

**QWEST Communications
International Inc.
Technical Publication**

**Mechanized Purchase Order
Acknowledgment Interpretation
of TCIF Guidelines**

NOTICE

This document contains the QWEST Communications International Inc. interpretation of the Telecommunications Industry Forum (TCIF) Guidelines for Issue One of the Mechanized Purchase Order Acknowledgment Transaction Set 855.

This interpretation specifies all requirements necessary for the PICS/DCPR (BVAPP) System to process the electronic data transmission of Transaction Set 855.

QWEST Communications International Inc. reserves the right, without prior notice, to revise this publication for any reason.

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DATA SEGMENT SEQUENCE

PURCHASE ORDER ACKNOWLEDGMENT TRANSACTION DETAIL AREA

1. **Data Segment Sequence - Purchase Order Acknowledgment Transaction Heading Area**

Segment Identifier	Title	Req. Designer	Max Use	Loop ID/ Repeat Counts	Explanatory Comments
ST	Transaction Set Header	M	1		
BAK	Beginning Segment (Purchase Order Acknowledgment)	M	1		
NTE	Note F		100		Can appear anywhere after the BAK Segment.
CUR	Currency	0	1		
TAX	Tax Reference	0	1		
N1	Name	0	1	N1/5	Loop N1 is optional, but if used segment N1 is mandatory.
N2	Additional Name	0	2		
N3	Street Address	0	2		
N4	City/State	0	1		
REF	Reference Numbers	0	12		
PER	Administrative Communications Contact	0	3		
@ CTP	Pricing/Discounting Information	-	-		
SSS	Special Services	0	25		
CSH	Header Sale Condition	0	1		Relates to IT8 in detail.
ITA	Allowance Charge	0	10		
ITD	Terms/Deferred Terms of Sale	0	2		
DTM	Date/Time Reference	0	10		
SHH	General Schedule	0	5		Relates to SCH in detail.
FOB	F.O.B. Related Instructions	0	1		
TD1	Carrier Details (Quantity and Weight)	0	2		
TD2	Carrier Details (Routing)	0	12		
TD3	Carrier Details (Equipment)	0	12		
TD4	Carrier Details (Special Handling/Hazardous Materials)	0	5		
MAN	Marks and Numbers	0	10		

@Segment not used by the Telecommunications Industry.

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DATA SEGMENT SEQUENCE
 PURCHASE ORDER ACKNOWLEDGMENT TRANSACTION DETAIL AREA

Segment Identifier	Title	Req. Designator	Max Use	Loop ID/ Repeat Counts	Explanatory Comments
PO1	Baseline Item Data	M	1	PO1/ 10,000	
@ CUR	Currency	-	-		
SLN	Subline Item Detail	0	100		
J2X	Item Description	0	1000		
P03	Additional Item Detail	0	25		
@ CTP	Pricing/Discounting Information	-	-		
@ P04	Item Physical Details	-	-		
@ PER	Administrative Communications Number	-	-		
SSS	Special Service	0	25		
ITA	Allowance or Charge	0	10		
IT8	Conditions of Sale	0	1		Relates to CSH in header
@ ITD	Terms/Deferred Terms of Sale	-	-		
TAX	Tax Reference	0	1		
N1	Name	0	1	N1/1	Loop N1 is optional, but if used, segment N1 is mandatory.
N2	Additional Name	0	2		
N3	Street Address	0	2		
N4	City/State	0	1		
REF	Reference Number	0	12		
PER	Administrative Communications Contact	0	3		
DTM	Date/Time Reference	0	10		
SCH	Line Item Schedule	0	104		Relates to SHH in header
FOB	F.O.B. Related Instructions	0	1		
TD1	Carrier Details (Quantity and Weight)	0	1		
TD2	Carrier Details (Routing)	0	12		
TD3	Carrier Details (Equipment)	0	12		
TD4	Carrier Details (Special Handling/Hazardous Materials)	0	5		
MAN	Marks and Numbers	0	10		
ACK	Line Item Acknowledgment/ Schedule	0	104		

@Segment not used by the Telecommunications Industry.

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DATA SEGMENT SEQUENCE
PURCHASE ORDER ACKNOWLEDGMENT TRANSACTION SUMMARY AREA

<u>Segment Identifier</u>	<u>Title</u>	<u>Req. Desig-</u>	<u>Max Use</u>	<u>Loop ID/ Repeat Counts</u>	<u>Explan- atory Comments</u>
CTT	Transaction Totals	M	1		The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the values of Quantity Ordered (PO102) for each PO1 segment.
SE	Transaction	M	1		

@Segment not used by the Telecommunications Industry.

