACD CGAACD1 1 N ACDNR
OFFICE OPTIONS:
AIN LNPOFFICE

---------------------------------------------------------------------------

>ado $
DN_OR_LEN:
>5500000
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
ADO NOW 99 4 2 AM 5500000 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 5500000
---------------------------------------------------------------------------
DN:     5500000     (NON-UNIQUE)
TYPE: SINGLE PARTY LINE
SNPA: 909   SIG: DP    LNATTIDX: N/A
LINE EQUIPMENT NUMBER:     HOST  06 0 00 16
LINE CLASS CODE:  IBN
IBN TYPE: STATION
CUSTGRP:           CGA     SUBGRP: 0  NCOS: 0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    51
PM TERMINAL NUMBER :    17
OPTIONS:
PDO ACD CGAACD1 1 N ACDNR
OFFICE OPTIONS:
AIN LNPOFFICE

---------------------------------------------------------------------------
```

Example 6

This example shows the rejection of an assignment to an incompatible hunt group type.

```
>qdn 6219050
---------------------------------------------------------------------------
DN:     6219050     (NON-UNIQUE)
TYPE: PILOT OF BNN HUNT GROUP
SNPA: 613   SIG:  N/A    LNATTIDX: N/A
HUNT GROUP:  87       HUNT MEMBER:  0
LTID: ISDN       30
LTCLASS:  BRAFS
```

```
LINE CLASS CODE:   ISDNKSET
KEY:  1
CUSTGRP:        IBNTST  SUBGRP: 0  NCOS: 0  RING: Y
OPTIONS:
LNR SFC
OFFICE OPTIONS:
AIN LNPOFFICE
HOST DN:       6215950
GROUP OPTIONS:
RCVD
MEMBER INFO:
  1        6219051    HOST DN         6215942

---------------------------------------------------------------------------

>ado $
DN_OR_LEN:
>6219050
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
ADO NOW 99 4 2 AM 6219050 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
ERROR: Option PDO cannot be assigned to this type of line.
PDO DID NOT PASS CHECKING
***  ERROR - INCONSISTENT DATA  ***
COMMAND AS ENTERED:
  ADO NOW 99 4 2 AM 6219050 ( PDO ) $
  ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
  >n
```

Example 7

This example shows a rejection of an assignment to an existing subscriber with an incompatible option on the line.

```
>qdn 6211040
---------------------------------------------------------------------------
DN:    6211040    (NON-UNIQUE)
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX:    0
LINE EQUIPMENT NUMBER:    HOST  06 1 00 16
LINE CLASS CODE:     1FR
LINE TREATMENT GROUP:    0
CARDCODE:  2X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER    :   52
PM TERMINAL NUMBER :   17
OPTIONS:
CWT DGT SDN 6211041 $ 1 N $
```

```
------------------------------------------------------------------------------
>ado $
DN_OR_LEN:
>6211040
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
ADO NOW 99 4 1 AM 6211040 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
PDO and SDN are not compatible
*** ERROR - INCONSISTENT DATA ***
COMMAND AS ENTERED:
ADO NOW 99 4 1 AM 6211040 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n

------------------------------------------------------------------------------
```

13.1.3.2 Servord commands used to remove PDO

13.1.3.2.1 DEO

Example 8

This example shows the deletion of the option from a subscriber.

```
>qdn 6217004
------------------------------------------------------------------------------
DN:    6217004
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX: N/A
LINE EQUIPMENT NUMBER:     HOST  02 0 10 21
LINE CLASS CODE:  IBN
IBN TYPE: STATION
CUSTGRP:       CLASSDSP     SUBGRP: 0  NCOS: 0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :   44
PM TERMINAL NUMBER :   342
OPTIONS:
PDO CNDB NOAMA COT NOAMA ACB NOAMA AR NOAMA CNAB DGT NAME
PUBLIC TOM PUBLIC
PRIVATE TOM PRIVATE
OFFICE OPTIONS:
AIN LNPOFFICE
```

```
------------------------------------------------------------------------------

>deo $
DN_OR_LEN:
>6217004
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
DEO NOW 99 4 2 AM 6217004 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y
>qdn 6217004
------------------------------------------------------------------------------
DN:     6217004
TYPE: SINGLE PARTY LINE
SNPA: 613   SIG: DT    LNATTIDX: N/A
LINE EQUIPMENT NUMBER:     HOST  02 0 10 21
LINE CLASS CODE:  IBN
IBN TYPE: STATION
CUSTGRP:       CLASSDSP     SUBGRP: 0  NCOS: 0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    44
PM TERMINAL NUMBER :    342
OPTIONS:
CNDB NOAMA COT NOAMA ACB NOAMA AR NOAMA CNAB DGT NAME PUBLIC
TOM PUBLIC
PRIVATE TOM PRIVATE
OFFICE OPTIONS:
AIN LNPOFFICE

------------------------------------------------------------------------------
```

13.1.3.3 Servord commands blocked by PDO

13.1.3.3.1 OUT

Example 9

This example demonstrates the rejection of the OUT command due to the assignment of PDO.

```
>qdn 6219010
--------------------------------------------------------------------------------
DN:    6219010    (NON-UNIQUE)
TYPE: PILOT OF DLH HUNT GROUP
SNPA: 613   SIG: DT    LNATTIDX:    32
HUNT GROUP:  50       HUNT MEMBER:  0
LINE EQUIPMENT NUMBER:     HOST  05 1 08 01
LINE CLASS CODE:      1FR
LINE TREATMENT GROUP:     0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: Y
PM NODE NUMBER     :    50
PM TERMINAL NUMBER :    258
OPTIONS:
PDO DGT
GROUP OPTIONS:
TFO RCVD
MEMBER INFO:
  1  HOST  05 1 08 02
  2  HOST  05 1 08 03
  3  HOST  05 1 08 04

--------------------------------------------------------------------------------

>out $
DN:
>6219010
LEN_OR_LTID:
>5 1 8 1
INTERCEPT_NAME:
>bldn
COMMAND AS ENTERED:
OUT NOW 99 4 2 AM 6219010 HOST 05 1 08 01 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
```

ERROR: Protected Service. Verify Action.
HUNT GRP HAS MEMBERS - USE DEL TO REMOVE MEMBERS FIRST
***** ERROR - INCONSISTENT DATA *****

```
COMMAND AS ENTERED:
OUT NOW 99 4 2 AM 6219010 HOST 05 1 08 01 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

13.1.3.3.2 DEL

Example 10

This example demonstrates the rejection of the DEL command due to the assignment of PDO.

```
>del $
GROUPTYPE:
>dlh
MEM_LEN:
```

```
>5 1 8 2
MEM_LEN:
>5 1 8 3
MEM_LEN:
>5 1 8 4
MEM_LEN:
>$
COMMAND AS ENTERED:
DEL NOW 99 4 2 AM DLH ( HOST 05 1 08 02 ) ( HOST 05 1 08 03 ) ( HOST 05 1
08 04 ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
```

ERROR: Protected Service. Verify Action.
*****Error - Inconsistent Data*****

```
COMMAND AS ENTERED:
  DEL NOW 99 4 2 AM DLH ( HOST 05 1 08 02 ) ( HOST 05 1 08 03 ) ( HOST 05 1
  08 04 ) $
  ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
```

Example 11

This example demonstrates the procedure to remove the line form service.

```
>qdn 6219010
-------------------------------------------------------------------------------
DN:    6219010    (NON-UNIQUE)
TYPE: PILOT OF DLH HUNT GROUP
SNPA: 613   SIG: DT    LNATTIDX: 0
HUNT GROUP:  15       HUNT MEMBER:  0
LINE EQUIPMENT NUMBER:     HOST  05 1 08 01
LINE CLASS CODE:     1FR
LINE TREATMENT GROUP:     0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: Y
PM NODE NUMBER     :   50
PM TERMINAL NUMBER :   258
OPTIONS:
PDO DGT
GROUP OPTIONS:
TFO RCVD
MEMBER INFO:
  1  HOST  05 1 08 02

-------------------------------------------------------------------------------

>qlen HOST  05 1 08 02
-------------------------------------------------------------------------------
LEN:    HOST  05 1 08 02
TYPE: MEMBER OF DLH HUNT GROUP
SNPA: 613
HUNT GROUP:  15       HUNT MEMBER:  1
DIRECTORY NUMBER:     6219010            (NON-UNIQUE)
LINE CLASS CODE:     1FR
SIGNALLING TYPE:  DIGITONE
LINE TREATMENT GROUP:     0
LINE ATTRIBUTE INDEX:     0
CARDCODE:  6X17AC    GND: N  PADGRP: STDLN  BNV: NL MNO: Y
```

PM NODE NUMBER : 50
PM TERMINAL NUMBER : 259
OPTIONS:
PDO DGT
PILOT LEN: HOST 05 1 08 01
GROUP OPTIONS:
TFO RCVD

>deo $
DN_OR_LEN:
>HOST 05 1 08 02
OPTION:
>**PDO**
OPTION:
>$
COMMAND AS ENTERED:
DEO NOW 99 8 9 AM HOST 05 1 08 02 (**PDO**) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>del $
GROUPTYPE:
>dlh
MEM_LEN:
>HOST 5 1 8 2
MEM_LEN:
>$
COMMAND AS ENTERED:
DEL NOW 99 4 2 AM DLH (HOST 05 1 08 02) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 6219010

DN: 6219010 (NON-UNIQUE)
TYPE: PILOT OF DLH HUNT GROUP
SNPA: 613 SIG: DT LNATTIDX: 32
HUNT GROUP: 50 HUNT MEMBER: 0
LINE EQUIPMENT NUMBER: HOST 05 1 08 01
LINE CLASS CODE: 1FR
LINE TREATMENT GROUP: 0
CARDCODE: 6X17AC GND: N PADGRP: STDLN BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER : 258
OPTIONS:
PDO DGT
GROUP OPTIONS:
TFO RCVD

```
MEMBER INFO:

-------------------------------------------------------------------------------
>deo $
DN_OR_LEN:
>6219010
LEN:
>5 1 8 1
OPTION:
>pdo
OPTION:
>$
COMMAND AS ENTERED:
DEO NOW 99 4 2 AM 6219010 HOST 05 1 08 01 ( PDO ) $
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>out $
DN:
>6219010
LEN_OR_LTID:
>5 1 8 1
INTERCEPT_NAME:
>bldn
COMMAND AS ENTERED:
OUT NOW 99 4 2 AM 6219010 HOST 05 1 08 01 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>y

>qdn 6219010
-------------------------------------------------------------------------------
DN:          6219010
TYPE: UNASSIGNED
-------------------------------------------------------------------------------
```

13.1.3.3.3 CHG

Example 12

This example demonstrates the rejection of the command due to the assignment of PDO.

```
>chg $
```

```
WHAT:
>line
DN_OR_LEN:
>6219200
LINE_INFO:
>lcc
NEW_LCC:
>1fr
LATANAME:
>nillata
LTG:    0
>
COMMAND AS ENTERED:
CHG NOW 99 4 2 PM LINE 6219200 LCC 1FR NILLATA 0
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
  ERROR: Protected Service. Verify Action.
  ***Error - Inconsistent Data***
  COMMAND AS ENTERED:
CHG NOW 99 4 2 PM LINE 6219200 LCC 1FR NILLATA 0
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

13.1.3.3.4 CDN

Example 13

This example demonstrates the rejection of the command due to the assignment of PDO.

```
>cdn $
OLD_DN:
>6219200
NEW_DN:
>6219000
INTERCEPT_NAME:
>bldn
COMMAND AS ENTERED:
CDN NOW 99 4 2 PM 6219200 6219000 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
  ERROR: Protected Service. Verify Action.
  ***Error - Inconsistent Data***
COMMAND AS ENTERED:
CDN NOW 99 4 2 PM 6219200 6219000 BLDN
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

13.1.3.3.5 PLP

Example 14

This example demonstrates the rejection of the command due to the assignment of PDO.

```
>plp
DN:
>6218249
LEN:
>5 9 7 5
COMMAND AS ENTERED:
PLP 6218249 HOST 05 9 07 05
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
 ERROR: Protected Service. Verify Action.
 ***Error - Inconsistent Data***
COMMAND AS ENTERED:
PLP 6218249 HOST 05 9 07 0
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

13.1.3.3.6 SUS

Example 15

This example demonstrates the rejection of the command due to the assignment of PDO.

```
>sus $
DN:
>6219000
LEN:
>5 1 8 1
COMMAND AS ENTERED:
SUS NOW 99 4 7 AM 6219000 HOST 05 1 08 01
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
 ERROR: Protected Service. Verify Action.
 ***Error - Inconsistent Data***
COMMAND AS ENTERED:
SUS NOW 99 4 7 AM 6219000 HOST 05 1 08 01
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>n
```

13.1.3.3.7 SUSGRP

Example 16

This example demonstrates overriding of the command for Customer Group members assigned PDO.

```
>qdn 5502309
```

```
--------------------------------------------------------------------------------
DN:     5502309
TYPE: SINGLE PARTY LINE
SNPA: 909   SIG: DT    LNATTIDX: N/A
LINE EQUIPMENT NUMBER:     HOST  00 0 04 05
LINE CLASS CODE:  IBN
IBN TYPE: STATION
CUSTGRP:     PRADEFAULT     SUBGRP: 0  NCOS: 0
CARDCODE:  6X17AA    GND: N  PADGRP: STDLN  BNV: NL MNO: N
PM NODE NUMBER     :    40
PM TERMINAL NUMBER :    134
OPTIONS:
PDO DGT
OFFICE OPTIONS:
AIN LNPOFFICE

--------------------------------------------------------------------------------

>susgrp $
GROUPTYPE:
>ncos
CUSTGRP:
>pradefault
NCOS:
>0
COMMAND AS ENTERED:
SUSGRP NOW 99 4 26 PM NCOS PRADEFAULT 0
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>y
WARNING: SUSPEND SERVICE OF A GROUP OF LINES
COMMAND AS ENTERED:
SUSGRP NOW 99 4 26 PM NCOS PRADEFAULT 0
ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT
>Y
MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED
JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED
SHOULD ORDER BE DONE ANYWAY? (Y OR N)
>Y
```

ERROR: Protected Service. Verify Action.

13.1.4 Notes

13.1.5 Feature identification

Not applicable.

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

14: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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14.1 Service order change details

14.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

14.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

14.2.1 How service order commands are presented

14.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

14.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

14.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

14.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2 How service order options are presented

14.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

14.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

14.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

14.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

14.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

14.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

14.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

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> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

14: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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14.1 Service order change details

14.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

14.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

14.2.1 How service order commands are presented

14.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

14.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

14.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

14.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2 How service order options are presented

14.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

14.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

14.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

14.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

14.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

14.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

14.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

14.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

15: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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15.1 Service order change details

15.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

15.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

15.2.1 How service order commands are presented

15.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

15.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

15.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

15.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

15.2.2 How service order options are presented

15.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

15.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

15.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

15.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

15.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

15.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

15.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

15.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

7: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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7.1 Service order change details

7.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

7.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

7.2.1 How service order commands are presented

7.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

7.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

7.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

7.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2 How service order options are presented

7.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

7.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

7.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

7.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

7.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

7.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

7.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

7: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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7.1 Service order change details

7.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

7.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

7.2.1 How service order commands are presented

7.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

7.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

7.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

7.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2 How service order options are presented

7.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

7.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

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>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

7.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

7.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

7.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

7.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

7.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

7: Service orders (SO)

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7.1 Service order change details

7.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

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AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

7.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

7.2.1 How service order commands are presented

7.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

7.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

7.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

7.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2 How service order options are presented

7.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

7.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

7.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

7.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

7.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

7.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

7.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

7: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

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7.1 Service order change details

7.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

7.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

7.2.1 How service order commands are presented

7.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

7.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

7.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

7.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2 How service order options are presented

7.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

7.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

7.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

7.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

7.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

7.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

7.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

7.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

12: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

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> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

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12.1 Service order change details

12.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

12.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

12.2.1 How service order commands are presented

12.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

12.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

12.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

12.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

12.2.2 How service order options are presented

12.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

12.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

12.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

12.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

12.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

12.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

12.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

12.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

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AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option’s functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

12: Service orders (SO)

12.1 Summary of service order impact

The NA014 redundant feature is intended to improve the flow through requirement by allowing ADO, DEO & CHF redundancy. The operation of ADO, DEO & CHF commands will be impacted, but the command level interface will not change.

The impact to the operation of Commands will be as follows:

- The ServOrd ADO command will allow options/features to be changed using ADO command when the option or feature is already assigned to a line. This is referred to as the “ADO Redundancy problem” later in this document.
- The DEO command will be accepted while trying to remove a non-existing feature/option on the DN by prompting a warning message This is referred to as the “DEO Redundancy problem” later in this document.
- The CHF command will be accepted while trying to change the feature/ option when it is non existing on a line. This is referred to as the “CHF Redundancy problem” later in this document.
- For Boolean options supported by Redundant Feature, ADO / CHF will not do any journal update and the commands will not be rejected.

However, not all customers want this feature/behavior so capability is provided to enable/disable the redundant feature using two office parameters SO_ALLOW_REDUNDANT_FEATURE (for ADO & DEO command) and SO_ALLOW_REDUNDANT_FEATURE_CHF (for CHF command) in table OFCVAR.

12.2 Service order change details

IDENTIFY any NEW LCC introduced by this feature: None

IDENTIFY any NEW OPTIONS introduced by this feature: None

LIST options NOT compatible with new options introduced: None

FOR EACH OPTION, list other options which must be assigned: None

IDENTIFY new commands: None

12.2.1 Change in Existing message

The following discusses when the new informational “Warning”message may be outputted. This will occur while performing an ADO/DEO/CHF command when redundant feature in set.

While “redundant ADO/DEO/CHF” is disabled, there will be no change in the error message.

- While “redundant ADO/DEO “is enabled via the OFCVAR parameter “SO_ALLOW_REDUNDANT_FEATURE”, a warning message, as shown in Section 13.1.1.1 & 13.1.1.2, will appear for options supported by Redundant Feature.
- While “redundant CHF “is enabled via the OFCVAR parameter “SO_ALLOW_REDUNDANT_FEATURE_CHF”, a warning message, as shown in the Section 13.2.1.1 & 13.2.1.2, will appear for options supported by Redundant Feature.

12.2.1.1 New prompts for NON-KSET Line

- **For ADO command**

‘Option’ Already exists - command and/or order accepted

- **For DEO command**

‘Option’ Is not an existing option - command and/or order accepted.

- **For CHF command**

‘Option’ Is not an existing option - command and/or order accepted

‘Option’ Is an existing Boolean option - command and/or order accepted (For Boolean Options).

12.2.1.2 New prompts for KSET Line

- **For ADO command**

‘Option’ Is already assigned to the key - command and/or order accepted

- **For DEO command**

‘Option’ Is not associated with specified key - command and/or order accepted

- **For CHF command**

‘Option’ Is not associated with specified key - command and/or order accepted

‘Option’ Is an existing Boolean option - command and/or order accepted (For Boolean Options).

Provide a duplicate of actual DMS machine output for this feature.

12.3 Examples of Service Orders for Redundant Feature

12.3.1 ADO redundancy problem

The behavior of an ADO command will change. The intent of the changes is to prevent rejection of a ADO command while adding option(s) / feature(s) that are assigned on the DN. In addition to accepting the ADO command the system will print an explanatory message.

This feature will reduce the service order fallout significantly and will save the administrative work time.

Since not all customers want this feature/behavior so capability is provided to enable/disable this feature using office parameter SO_ALLOW_REDUNDANT_FEATURE.

This feature is being implemented for POTS, IBN & KSET lines, examples for these are as follows:

For more examples refer SO section of AF7334 & AF7778 Document of NA009, NA010 & NA011 releases.

12.3.1.1 Example for NON-KSET Line

- **Example for ADO command**

The following tables will give a clear picture how the new feature will work. Table 1 shows the option CFB already present on the DN 6136212060. Currently while trying to add an existing option CFB on the DN 6136212060, it will show an error message ‘CFB already exists - error inconsistent data’, and the command is rejected. This is shown in Table 2.

Table 1 : Query the DN

Query the Directory Number
>qdn 6136212060 --- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFB N 6212061 A OFFICE OPTIONS: AIN LNPOFFICE

Table 2 : Adding option/feature (before changes)

Using ADO command for adding an non-existing option and a existing option
>ado $ 6212060 CFI $ CFB P $ y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (CFI) (CFB P) $ CFB : ALREADY EXISTS *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (CFI) (CFB P) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

Table 3 depicts adding the existing option CFB to the DN 6136212060 after implementing the changes. The command will be accepted by the servord. Table 4 depicts the table was updated with CFB changes.

Table 3 : Adding an option/feature (after changes)

Using ADO command adding an existing option and non-existing option.
>ado $ 6212060 CFI CFB P $ y y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (CFI) (CFB N P) $ CFB Already exists - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 4 : Query the DN

Query the Directory Number
>qdn 6136212060 --- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFI $ I CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE

12.3.1.2 Example for ISDNKSET Line

- **Example for ADO command**

The following tables will give a clear picture how the feature will work. Table 5 shows the option CFB is present on key 1 of ltid ISDN 1.

Table 5 : Query the Logical Terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: CFB N 6212061 A $ SCS FC 3 DROP LNR NAME PUBLIC ISDN1 5317 SFC OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CFB N 6212061 A $ 7 SCS 25 FC 3 27 DROP

Currently while trying to add an existing option CFB on the same key, it will show an error message ‘CFB already exists on the set - error inconsistent data’, and the command is rejected. This is shown in Table 6. Table 7 depicts adding the existing option CFB on the same key after implementing the changes. The command will be accepted by ServOrd.