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TERMS AND DEFINITIONS

2. Terms and Definitions

ISA	Interchange Control Header	Starts and electronic interchange
GS	Functional Group Header	Starts a group of related transaction sets
ST	Transaction Set Header	Starts a transaction set
..	Transaction Set segments	
..		
SE	Transaction Set Trailer	Ends a transaction set
ST	Transaction Set Header	Starts a transaction set
..	Transaction Set segments	
..		
SE	Transaction Set Trailer	Ends a transaction set
GE	Functional Group Trailer	Ends a group of related transaction sets
GS	Functional Group Header	Starts a group of related transaction sets
ST	Transaction Set Header	Starts a transaction set
..	Transaction Set segments	
..		
SE	Transaction Set Trailer	Ends a transaction set
ST	Transaction Set Header	Starts a transaction set
..	Transaction Set segments	
..		
SE	Transaction Set Trailer	Ends a transaction set
GE	Functional Group Trailer	Ends a group of related transaction sets
IEA	Interchange Control Trailer	Ends an electronic interchange

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PURCHASE ORDER CHANGE ACKNOWLEDGMENT CONTROL SEGMENTS

3. Purchase Order Change Acknowledgment Control Segments

3.1 ISA - Interchange Control Header

Purpose: To start and identify an interchange of one or more functional groups. ISA is an approved AMSI segment and will be published in the next release.

Spec: Mandatory Fixed Length = 106 Max Use = 1

Diagram:

ISA	*	ISA01 744 AUTHORIZ. INFORM. QUAL. M ID 02/02	*	ISA02 745 AUTHORIZ. INFORM. M AN 10/10	*	ISA03 746 SECURITY INFORM. QUAL. M ID 02/02	*	ISA04 747 SECURITY INFORMATION M AN 10/10	*
		ISA05 704 INTERCHANGE ID QUALIFIER M ID 02/02	*	ISA06 705 INTERCHANGE SENDER ID M AN 15/15	*	ISA07 704 INTERCHANGE ID QUALIFIER M ID 02/02	*	ISA08 706 INTERCHANGE RECEIVER ID M AN 15/15	*
		ISA09 373 INTERCHANGE SUBMIT DATE M DT 06/06	*	ISA10 337 INTERCHANGE SUBMIT TIME M TM 04/04	*	ISA11 726 INTERCHANGE STANDARDS IDENTIFIER M ID 01/01	*	ISA12 703 INTERCHANGE VERSION ID M ID 05/05	*
		ISA13 709 INTERCHANGE CONTROL NUMBER M NO 09/09	*	ISA14 749 ACKNOWLEDGE REQUESTED M ID 01/01	*	ISA15 748 TEST INDICATOR M ID 01/01	*	ISA16 701 SUBELEMENT SEPARATOR M AN 01/01	N L

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(Continued)

NOTE 1 Data Element Separator

The Data Element Separator is a special character used to separate data elements within a segment. The first occurrence of the Data Element Separator (the fourth character in the ISA header segment) defines the value of the Data Element Separator for the entire interchange. It must be used consistently in all segments between each ISA header and corresponding IEA trailer. It CANNOT be used as data within a data element. For the purpose of this document, an asterisk (*) will be used as the Data Element Separator.

NOTE 2 Data Segment Terminator

The Data Segment Terminator is a special character used to terminate every segment within an interchange. The first occurrence of the Data Segment Terminator (the special character immediately following the Subelement Separator ISA16) defines the value of the Data Segment Terminator for the entire interchange. It must be used consistently to end all data segments that are between each ISA header and corresponding IEA trailer. It CANNOT be used as data within a data element. For the purpose of this document, the New Line character (hexadecimal 15) is the special character used for the Segment Terminator.

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ISA01. Authorization Information Qualifier (Data Element #744)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This qualifier is used to designate the type of information contained in the Authorization Information (ISA02) data element. The only TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
-------------	-------------------

00 (zeros)	No authorization information is present.
------------	--

ISA02. Authorization Information (Data Element #745)

(Spec: Mandatory Type = AN Min/Max= 10/10)

The Authorization Information, in conjunction with the Authorization Information Qualifier (ISA01), supplies additional sender identification or additional sender authorization for the data contained in the message. The only TI-recognized value for this data element is 10 blanks.

ISA03. Security Information Qualifier (Data Element #746)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This qualifier is used to designate the type of information contained in the Security Information (ISA04) data element. The only TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
-------------	-------------------

00 (zeros)	No security information is present.
------------	-------------------------------------

ISA04. Security Information (Data Element #747)

(Spec: Mandatory Type = AN Min/Max= 10/10)

The Security Information, in conjunction with the Security Information Qualifier (ISA03), supplies security information for the sender of the message. The only TI-recognized value for this data element is 10 blanks.

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ISA05. Interchange I.D. Qualifier (Data Element #704)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This qualifier is used to designate the system and/or method of code structure used in the Interchange Sender I.D. (ISA06) following. The TI-recognized code, its definition, and authority is:

<u>CODE</u>	<u>DEFINITION</u>	<u>AUTHORITY</u>
01	DUNS Number	Dun and Bradstreet

A complete list of the TI-recognized codes can be found in Appendix A, Code list #66.

ISA06. Interchange Sender I.D. (Data Element #705)

(Spec: Mandatory Type = AN Min/Max= 15/15)

The Interchange Sender I.D., in conjunction with the Interchange I.D. Qualifier (ISA05), designates the sender of the message. This identifier is mutually agreed upon by both the sender and the receiver of the message in advance of transmission.