Table 6 : Adding option/feature (before changes)

Using ADO command adding an existing option
>ado $ isdn 1 1 CFB P$ $ y COMMAND AS ENTERED: ADO NOW 99 11 27 AM ISDN 1 (1 CFB P $) $ CFB already exists on the set. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: ADO NOW 99 11 27 AM ISDN 1 (1 CFB N 6212061 $) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

Table 7 : Adding option/feature (after changes)

Using ADO command adding an existing option
>ado $ isdn 1 1 CFB P $ $ y y COMMAND AS ENTERED: ADO NOW 99 11 27 AM ISDN 1 (1 CFB P $) $ CFB : Is already assigned to the key - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 8 depicts that the table was updated with CFB changes.

Table 8 : Query the Logical Terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: CFB P $ I $ SCS FC 3 DROP LNR NAME PUBLIC ISDN1 5317 SFC OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CFB P $ I $ 7 SCS 25 FC 3 27 DROP ----------

12.3.1.3 Example for Boolean Options

For Boolean Options supported by Redundant Feature, ADO will not do any change to the existing options on the line. Following tables show how ADO command will behave for Boolean Options.

Table 9 shows the boolean option CFI already present on the DN 6136212060. Currently while trying to add an existing option CFI on the DN 6136212060, it shows an error message ‘CFI : ALREADY EXISTS’, and the command is rejected. This is shown in Table 10.

Table 9 : Query the DN

Query the Directory Number
>qdn 6136212060 --- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFI $ I CFD N 6212061 A OFFICE OPTIONS: AIN LNPOFFICE

Table 10 : Adding option/feature (before changes)

Using ADO command for adding an existing boolean option
>ado $ 6212060 CFI $ y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (CFI) $ CFI : ALREADY EXISTS *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: ADO NOW 99 11 27 PM 6212060 (CFI) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >n

Table 11 depicts adding the existing option CFI to the DN 6212060 after implementing the changes. The command will be accepted by ServOrd. Table 12 depicts the option data for DN 6212060 remains unchanged.

Table 11 : Adding option/feature (after changes)

Using ADO command adding an existing boolean option
>ado $ 6212060 CFI $ y y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (CFI) $ CFI Already exists - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 12 : Query of DN (After changes)

Query the Directory Number
>qdn 6136212060 --- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFI $ I CFD N 6212061 A OFFICE OPTIONS: AIN LNPOFFICE

12.3.2 DEO redundancy problem

The behavior of an DEO command will change. The intent of the changes is to prevent rejection of a DEO command while deleting option(s) / feature(s) that are not assigned on the DN. In addition to accepting the DEO command the system will print an explanatory message.

This feature will reduce the service order fallout significantly and will save the administrative work time.

Since not all customers want this feature/behavior so capability is provided to enable/disable this feature using office parameter SO_ALLOW_REDUNDANT_FEATURE. For more examples refer SO section of AF7334 & AF7778 of previous releases.

This feature is being implemented for POTS,IBN & KSET lines, examples for these are as follows:

12.3.2.1 Example for NON-KSET Line

- **Example for DEO command**

The following tables illustrate how the new feature will work. Table 23 shows the option CFI is present on the DN 6136212061 & option CFD is not present on the line.

Table 13 : Query the DN

Query the Directory Number
>qdn 6136212060 ---------- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFI $ I CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE

Currently while trying to remove the non-existing option CFD from the DN 6136212061 the error message ‘CFD IS NOT AN EXISTING OPTION ERROR - INCONSISTENT DATA’ is displayed as shown in Table 14 and the ServOrd rejects the command. Table 15 shows ServOrd accepting DEO command while trying to remove the non-existing option CFD and existing option CFI from the DN 6136212061 after implementing the new changes.

Table 14 : Deleting options (Before changes)

Deleting a non-existing option and existing option
>deo $ 6136212060 CFD CFI $ y COMMAND AS ENTERED: DEO NOW 99 11 27 AM 6136212060 (CFD) (CFI) $ CFD IS NOT AN EXISTING OPTION *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: DEO NOW 99 11 27 AM 6136212060 (CFD) (CFI) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

Table 15 : Deleting options(after changes)

Deleting a non-existing option and existing option
>deo $ 6136212060 CFD CFI $ y y COMMAND AS ENTERED: DEO NOW 99 11 27 AM 6136212060 (CFD)(CFI) $ CFD : Is not an existing option - command and/or order accepted COMMAND AS ENTERED: DEO NOW 99 11 27 AM 6136212060 (CFD)(CFI) $ >

Table 16 shows the option CFI deleted from the DN after the changes.

Table 16 : Query of DN (after changes)

Query the Directory Number
>qdn 6136212060 ---------- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: DGT CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE ----------

12.3.2.2 Example for ISDNKSET Line

- **Example for DEO command**

The following tables provide a clear picture how the new feature will work. Table 17 shows the option CFI is not present on key 1 of ltid ISDN 1.

Table 17 : Query the logical terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: CFB P $ I $ SCS FC 3 DROP LNR NAME PUBLIC ISDN1 5317 SFC OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CFB P $ I $ 7 SCS 25 FC 3 27 DROP

Currently while trying to DEO a non-existing option CFI on optkey 1, it shows an error message ‘CFI is not on the set -ERROR- INCONSISTENT DATA’, and the command is rejected. This is shown in Table 18.Table 19 depicts DEOing a non-existing option CFI on optkey 1 after implementing the changes. The command is accepted by the ServOrd.

Table 18 : Deleting option (before changes)

Deleting a non-existing option
>deo $ isdn 1 1 CFI $ y COMMAND AS ENTERED: DEO NOW 99 11 27 AM ISDN 1 (1 CFI) $ CFI does not exist on the set. *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: DEO NOW 99 11 27 AM ISDN 1 (1 CFI) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >

Table 19 : Deleting option (after changes)

Deleting a non-existing line existing option
>deo $ isdn 1 1 CFI $ y y COMMAND AS ENTERED: DEO NOW 99 11 27 AM ISDN 1 (1 CFI) $ CFI : is not associated with specified key - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 20 depicits the output for QLT command

Table 20 : Query the logical terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: CFB P $ I $ SCS FC 3 DROP LNR NAME PUBLIC ISDN1 5317 SFC OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CFB P $ I $ 7 SCS 25 FC 3 27 DROP

12.3.3 CHF redundancy problem

The behavior of an CHF command will change. The intent of the changes is to prevent rejection of a CHF command while trying to change the feature/option that is non-existing on a DN. In addition to accepting the CHF command the system will print an explanatory message.

This feature will reduce the service order fallout significantly and will save the administrative work time.

Since not all customers want this feature/behavior so capability is provided to enable/disable this feature using office parameter SO_ALLOW_REDUNDANT_FEATURE_CHF.

This feature is being implemented for POTS,IBN & KSET lines, examples for these are as follows:

12.3.3.1 Example for NON-KSET Line

- **Example for CHF command**

The following tables will give a clear picture how the new feature will work. Table 21 shows the option PIC is not present on the DN 6136212060. Currently while trying to change the feature of an non-existing option PIC on the DN 6136212060, it will show an error message ‘PIC -is not a existing option - error inconsistent data’, and the command is rejected. This is shown in Table 22.

Table 21 : Query the DN

Query the Directory Number
>qdn 6212060 ---------- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: 3WC DGT CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE

Table 22 : CHF for non-existing option/feature (before changes)

Using CHF command for an non-existing option and a existing option
>chf $ 6212060 pic C542 y CFB n 6212061 $ y COMMAND AS ENTERED: CHF NOW 99 12 2 AM 6212060 (PIC C542 Y) (CFB N 6212061) $ PIC is not an existing option *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: CHF NOW 99 12 2 AM 6212060 (PIC C542 Y) (CFB N 6212061) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >n

Table 23 depicts CHF command on the DN 6136212060 with a non-existing option PIC after implementing the changes. The command will be accepted by the servord. Table 24 depicts the table was updated with PIC changes.

Table 23 : CHF for non-existing option/feature (after changes)

Using CHF command for an non-existing option and a existing option.
>chf $ 6212060 pic C542 y CFB n 6212061 $ y COMMAND AS ENTERED: CHF NOW 99 12 2 AM 6212060 (PIC C542 Y) (CFB N 6212061) $ PIC Is not an existing option - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 24 : Query the DN

Query the Directory Number
>qdn 6212060 --- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: 3WC DGT PIC C542 Y CFB N 6212061 A OFFICE OPTIONS: AIN LNPOFFICE

12.3.3.2 Example for ISDNKSET Line

- **Example for CHF command**

The following tables will give a clear picture how the feature will work. Table 25 shows the option PIC is not present on key 1 of ltid ISDN 1.

Table 25 : Query the Logical Terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: SCS FC 3 DROP LNR SFC NAME PUBLIC ISDN1 5317 OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CND AMA 7 SCS 25 FC 3 27 DROP

Currently while trying to change feature of an non-existing option PIC , it will show an error message ‘PIC is not on the given key - error inconsistent data’, and the command is rejected. This is shown in Table 2 6. Table 27 depicts CHF of the non-existing option PIC on the same key after implementing the changes. The command will be accepted by ServOrd.

Table 26 : CHF for non-existing option/feature (before changes)

Using CHF command for an non-existing option .
>chf $ isdn 1 1 pic c542 y $ y COMMAND AS ENTERED: CHF NOW 99 12 2 AM 6212060 (1 PIC C542 Y) $ PIC is not on the key given *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: CHF NOW 99 12 2 AM ISDN 1 (1 PIC C542 Y) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >n

Table 27 : CHF for non-existing option/feature (after changes)

Using CHF command for an non-existing option .
>chf $ isdn 1 1 pic c542 y $ y COMMAND AS ENTERED: CHF NOW 99 12 2 AM 6212060 (1 PIC C542 Y) $ PIC : is not associated with specified key - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 2 8 depicts that the table was updated with PIC option after CHF.

Table 28 : Query the Logical Terminal

Query command Output
>qlt isdn 1 ---------- LTID: ISDN 1 SNPA: 613 DIRECTORY NUMBER: 6215901 LT GROUP NO: 0 LTCLASS: BRAFS DEFAULT LOGICAL TERMINAL: N EKTS: Y CACH: N SLBRI: N BEARER SERVICE ALLOWED: VOICE VBD CMD CS: Y PS: N ELN: N VERSION: FUNCTIONAL ISSUE: 2 TSPID: 613621590101 LEN: HOST 01 1 02 02 TEI: DYNAMIC CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 RING: Y LINE CLASS CODE: ISDNKSET MAXKEYS: 64 OPTIONS: PIC C542 Y SCS FC 3 DROP LNR SFC NAME PUBLIC ISDN1 5317 OFFICE OPTIONS: AIN LNPOFFICE KEY DN --- -- 1 DN 6136215901 3 MDN 6136215920 SCA PRIMARY KEY FEATURE --- ------- 1 CND AMA 1 PIC C542 Y 7 SCS 25 FC 3 27 DROP

12.3.3.3 Example for Boolean Options

For Boolean Options supported by Redundant Feature, CHF will not do any change for existing options. Following tables show how CHF command will behave for Boolean Options.

Table 29 shows the boolean option 3WC already present on the DN 6136212060. Currently while trying to change feature of an existing boolean option 3WC on the DN 6136212060, it shows an error message ‘3WC cannot be changed using the CHF command.- ERROR - Inconsistent data.’, and the command is rejected. This is shown in Table 30.

Table 29 : Query the DN

Query the Directory Number
>qdn 6212060 ---------- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: 3WC DGT CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE

Table 30 : CHF for existing boolean option (before changes)

Using CHF command for an existing boolean option
>ado $ 6212060 3WC $ y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (3WC) $ 3WC cannot be changed using the CHF command *** ERROR - INCONSISTENT DATA *** COMMAND AS ENTERED: ADO NOW 99 11 27 PM 6212060 (3WC) $ ENTER Y TO CONFIRM,N TO REJECT OR E TO EDIT >n

Table 31 depicts changing the existing Surveyor option 3WC on the DN 6212060 after implementing the changes. The command will be accepted by ServOrd. Table 32 depicts the option data for DN 6212060 remains unchanged.

Table 31 : CHF for existing boolean option (after changes)

Using ADO command an existing boolean option
>ado $ 6212060 3WC $ y y COMMAND AS ENTERED: ADO NOW 99 11 27 AM 6212060 (3WC) $ 3WC : is an existing Boolean option - command and/or order accepted MACHINES ARE OUT OF SYNC, SERVICE ORDERS NOT ALLOWED JOURNAL FILE IS INACTIVE, SERVICE ORDERS NOT ALLOWED >

Table 32 : Query of DN (After changes)

Query the Directory Number
>qdn 6212060 ---------- DN: 6212060 TYPE: SINGLE PARTY LINE SNPA: 613 SIG: DT LNATTIDX: N/A LINE EQUIPMENT NUMBER: HOST 00 0 18 05 LINE CLASS CODE: IBN IBN TYPE: STATION CUSTGRP: IBNTST SUBGRP: 0 NCOS: 0 CARDCODE: 6X17AA GND: N PADGRP: STDLN BNV: NL MNO: N PM NODE NUMBER : 40 PM TERMINAL NUMBER : 582 OPTIONS: 3WC DGT CFB P $ I OFFICE OPTIONS: AIN LNPOFFICE

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is a resource for the following customer documentation NTP modules: Service Order Tables, Service Order Options, and Translations.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer-level information. Avoid using customer names or acronyms.

> **Note**: If you are making changes to SERVORD that will affect the RES Environment (e.g. adding new line option), please see PLS DIS document LTRESCHK. Refer to the PLS home page (http://47.80.12.39:31462/pls).

Template instructions: Do not include this section in the DDOC if service orders are not affected.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

13: Service orders (SO)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

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13.1 Service order change details

13.1.1 LCC and options

Identify limiting conditions which may apply to the Line Class Code (LCC) or OPTION

IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

Table 1 Meridian digital centrex feature assignment requirements

Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

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Include the option's functional group and feature number.

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Feature number: <feature number> for example, AR1917

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13.1 Service order change details

13.1.1 LCC and options

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IDENTIFY any NEW LCC introduced by this feature:

IDENTIFY any NEW OPTIONS introduced by this feature:

LIST options NOT compatible with new options introduced:

FOR EACH OPTION, list other options which must be assigned.

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Feature	500 2500	MDC SET	MDC Business Set Set Relationship							
Complete this Feature Matrix for feature assignment requirement and/ or restrictions. (See examples below.)			SET	SUBSET	KEY	DN	DEDKEY	LAMP	CODE	DISPLAY
AABSAUTOMATIC ANSWERBACK	N	Y	X				X	X		
AUTODISP**AUTOMATIC DISPLAY	N	Y		X						X

The feature in the table above requires a handsfree Business Set. This feature must be assigned to key 1.

13.2 New commands

IDENTIFY new commands.

Description of new commands should be included in the CI section of the DDOC.

13.2.1 How service order commands are presented

13.2.1.1 Description

Describe the purpose of the command and how it is used.

Example:
The ADD command is used to add unassigned single-line and multiline telephone set directory numbers (DN) to directory number hunt (DNH)/ bridged night number (BNN) groups.

13.2.1.2 Applicability

List the types of LCCs, hunt groups, customer groups and lines that the command can affect.

Example:
The applicability is as follows:

- hunt group members

- call pickup groups

13.2.1.3 Example

Provide an example of the command as it is used in SERVORD in both prompt and no-prompt modes. The example begins with an explanation of the SERVORD command and ends with the last prompt associated with the command.

Figure 1 Example of the <abbreviated command name> command in prompt mode