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(Continued)

ISA07. Interchange I.D. Qualifier (Data Element #704)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This qualifier is used to designate the system and/or method of code structure used in the Interchange Sender I.D. (ISA08) following. The TI-recognized code, its definition, and authority to be used is:

<u>CODE</u>	<u>DEFINITION</u>	<u>AUTHORITY</u>
22	Mutually defined	

ISA08. Interchange Receiver I.D. (Data Element #706)

(Spec: Mandatory Type = AN Min/Max = 15/15)

The Interchange Sender I.D., in conjunction with the Interchange I.D. Qualifier (ISA07), designates the receiver of the message. This identifier is mutually agreed upon by both the receiver and the sender of the message in advance of transmission.

ISA09. Interchange Submit Date (Data Element #373)

(Spec: Mandatory Type = DT Min/Max = 06/06)

This data element specifies the date, in YYMMDD format, that the sender created the message enclosed by the Interchange Control Header (ISA) and the Interchange Control Trailer (IEA). This date is local to the sender.

ISA10. Interchange Submit Time (Data Element #337)

(Spec: Mandatory Type = TM Min/Max = 04/04)

This data element specifies the time, in HHMM format, based on a 24-hour clock, that the sender created the message enclosed by the Interchange Control Header (ISA) and the Interchange Control Trailer (IEA). This time is local to the sender.

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ISA11. Interchange Standards Identifier (Data Element #726)

(Spec: Mandatory Type = ID Min/Max = 01/01)

This identifier is used to designate the organization responsible for the document standard used by the message that is enclosed by the Interchange Header (ISA) and the Interchange Trailer (IEA). For those messages developed within the TCIF guidelines, the value of the identifier will be 'U', (USA).

ISA12. Interchange Version I.D. (Data Element #703)

(Spec: Mandatory Type = ID Min/Max= 05/05)

The Interchange version designates specifically which document standard is used by the message that is enclosed by the Interchange Header (ISA) and the Interchange Trailer (IEA). Positions 1-3 of this data element specify the major version number, and positions 4-5 specify the release level of the version number.

The TI-recognized Interchange Version is:

00200

ISA13. Interchange Control Number (Data Element #709)

(Spec: Mandatory Type = NO Min/Max = 09/09)

The Interchange Control Number is generated by the sender of the interchange and is used by the sender to uniquely identify the interchange. In conjunction with the Interchange Sender I.D. (ISA06), it uniquely identifies the interchange to the receiver. The value of the Interchange Control Number must equal the value in the IEA02 element in the Interchange Control Trailer (IEA).

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ISA14. Acknowledge Requested (Data Element #749)

(Spec: Mandatory Type = ID Min/Max = 01/01)

The Acknowledge Requested data element is used to request a mechanized interchange acknowledgment. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
0	No acknowledgment requested
1	Interchange acknowledgment requested.

ISA15. Test Indicator (Data Element #748)

(Spec: Mandatory Type = ID Min/Max = 01/01)

The Test Indicator data element is used to identify whether the data enclosed in this interchange envelope is test data or production data. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
T	Test data
P	Production data

ISA16. Subelement Separator (Data Element #701)

(Spec: Mandatory Type = AN Min/Max = 01/01)

The Subelement Separator, currently reserved for future use, is a special character which will separate a data element into data element subgroups. For the interim, it is recommended that the Subelement Separator value contain the same character as the Data Element Separator.

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PURCHASE ORDER CHANGE ACKNOWLEDGMENT CONTROL SEGMENTS
 (Continued)

3.2 GS - Functional Group Header (Start)

Purpose: To start and identify a group of functionally related transaction sets (documents) and provide control and application identification information.

Spec: Mandatory Fixed Length = 70 Max Use = 1

Diagram:

GS	*	GS01 479 FUNCTIONAL ID M ID 02/02	*	GS02 142 APPLICATION SENDER'S CODE M ID 02/12	*	GS03 124 APPLICATION RECEIVER'S CODE M ID 02/12	*
		GS04 29 DATE INTERCHANGE DATE M DT 06/06	*	GS05 30 DATA INTERCHANGE TIME M TM 04/04	*	GS06 28 DATA INTERCHG CONTROL NO. M NO 01/09	*
		GS07 455 RESPONSIBLE AGENCY CODE M ID 01/02	*	GS08 480 VERSION M ID 01/12	N L		

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GS01. Functional I.D. (Data Element #479)

(Spec: Mandatory Type = ID Min/Max = 02/02)

The Functional I.D. identifies the group of transaction sets bounded by the Functional Group Header (GS)--i.e., "Group Start"--segment and the Functional Group Trailer (GE)--i.e., "Group End"--segment.

The only TI-recognized code for Purchase Order Acknowledgment is:

<u>CODE</u>	<u>DEFINITION</u>
PO	Purchase Order Related Transactions

A complete list of the TI-recognized codes can be found in Appendix A.

GS02. Application Sender's Code (Data Element #142)

(Spec: Mandatory Type = ID Min/Max = 02/12)

The Application Sender's Code designates the sender of the transaction set(s) bounded by the Group Start (GS) segment and the Group End (GE) segment. This code is the same as the first twelve characters (with trailing blanks suppressed) of the Interchange Sender I.D. (ISA06), Data Element #705, from the Interchange Control Header (ISA) segment.

GS03. Application Receiver's Code (Data Element #124)

(Spec: Mandatory Type = ID Min/Max = 02/12)

The Application Receiver's Code designates the receiver of the transaction set(s) bounded by the Group Start (GS) segment and the Group End (GE) segment. This code is the same as the first twelve characters (with trailing blanks suppressed) of the Interchange Receiver I.D. (ISA08), Data Element #706, from the Interchange Control Header (ISA) segment.

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- GS04. Data Interchange Date (Data Element #29)
(Spec: Mandatory Type = DT Min/Max = 06/06)
This data element specifies the date, in YYMMDD format, that the sender created the transaction set(s) bounded by the Group Start (GS) and Group End (GE) segments. This date is local to the sender.
- GS05. Data Interchange Time (Data Element #30)
(Spec: Mandatory Type = TM Min/Max = 04/04)
This data element specifies the time, in HHMM format, based on a 24-hour clock, that the sender created the transaction set(s) bounded by the Group Start (GS) and Group End (GE) segments. This time is local to the sender.
- GS06. Data Interchange Control Number (Data Element #28)
(Spec: Mandatory Type = NO Min/Max = 01/09)
This control number is generated by the sender of the transaction set(s) bounded by the Group Start (GS) and Group End (GE) segments. The value in this element must equal the GE02 element in the Group End (GE) segment. Within a specific interchange bounded by an Interchange Control Header (ISA) segment and Interchange Control Trailer (IEA) segment, the Data Interchange Control Number must be unique.
- GS07. Responsible Agency Code (Data Element #455)
(Spec: Mandatory Type = ID Min/Max= 01/02)
This code is used in conjunction with the Version (GS08) to identify the issuer of the overall standard followed in preparing the transaction set(s) included in the current functional group. For transaction sets generated using this guideline, the value of this element will be "X".

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GS08. Version (Data Element #480)

(Spec: Mandatory Type = ID Min/Max = 01/12)

The Version is used in conjunction with the Responsible Agency Code (GS07) to specify the exact version of the overall standard used to prepare the transaction set(s) included in the current functional group. All transaction sets within the functional group must have the same version. The make-up of this data element is as follows:

<u>POSITIONS</u>	<u>DESCRIPTION</u>
01-03	Major Version Number
04-06	Release Level of Version
07-12	Industry or Trade Association Identifier

The TI-recognized Version is:

002000T10100

The Version number shown above indicates (1) "Standards Approved by ANSI in February 1986" (positions 1-6); (2) as interpreted by the TCIF (positions 7-8); (3) the current Issue (positions 9-10); and (4) the current release (positions 11-12).

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PURCHASE ORDER CHANGE ACKNOWLEDGMENT CONTROL SEGMENTS
(Continued)

3.3 GE - Functional Group Trailer (End)

Purpose: To define (specify) the end of a functional group of related transaction sets.

Spec: Mandatory Max Length = 20 Max Use = 1

Diagram:

GE	*	GE01 97 NUMBER OF INCLUDE. TRANS. SETS M NO 01/06	*	GE02 28 DATA INTERCHG CONTROL NO. M NO 01/09	N L
----	---	---	---	---	--------

GE01. Number of Included Transaction Sets (Data Element #97)

(Spec: Mandatory Type = NO Min/Max = 01/09)

This number represents the total number of transaction sets (as defined by ST and SE segment pairs) that are included between the Group Start (GS) segment and the Group End (GE) segment.

GE02. Data Interchange Control Number (Data Element #28)

(Spec: Mandatory Type = NO Min/Max = 01/09)

This control number is generated by the sender of the transaction set(s) bounded by the Group Start (GS) and Group End (GE) segments. The Data Interchange Control Number used in the Group End (GE) segment must match exactly the Data Interchange Control Number (GS06) in the Functional Group Header (GS) segment. (Identical Data Interchange Control Numbers (GS06 and GE02) in the associated Functional Group Header segment (GS) and Functional Group Trailer segment (GE) is designed to maximize functional group integrity.)

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3.4 IEA - Interchange Control Trailer

Purpose: To define the end of an interchange of one or more functional groups, and interchange related control segments. IEA is an approved ANSI segment and will be published in the next release.

Spec: Mandatory Max Length = 20 Max Use = 1

Diagram:

IEA	*	IEA01 NUMBER OF INCLUDED GROUPS	405 * M NO 01/05	IEA02 INTERCHANGE CONTROL NUMBER	709 * M NO 09/09	N L
-----	---	--	------------------------	---	------------------------	--------

IEA01. Number of Included Functional Groups (Data Element #405)

(Spec: Mandatory Type = NO Min/Max = 01/05)

The Number of Included Functional Groups is the total of all functional groups included in the interchange.