```
>CDN
SONUMBER: NOW 91 12 7 PM
>
OLD_DN:
>6215123
NEW_DN:
>6214040
INTERCEPT_NAME:
>OPRT
```

Figure 2 Example of the <abbreviated command name> command in no-prompt mode

```
>CDN $ 6215123 6214040 OPRT
```

13.2.1.4 Command prompts

Provide information about each prompt associated with the command that is referenced, by describing the prompt and the valid inputs each prompt requires. List system prompts in order of appearance.

The system prompts for <abbreviated command name> are shown in order of their appearance.

Table 2 System prompts for <abbreviated command name>

Prompt	Valid input	Description	Areas effected by prompts

Prompt	Valid input	Description	Areas effected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2 How service order options are presented

13.2.2.1 Description

Briefly describe to the customer the option's purpose.

Example:
The 3WC option enables the subscriber on the assigned line to place an existing call on hold and to set up an inquiry call to another subscriber. The subscriber initiating the three-way call can switch speech paths between the held party and the talking party, connect all parties into a three-port conference, and remove the conference and reconnect to a single party.

13.2.2.2 Example

Include any option being added or changed to a line in both prompt and no-prompt modes. The example begins with the SERVORD command that adds the option and ends with the last prompt associated with the option.

Figure 3 Example of the <abbreviated option name> option in prompt mode

```
>ADO
SONUMBER: NOW 92 4 7 AM
>
DN_OR_LEN:
>6215001
OPTION:
>ADSI
 OPTION:
>$
```

Figure 4 Example of the <abbreviated option name> option in no-prompt mode

```
> ADO $ 6215002 ADSI $
```

13.2.2.3 Option prompts

Provide information about each prompt that is associated with the option that is referenced, by describing the prompt and the valid inputs each prompt requires.

Table 3 System prompts for the <abbreviated option name> option

Prompt	Valid input	Description	Areas affected by prompts
<prompt> in order of appearance when the LCC or option is assigned.		Give a brief description of all prompts and comment on valid inputs if necessary.	Enter CC, Option, Command, or other

13.2.2.4 Line class code compatibility

Describe the option's compatibility to LCC.

Table 4 <abbreviated option name> compatibility to LCC

Example: 3WC to LCC compatibility

Line class code	Compatible?
1FR-1MR:	Yes/No

13.2.2.5 Assignability

Describe whether the option is assignable to a Meridian business set as a DN, Key, Set, or Subset feature.

The following functionalities apply to this option:

- set functionality: <yes or no>
- subset functionality: <yes or no>
- DN functionality: <yes or no>

- key functionality: <yes or no>

13.2.2.6 Option prerequisites

Specify all other options required before adding the option to a line.

.

<abbreviated option name> has the following prerequisites:

13.2.2.7 Notes

Add information about the option that might be helpful to the end user.

The following notes apply to <abbreviated option name>:

Example:
The following notes apply to <abbreviated option name>:

- 3WC affects the value of the following parameters: NUMPERMIXT, NUMTEMPEXT, NMULTIBLKS, NO_OF_FTR_CONTROL_BLKS, NO_OF_FTR_DATA_BLKS, AND NO_OF_FTR_XLA_BLKS.

13.2.2.8 Feature identification

Include the option's functional group and feature number.

Functionality: <functional group> for example,BASE0001

Feature number: <feature number> for example, AR1917

*** AUTOMATIC MESSAGE ACCOUNTING LIST OF FEATURES ***

a59006371_am.aa08
a59006586_am.ab44
a59010572_am.aa12
a59010576_am.aa12
a59011294_am.aa28
a59011676_am.aa12
a59011902_am.aa05
a59011907_am.aa82
a59011948_am.aa14
a59011953_am.aa09
a59012000_am.aa07
a59012144_am.aa11
a59012182_am.aa20
a59012192_am.aa12
a59012232_am.aa09
a59012291_am.aa03
a59012446_am.aa10
a59012468_am.aa08
a59012488_am.aa14
a59012574_am.aa14
a59012624_am.aa08
a59012642_am.aa06
a59012655_am.aa07
a59012846_am.aa08
a59012880_am.aa07
a59013009_am.aa11
a59013034_am.aa11
a59013044_am.aa21
a59013088_am.aa10
a59013169_am.aa14
a59013226_am.aa49
a59013251_am.aa08
a59013383_am.aa11
a59013430_am.aa23
a59013476_am.aa04
a59013533_am.aa04
a59013762_am.aa12
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s10253300_am.aa01
spmbbfp_so.aa01

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

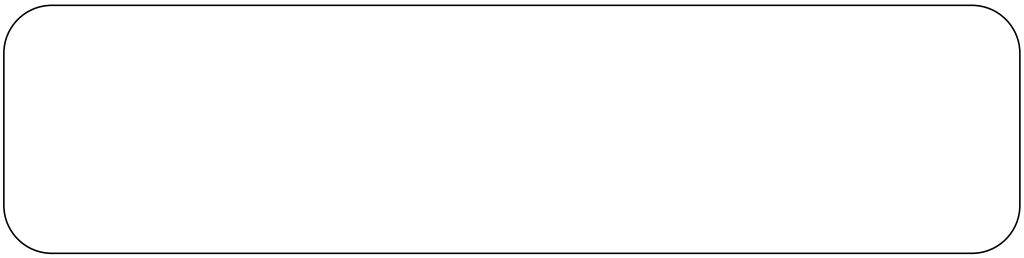
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

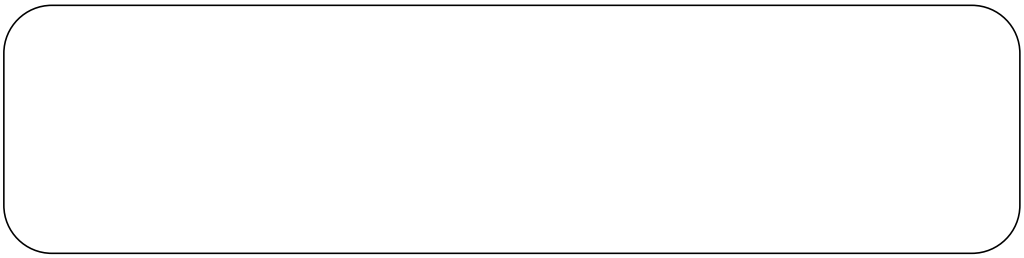
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

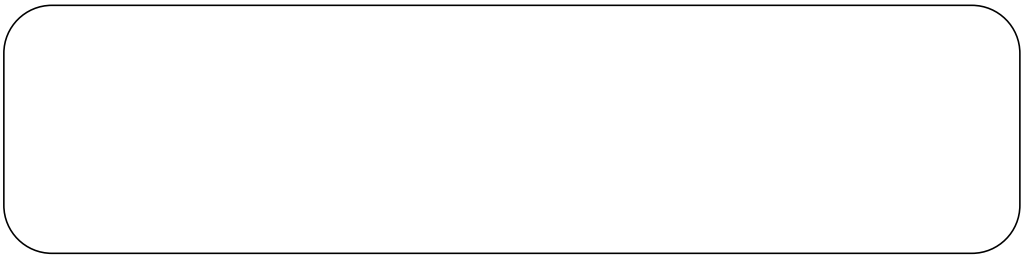
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

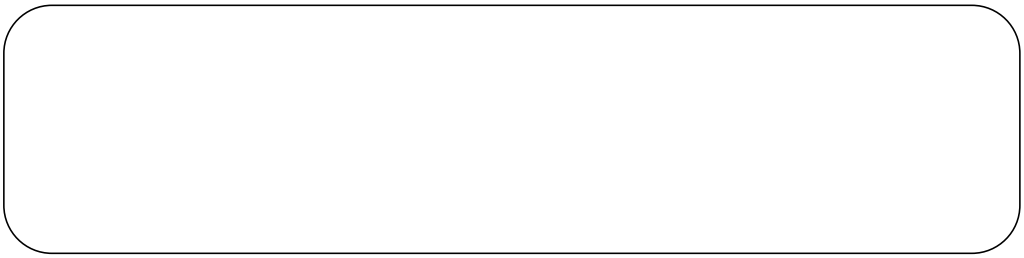
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

```
HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR
TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC
OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY
IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER
ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C
ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS
2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL
INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS
1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT
TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C
SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS
DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE
INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF
DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF
ANNOUNCEMENT:1C MODULE COPDE:000C
```

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

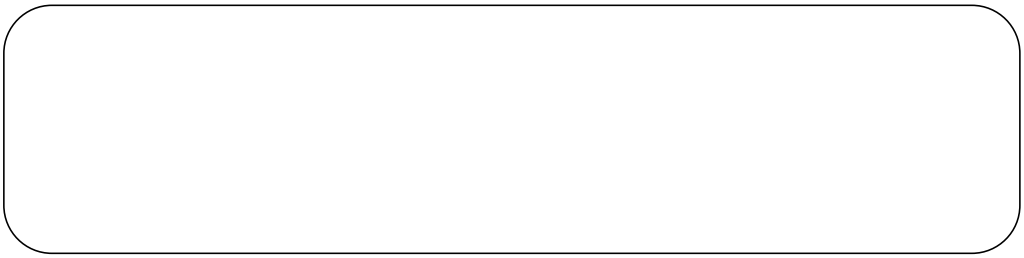
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

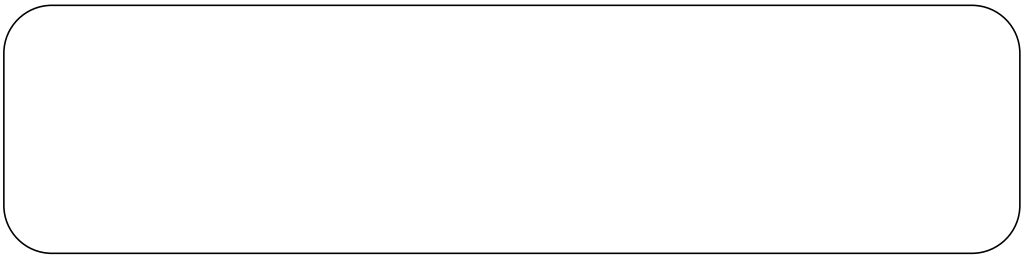
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

15: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

15.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

15.2 AMA changes

15.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

15.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

15.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

15.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

15.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

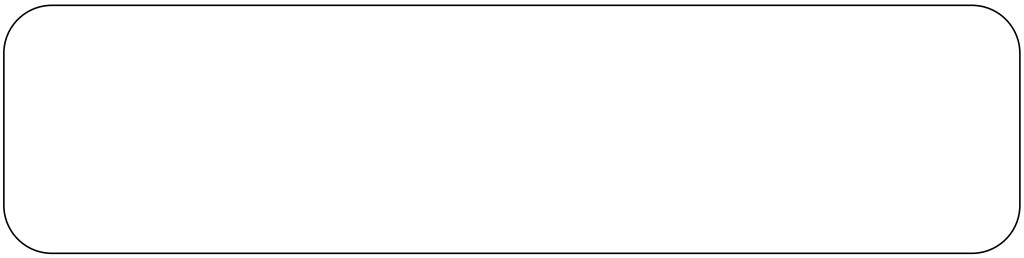
15.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

15.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

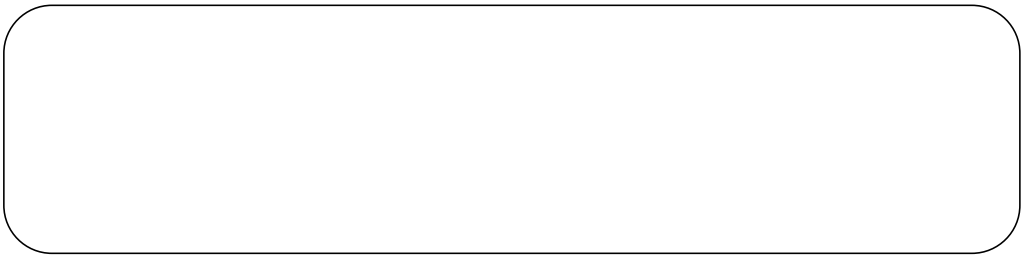
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

```
HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR
TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC
OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY
IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER
ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C
ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS
2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL
INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS
1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT
TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C
SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS
DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE
INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF
DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF
ANNOUNCEMENT:1C MODULE COPDE:000C
```

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

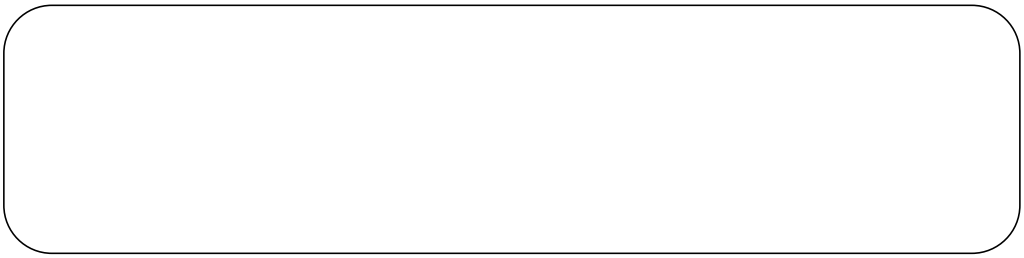
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

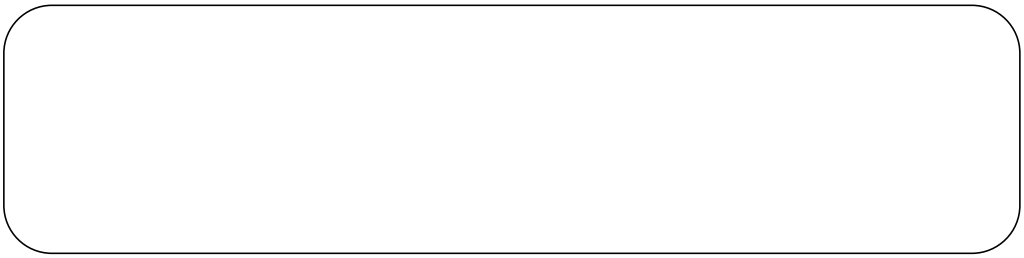
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

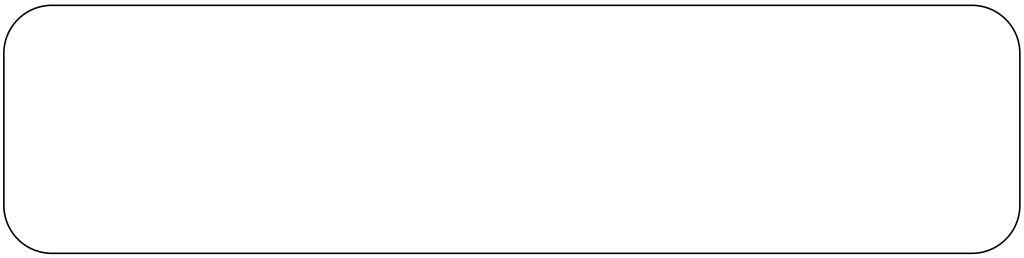
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

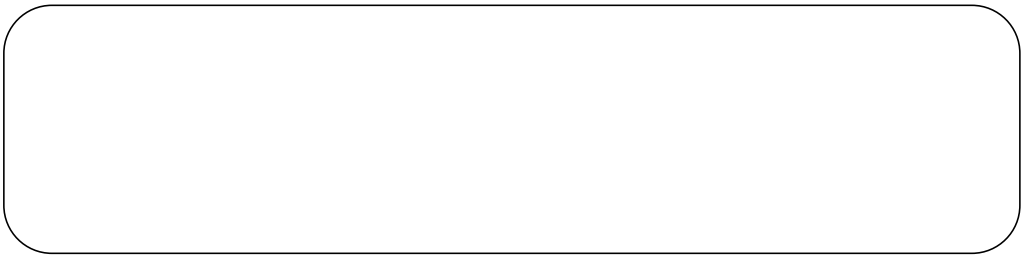
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