IEA02. Interchange Control Number (Data Element #709)

(Spec: Mandatory Type = NO Min/Max = 09/09)

This Interchange Control Number is generated by the sender of the interchange and is used to uniquely identify the interchange to the sender. In conjunction with the Interchange Sender I.D. (ISA06) in the Interchange Control Header (ISA) segment, it uniquely identifies the interchange to the receiver. The Interchange Control Number used in the Interchange Control Trailer (IEA) must match exactly the Interchange Control Number (ISA13) used in the Interchange Control Header segment.

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS

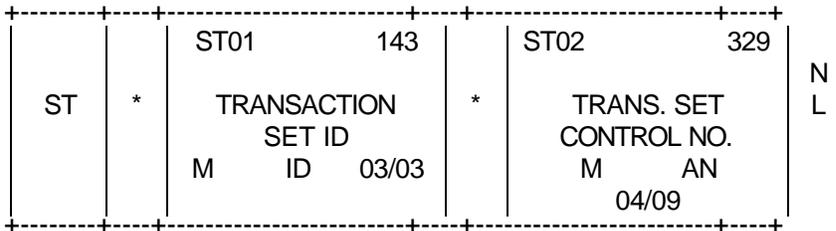
4. Purchase Order Acknowledgment Header Segments

4.1 ST - Transaction Set Header

Purpose: Identifies the start of a Purchase Order Acknowledgment set.

Spec: Mandatory Max Length = 17 Max Use = 1

Diagram:



ST01. Transaction Set I.D. (Data Element #143)

(Spec: Mandatory Type = ID Min/Max = 03/03)

This data element identifies the type of transaction set that is to follow. '855' will be used to indicate that this is a purchase order acknowledgment transaction set. The Functional ID (GS01) in the GS segment must be "PO".

ST02. Transaction Set Control Number (Data Element #329)

(Spec: Mandatory Type = AN Min/Max - 04/09)

This data element is the identifying control number assigned by the originator of the transaction set. The value of this element must equal the same data element in the Transaction Set Trailer (SE02).

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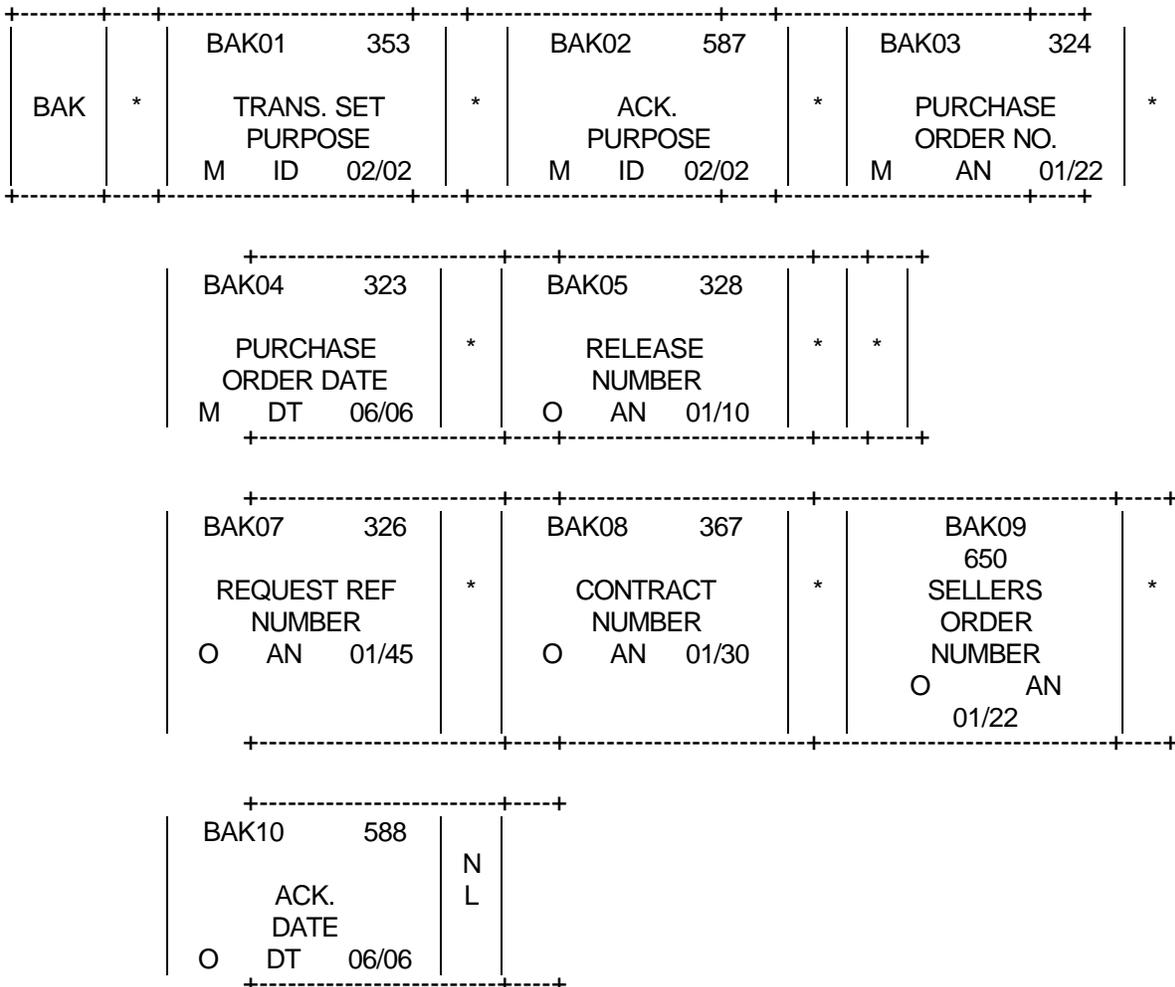
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.2 BAK - Beginning Segment (Purchase Order Acknowledgment)

Purpose: Indicates the beginning of the purchase order acknowledgment transaction set and transmit identifying numbers and dates.

Spec: Mandatory Max Length = 187 Max Use = 1

Diagram:



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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

BAK01. Transaction Set Purpose (Data Element #353)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element contains a code that identifies the purpose of the transaction set being transmitted. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
00	Original purchase order
06	Confirmation purchase order

PICS/DCPR (BVAPP) REQUIRES '00' ORIGINAL PURCHASE ORDER (BVAPP NUMBER).

BAK02. Acknowledgment Purpose (Data Element #587)

(Spec: Mandatory Type = ID Min/Max 02/02)

This data element contains a code that specifies the type of purchase order acknowledgment being transmitted. The only TI-recognized codes for this transaction in PICS/DCPR (BVAPP) is:

<u>CODE</u>	<u>DEFINITION</u>
AC	Acknowledge - With Detail and Change

BAK03. Purchase Order Number (Data Element #324)

(Spec: Mandatory Type = AN Min/Max 01/22)

This data element contains the purchase order number that was assigned by the originator.

NOTE: PICS/DCPR (BVAPP) REQUIRES 10 CHARACTERS.

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- BAK04. Purchase Order Date (Data Element #323)
(Spec: Mandatory Type = DT Min/Max = 06/06)
The date the purchase order was generated by the originator. YYMMDD IS THE REQUIRED FORMAT.
- BAK05. Release Number (Data Element #328)
(Spec: Optional Type = AN Min/Max = 01/10)
Identifies a release against a standard or blanket purchase order previously agreed to by the trading partners. Note that the maximum length of this data element is less than ANSI. TO BE POPULATED WITH MOA SERIAL NUMBER (MAXIMUM LENGTH OF 03).
- BAK06. Change Order Sequence Number (Data Element #327)
NOT USED BY TI.
- BAK07. Request Reference Number (Data Element #326)
(Spec: Optional Type = AN Min/Max = 01/45)
This data element contains a reference number identifying a particular transaction set. DATA ELEMENT TO BE POPULATED WITH AUTHORITY NUMBER FOR PICS/DCPR (BVAPP).
- BAK08. Contract Number (Data Element #367)
(Spec: Optional Type = AN Min/Max = 01/30)
This data element contains the contract number that specifies the purchasing agreement between the trading partners.

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

- BAK09. Seller's Order Number (Data Element #650)
(Spec: Optional Type = AN Min/Max = 01/22)
This data element contains the number assigned to an order by the seller.
DATA ELEMENT TO BE POPULATED WITH VENDOR ORDER NUMBER
(MAXIMUM LENGTH OF 08).
- BAK10. Acknowledgment Date (Data Element #588)
(Spec: Optional Type = DT Min/Max = 06/06)
This data element contains the date assigned by the sender to the
acknowledgment.

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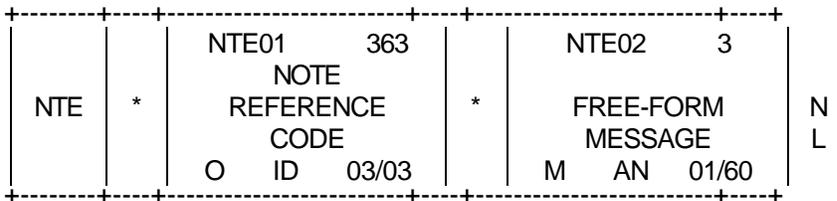
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.3 NTE - Note

Purpose: Provide information in a free-form format to meet purposes deemed necessary by and negotiated between trading partners. See Note 1.

Spec: Optional Max Length = 69 Max Use = 100

Diagram:



NTE01. Note Reference Code (Data Element #363)

(Spec: Optional Type = ID Min/Max = 03/03)

This data element defines the type of note or message. The TI-recognized codes can be found in Appendix A.

NTE02. Free-Form Message (Data Element #3)

(Spec: Mandatory Type = AN Min/Max = 01/60)

This data element is the free-form note.

NOTE: 1. This is an optional segment that permits free-form information/data which, under the ANSI X12 standard implementations, is not machine processable. The use of the 'NTE' Segment should therefore be avoided, if at all possible, in an automated environment.

This segment may appear anywhere within the transaction set after the Beginning Segment (BAK) and before the Transaction Set Trailer (SE). It may be used in all loops, except as the first segment in that loop.