```
HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR
TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC
OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY
IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER
ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C
ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS
2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL
INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS
1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT
TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C
SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS
DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE
INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF
DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF
ANNOUNCEMENT:1C MODULE COPDE:000C
```

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

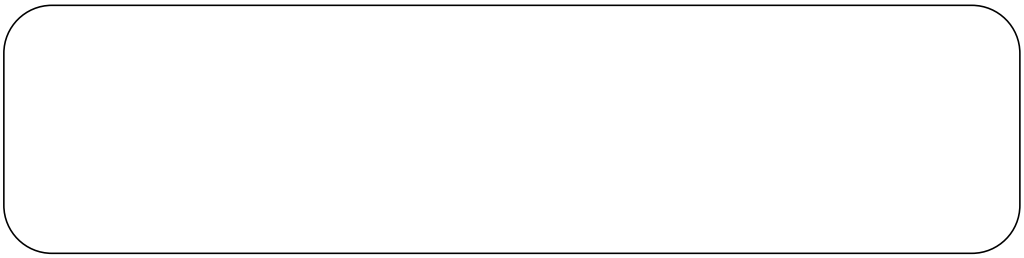
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

18: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

18.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

18.2 AMA changes

18.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

18.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

18.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

18.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

18.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

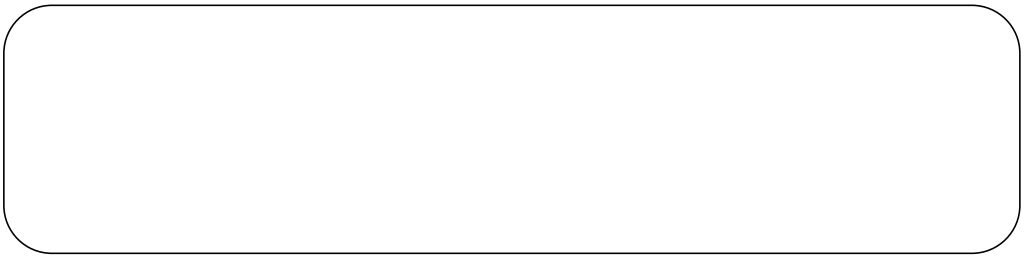
18.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

18.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

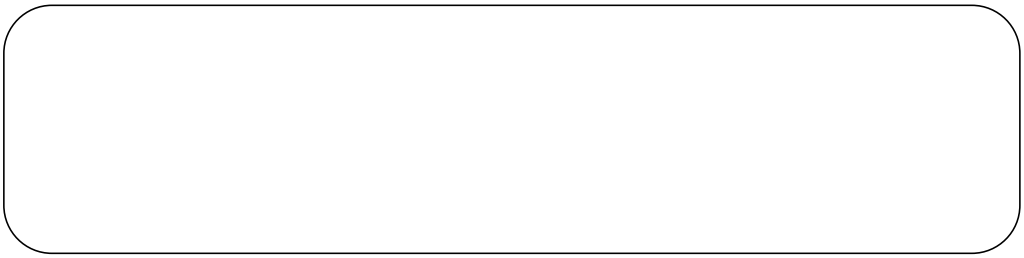
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

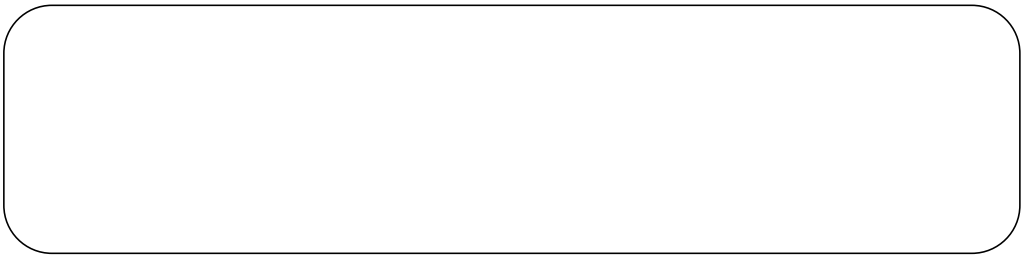
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

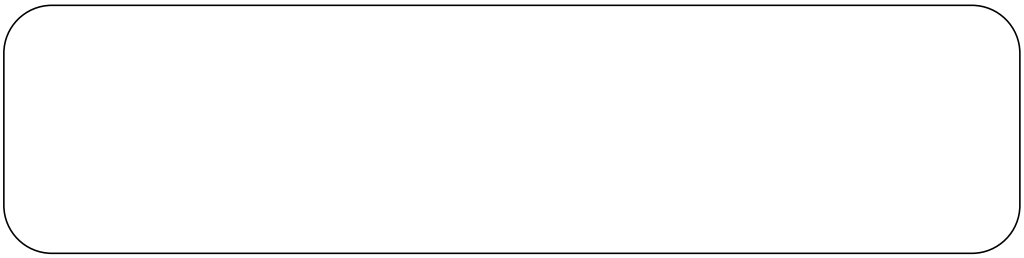
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

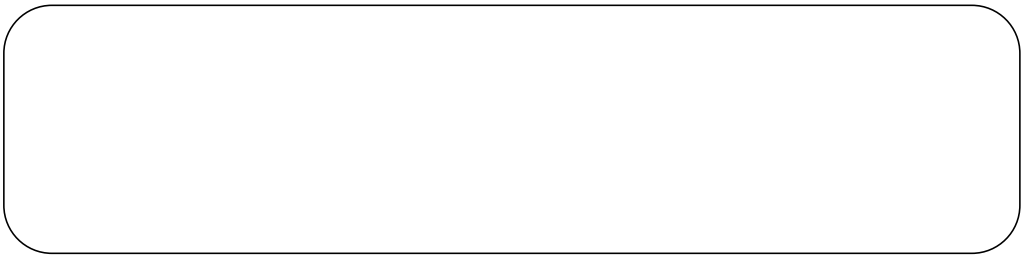
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

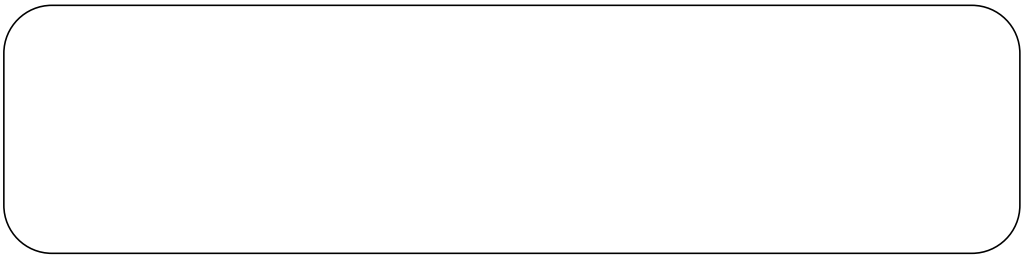
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

16: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

16.2 AMA changes

16.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

16.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

16.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

16.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

16.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

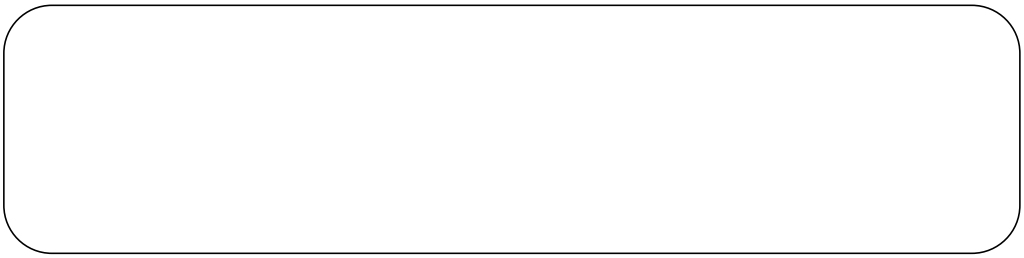
16.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

16.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

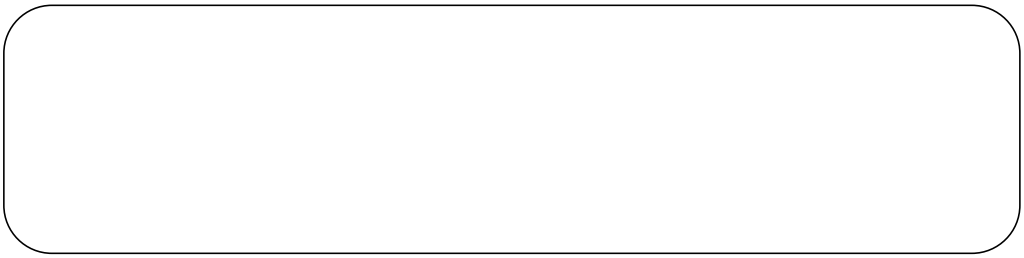
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

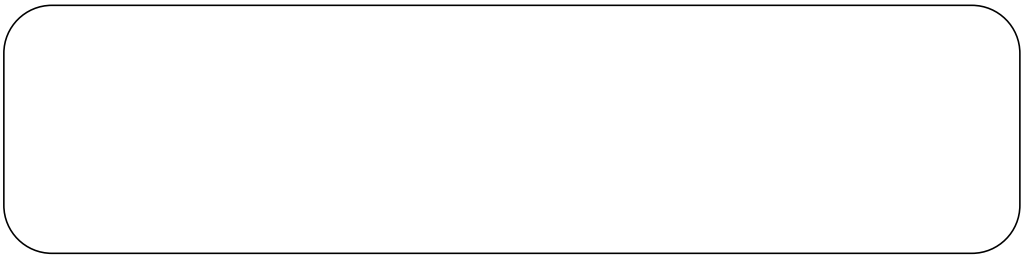
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

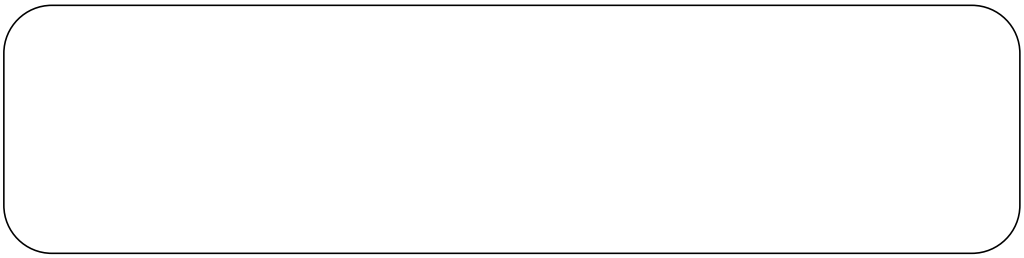
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

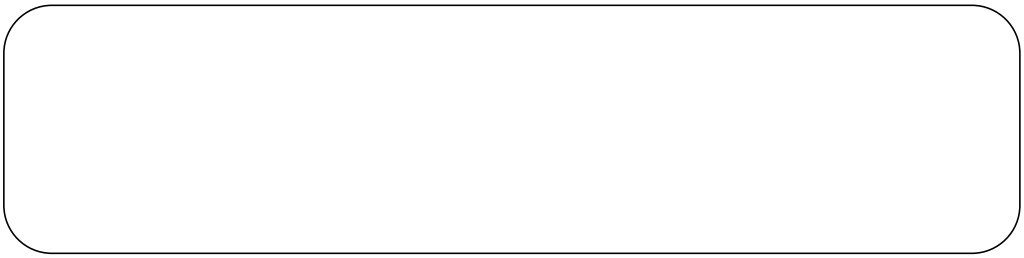
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

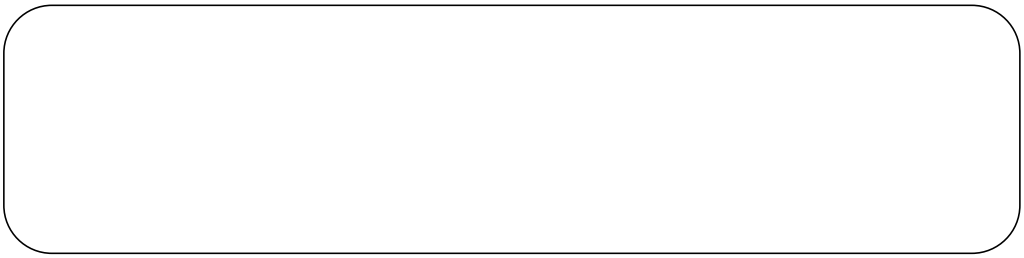
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Purpose: This feature does not make any AMA/billing changes.

17.1 Activity summary

N/A

17.2 AMA changes

None

17.2.1 Structure codes

17.2.2 Structure code nnn

17.2.3 Module code

17.2.4 Module code nnn

17.2.5 Tables (fields)

17.2.6 Field nnn

17.3 Other changes

None

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

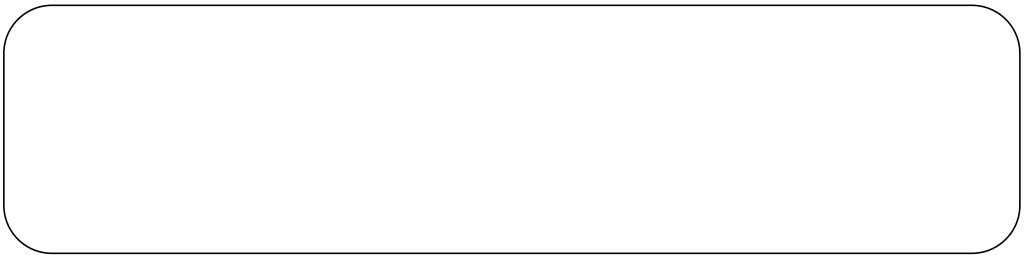
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

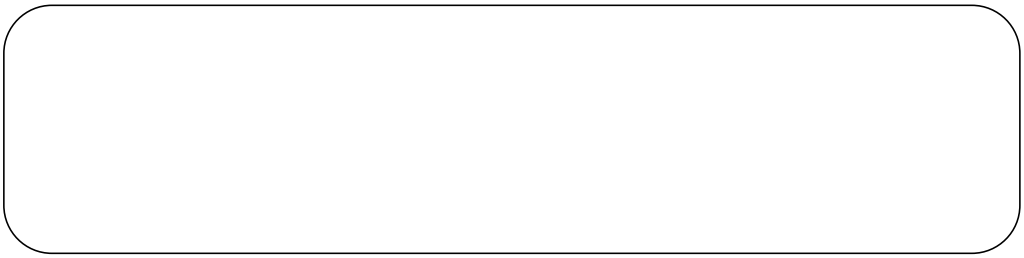
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

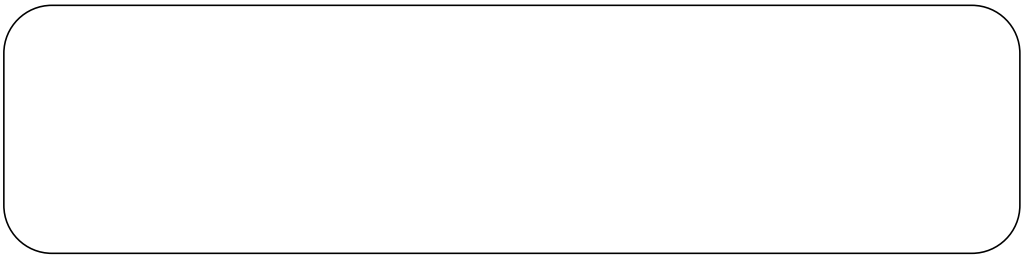
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

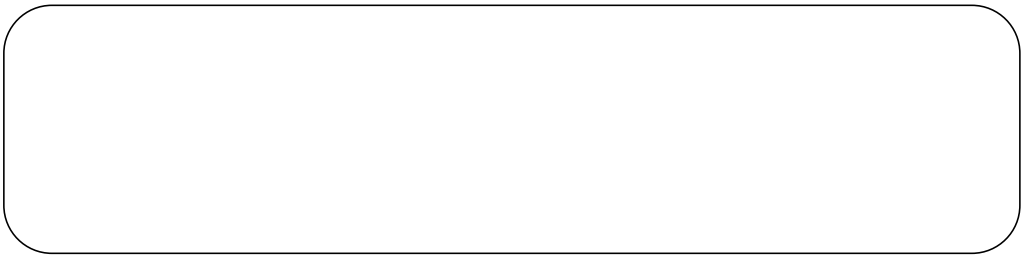
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

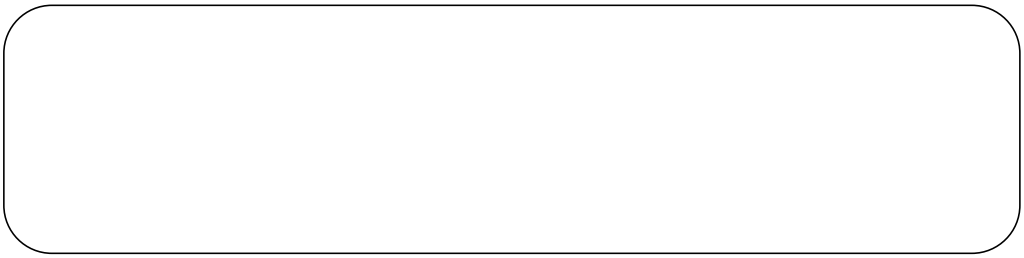
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

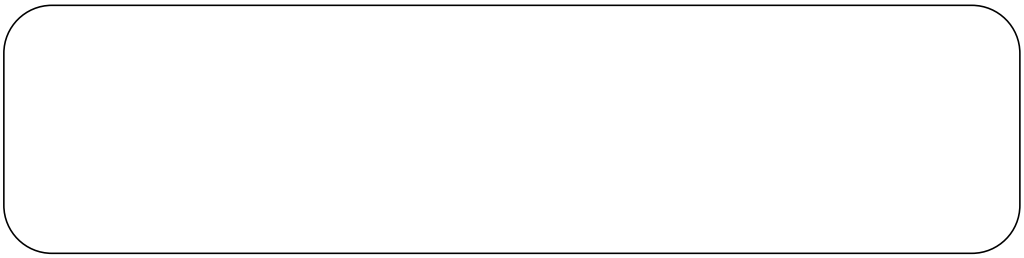
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

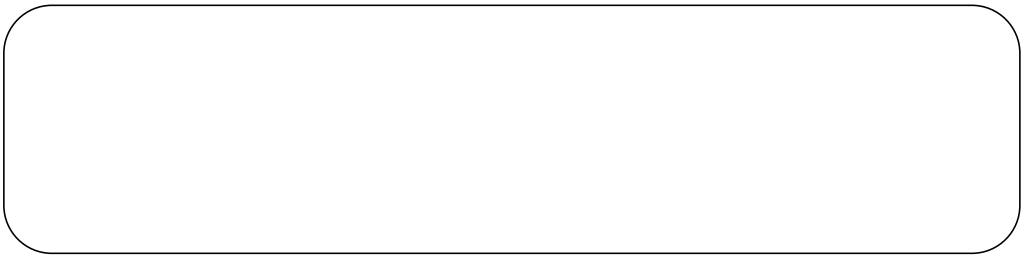
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

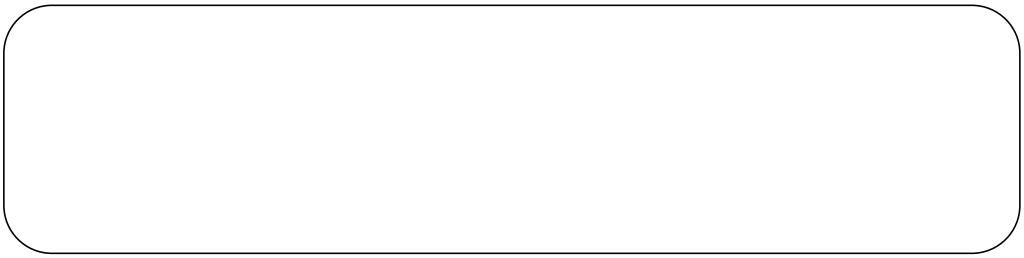
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

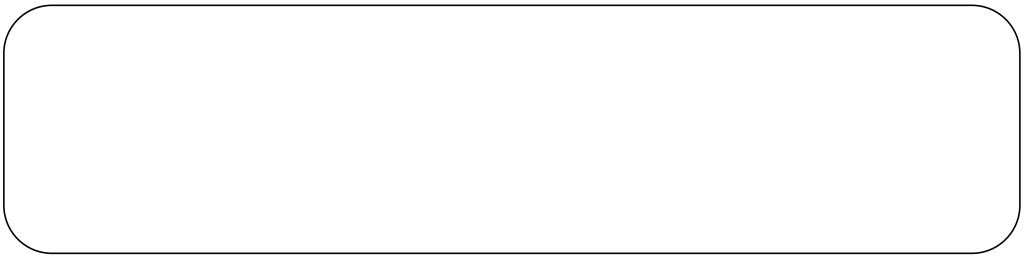
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

18: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

18.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

18.2 AMA changes

18.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

18.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

18.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

18.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

18.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

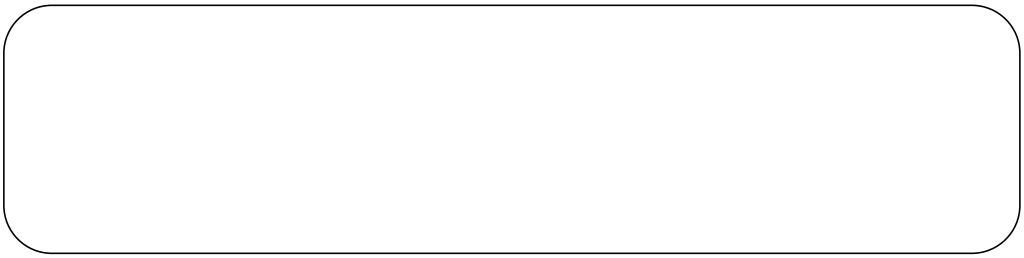
18.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

18.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

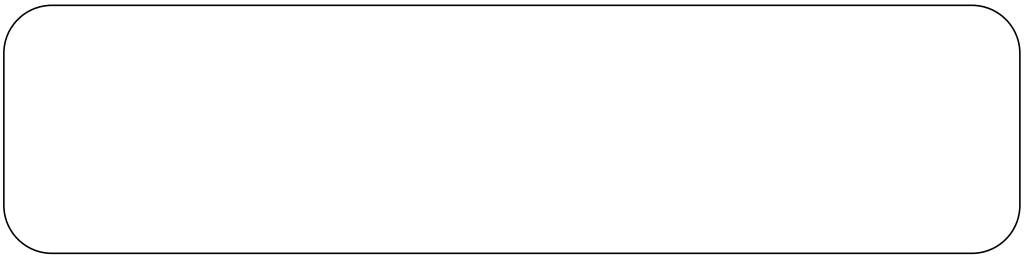
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

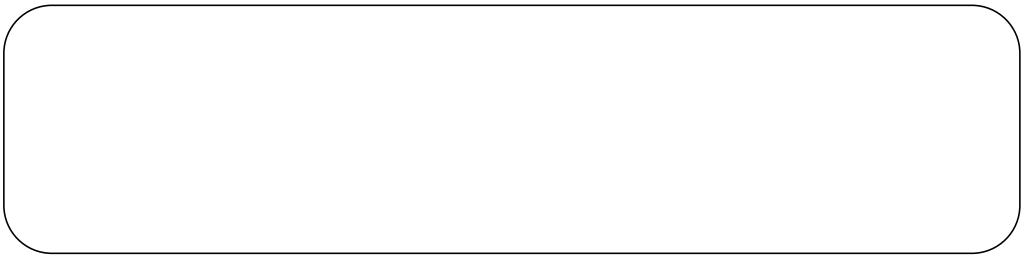
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

18: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

18.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

18.2 AMA changes

18.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

18.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

18.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

18.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

18.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

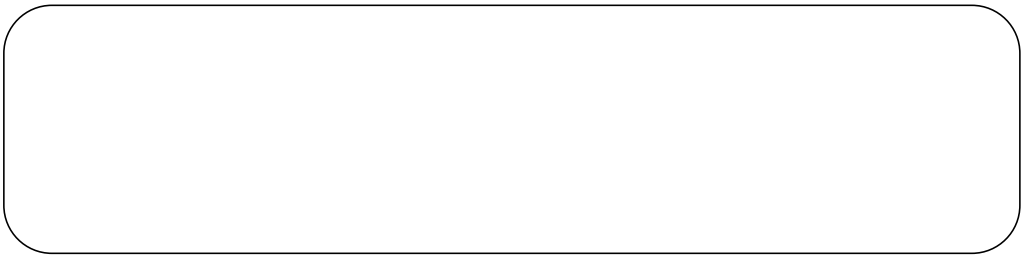
18.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

18.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

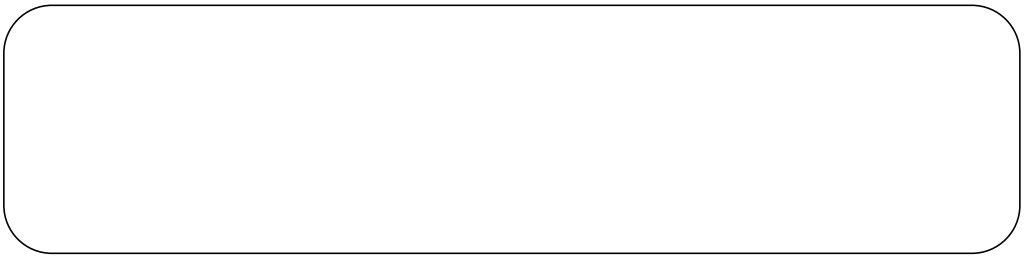
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

19: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

19.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

19.2 AMA changes

19.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

19.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

19.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

19.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

19.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

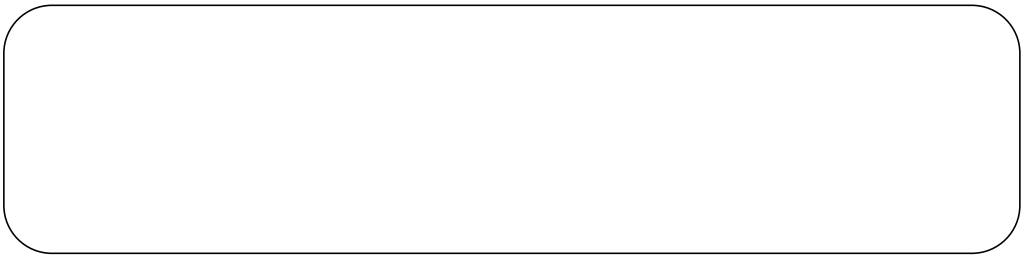
19.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

19.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

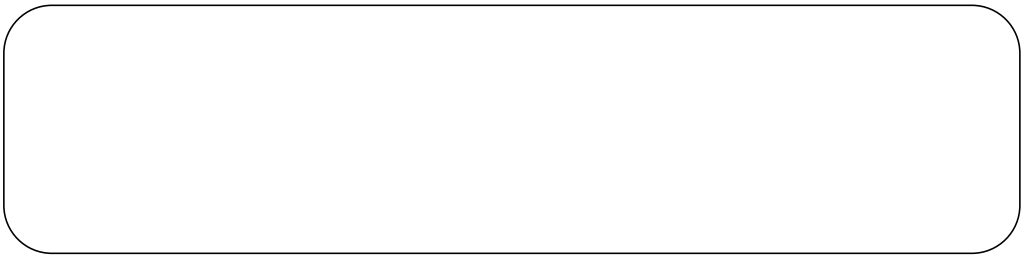
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

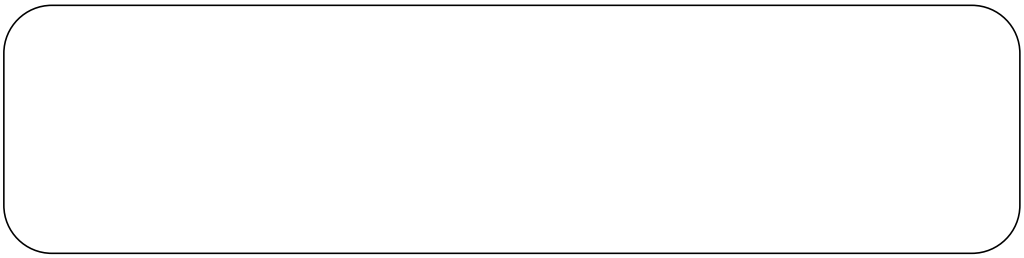
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

11: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

11.2 AMA changes

11.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

11.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

11.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

11.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

11.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

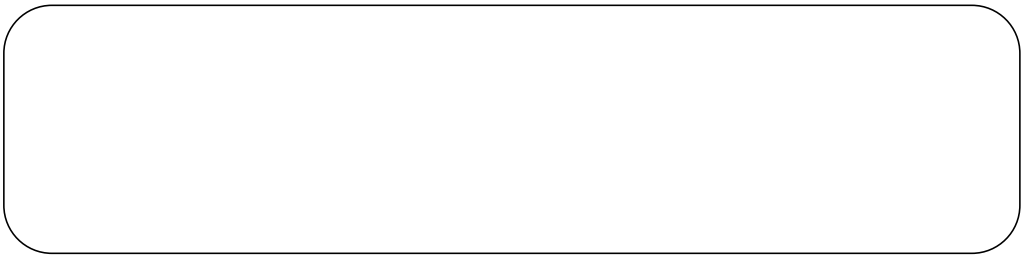
11.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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11.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

11: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

11.2 AMA changes

11.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

11.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

11.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

11.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

11.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

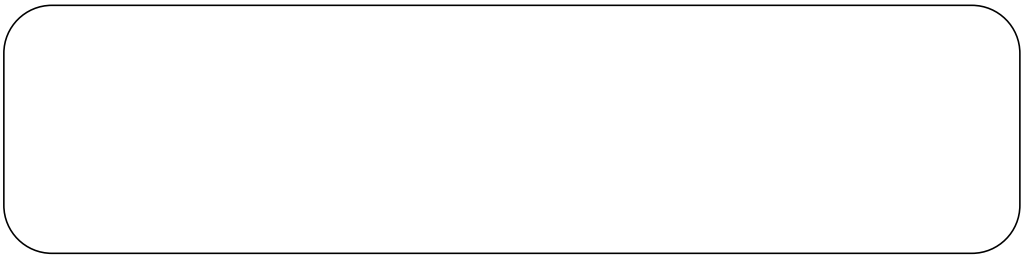
11.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

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11.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

11: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

11.2 AMA changes

11.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

11.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

11.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

11.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

11.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

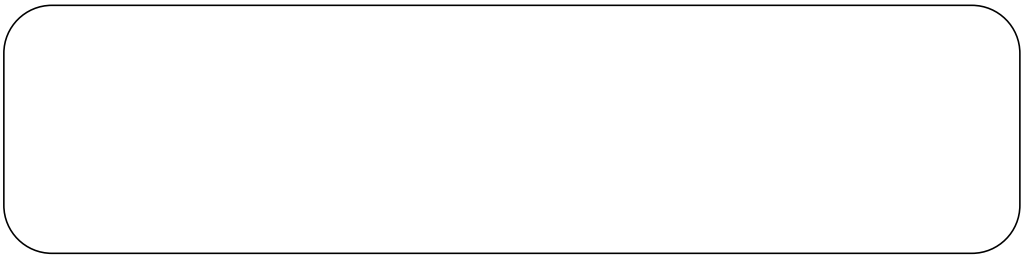
11.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

11.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

11: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

11.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

11.2 AMA changes

11.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

11.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

11.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

11.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

11.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

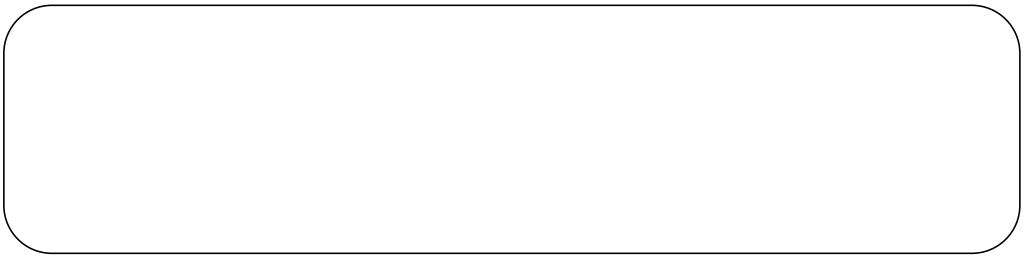
11.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

11.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

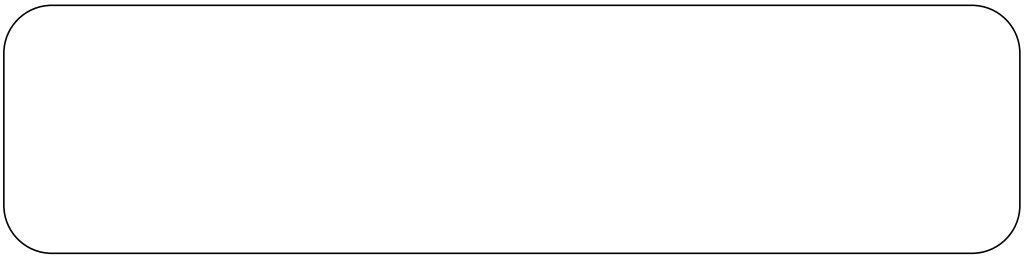
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

16: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

16.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

16.2 AMA changes

16.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

16.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

16.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

16.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

16.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

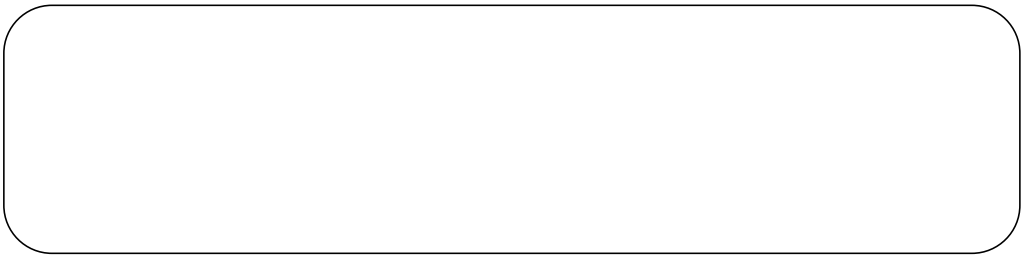
16.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

16.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

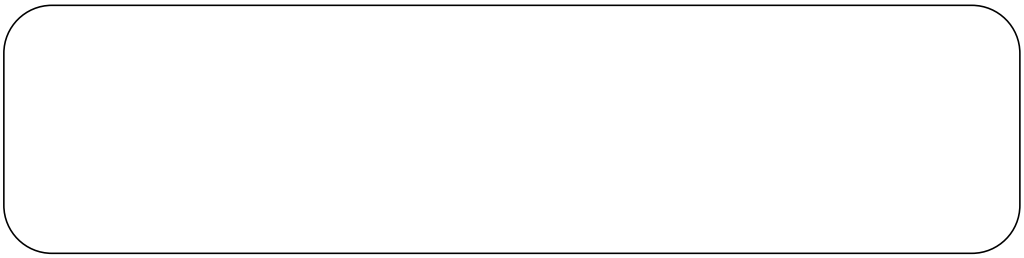
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

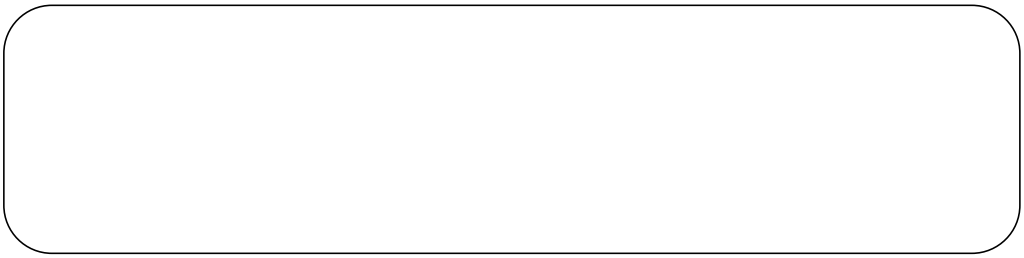
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

16: AMA/billing changes (AM)

16.1 Activity summary

N/A

16.2 AMA changes

N/A

16.3 Other changes

N/A

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

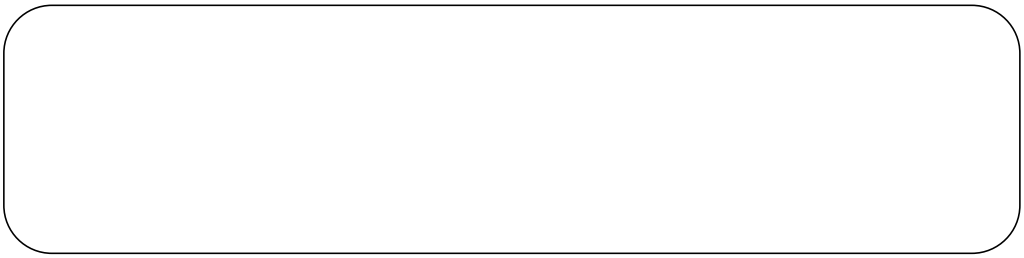
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

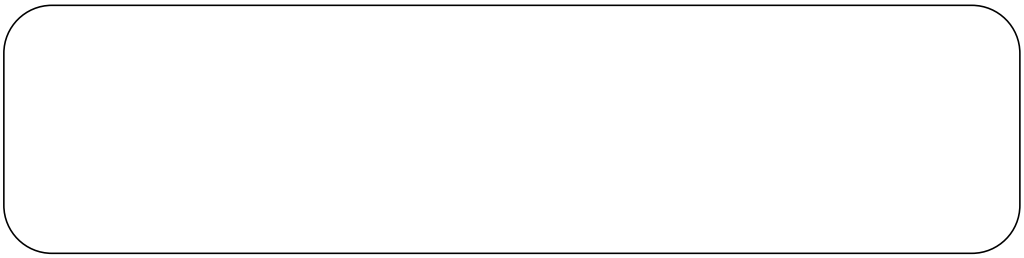
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

17: AMA/billing changes (AM)