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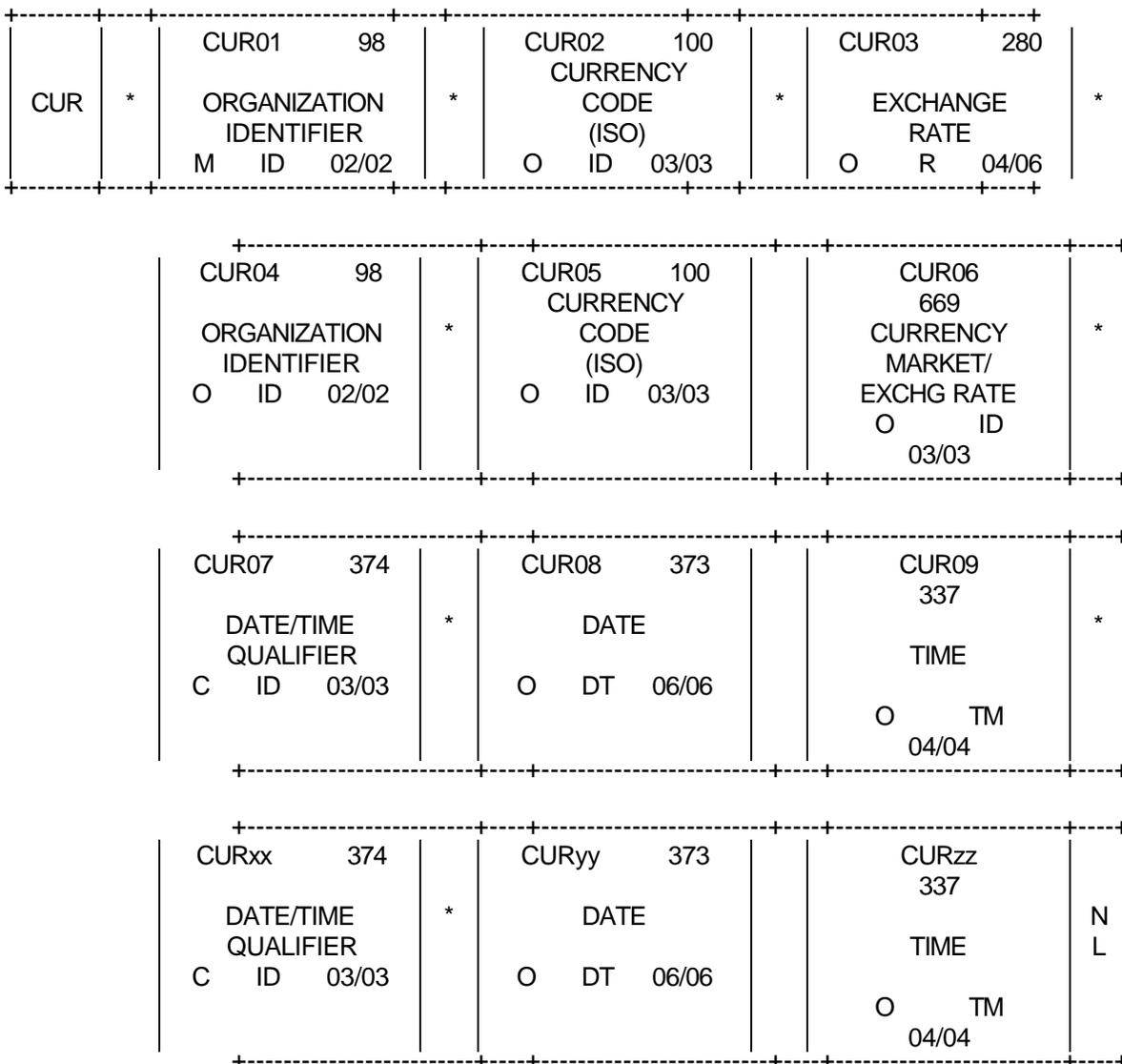
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.4 CUR- Currency

Purpose: To specify the currency (Dollars, Pounds, Francs, etc.) used in a transaction.
 See Note 1.

Spec: Optional Max Length = 109 Max Use = 1

Diagram:



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- CUR01. Organization Identifier (Data Element #98)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This data element contains a code that identifies the party using the currency defined in CUR02. The TI-recognized codes can be found in Appendix A.
- CUR02. Currency Code (ISO) (Data Element #100)
(Spec: Mandatory Type = ID Min/Max = 03/03)
This data element is a three-position code contained in the document Codes for Representation of Currencies and Funds (ISO 4217). This document can be obtained from:

American National Standards Institute, Inc.
1430 Broadway New York, NY
10018
- CUR03. Exchange Rate (Data Element #280)
(Spec: Optional Type = R Min/Max = 04/06)
This data element contains the value to be used as a multiplier conversion factor to convert one currency to another.
- CUR04. Organization Identifier (Data Element #98)
(Spec: Optional Type = ID Min/Max = 02/02)
This data element contains a code that identifies the party using the currency defined in CUR05. The TI-recognized codes can be found in Appendix A.