Audience: Nortel marketing organizations, Nortel technical writers, other Nortel functional groups, and other design teams. This section as written, is included in release documents going to the CUSTOMER.

Purpose: This section is used to update The AMA Bulletin, AMA Reference Guide and the billing information provided in the Translations information modules for customer documentation.

Instructions: It must be reviewed and approved by the Customer Documentation prime for the DRU before design document completion. Do not include any designer level information. Avoid using customer names or acronyms.

Template instructions: Do not include this section in the DDOC if there are no AMA changes.

Help: If you need help using this template please contact the Customer Documentation prime for the appropriate DRU. The list of Customer Documentation DRU primes can be found at: http://47.202.17.6/cgi-bin/drumap.pl

For template information (including ownership, change history, FAQ, and help on how to access and use the template), refer to the DDOC home page at URL http://47.73.7.31:8080/DDOC/.

17.1 Activity summary

Provide a brief description of the activity regarding its effect on billing.

17.2 AMA changes

17.2.1 Structure codes

If this activity introduces one or more new structure codes, show the new structure code(s) here. If this activity changes one or more structure codes, list or briefly describe the changes here. The structure code changes should also be identified in the FN.

Do not describe the fields here. Describe only the new/changed fields.

If this activity makes no changes to structure codes, simply write “No changes” under this header.

17.2.2 Structure code nnn

Structure description.The following table provides information for structure code nnn.

Table 1 Structure code

Information	Field number
Structure code	nn
	nn

17.2.3 Module code

If this activity introduces one or more new module codes, show the new module code(s) here. If this activity changes one or more module codes, list or briefly describe the changes here.

The module code should also be described in the FN section. Do not describe the fields here. Describe only the new/changed fields in “Tables (fields)”.

If this activity makes no changes to module codes, simply write “No changes.” under this header.

17.2.4 Module code nnn

Module description.The following table provides information for module code nnn.

Table 2 Module code

Information	Field number	Number of characters
Module code	nn	nn
	nn	nn

17.2.5 Tables (fields)

Note: Although the LSSGR calls them “Tables” the NT documentation calls them “Fields” NT documentation uses fields to avoid confusion with text tables contained in the NT documents (that is, Table 293 vs Table 2.1). Someday Bellcore may require NT documents to use Table rather than Field.

If this activity introduces one or more new fields, describe the new field(s) here. Every field is associated with a structure code or a module code. In your field description for new fields, mention the structure code or module code that uses this field. If this activity changes one or more existing fields, briefly describe the changes here (for example, new value ranges, new values, and so forth.).

This information should also be summarized in the FN section.

This feature has the following fields:

- <Field nnn Field name>
- <Field nnn Field name >

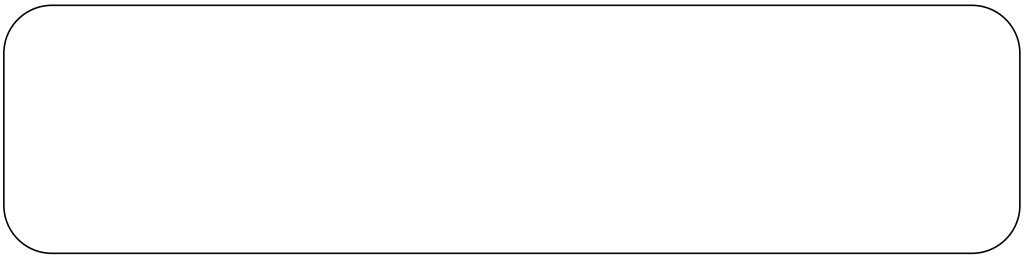
17.2.6 Field nnn

Field description. The following table provides information for field nnn.

Table 3 Field information

Character(s)	Value	Meaning
n	n-n	meaning
n		SIGN character (HEXC)

Figure 1 MAP example



The following MAP example figure is in non-printing text.

HEX ID:AA STRUCTURE CODE:40510C CALL CODE:142C SENSOR TYPE:036C SENSOR ID:0000000C REC OFFICE TYPE:036C REC OFFICE ID:0000000C DATE:30314C TIMING IND:00000C STUDY IND:0200000C CLD PTY OFFY HK:0C SERVICE OBSERVED:0C OPER ACTION:0C SERVICE FEATURE:000C SIG DIGITS NEXT FIELD:009C ORIG OPEN DIGITS 1:00036340302C ORIG OPEN DIGITS 2:FFFFFFFFFF ORIGINATING CHARGE INFO:015C DOMESTIC/INTL INDICATOR:1C SIG DIGITS NEXT FIELD:007C TERM OPEN DIGITS 1:00007025003C TERM OPEN DIGITS 2:FFFFFFFFFF CONNECT TIME:1800378C ELAPSED TIME:000000024C MODULE CODE:028C SIG DOGITS NEXT FIELD:009C ADDITIONAL DIGITS DIALED:000000008112102C MODULE CODE:031C FEATURE TYPE INDICATOR:0000000000330C MODULE CODE:121C NUMBER OF DESTINATIONS:2C CAUSE OF OVERFLOW:01111C TYPE OF ANNOUNCEMENT:1C MODULE COPDE:000C

17.3 Other changes

This section is optional. It is used only when the AMA/billing changes impacts data schema, UI, logs, OMs, or provisioning of DMS data store. Keep your description at a high level and in the context of AMA administration and/or maintenance. Refer reader to relevant and applicable changes documented in DS, OP, EI, LG, OM, AL and CI sections.

The following additional changes are related to the administration and maintenance of AMA in the DMS.

Part 2 of 2

THE END