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CUR05. Currency Code (ISO) (Data Element #100)

(Spec: Optional Type = ID Min/Max = 03/03)

This data element is a three-position code contained in the document Codes for Representation of Currencies and Funds (ISO 4217). This document can be obtained from:

American National Standards Institute, Inc.
1430 Broadway
New York, NY 10018

CUR06. Currency Market/Exchange Code (Data Element #669)

(Spec: Optional Type = ID Min/Max = 03/03)

This data element contains a code identifying the market upon which the currency exchange rate is based. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
IMF	International Monetary Fund
LNF	London (England) Exchange - First Closing
LNS	London (England) Exchange - Second Closing
NYC	New York Foreign Exchange
PHI	Philadelphia Foreign Exchange
ZUR	Zurich (Switzerland) Exchange

A complete list of the TI-recognized codes can be found in Appendix A.

CUR07. Date/Time Qualifier (Data Element #374)

(Spec: Conditional Type = ID Min/Max = 03/03)

This data element contains a code that specifies the type of date or time. See Notes 2 and 3. The TI-recognized codes can be found in Appendix A.

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CUR08. Date (Data Element #373)

(Spec: Optional Type = DT Min/Max = 06/06)

This data element is the date associated with the Date/Time Qualifier (CUR07). See Notes 2 and 3.

CUR09. Time (Data Element #337)

(Spec: Optional Type = TM Min/Max = 04/04)

This data element is the time associated with the Date/Time Qualifier (CUR07). See Notes 2 and 3.

NOTES:

1. Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional 'CUR' Segment is used to specify a different currency. The 'CUR' Segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion.
2. If CUR08 or CUR09 is used CUR07 is required.
3. The Date/Time Qualifier (CUR07)/Date (CUR08)/Time (CUR09) combination can occur a total of five times. All notes applicable to CUR07, CUR08, and CUR09 apply.

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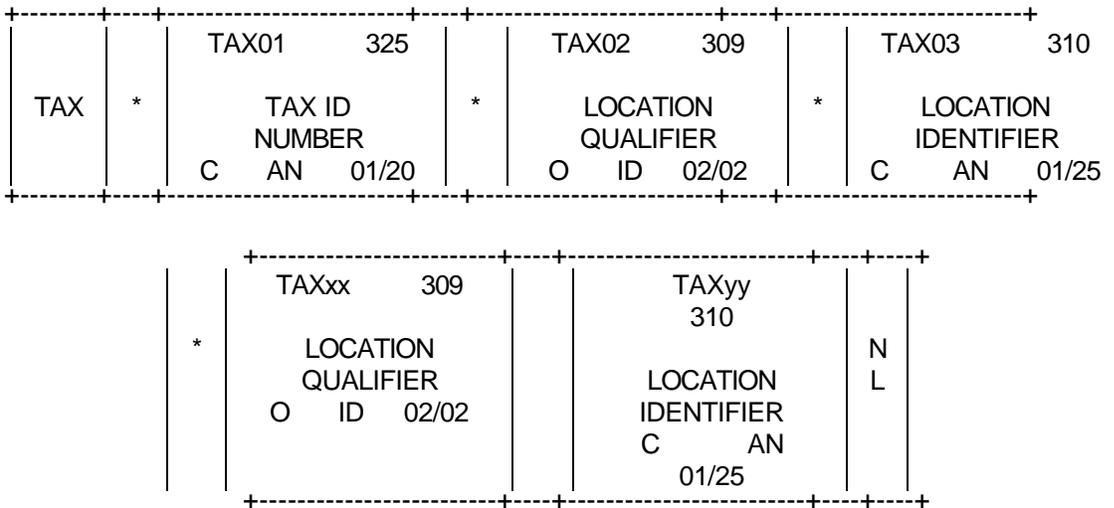
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.5 TAX - Tax Reference

Purpose: To provide data required for proper notification/determination of applicable sales and related taxes applying to the transaction set.

Spec: Optional Max Length = 170 Max Use = 1

Diagram:



TAX01. Tax I.D. Number (Data Element #325)

(Spec: Conditional Type = AN Min/Max = 01/20)

This data element contains the number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.). The number is also called a tax exemption number or certificate number. See Note 1.

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TAX02. Location Qualifier (Data Element #309)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element defines the type of location identifier specified in TAX03. See Notes 1, 2, and 3. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
AC	City and State
CC	Country
CI	City
CO	County/Parish and State
CY	County/Parish
NS	City/State from Points
SC	City/State and Points Within
SP	State/Province
TN	Township
TX	Taxing District

A complete list of the TI-recognized codes can be found in Appendix A.

TAX03. Location Identifier (Data Element #310)

(Spec: Conditional Type = AN Min/Max = 01/25)

This data element identifies a specific geographic location specified by the Location Qualifier (TAX02). See Notes 2 and 3.

NOTES:

1. Either TAX01 or TAX02 is required. TAX01 is required if tax exemption is claimed.
2. If TAX02 is used TAX03 is required.
3. The Location Qualifier (TAX02)/Location identifier (TAX03) combination can occur a total of five times. All note applicable to TAX02 and TAX03 apply.

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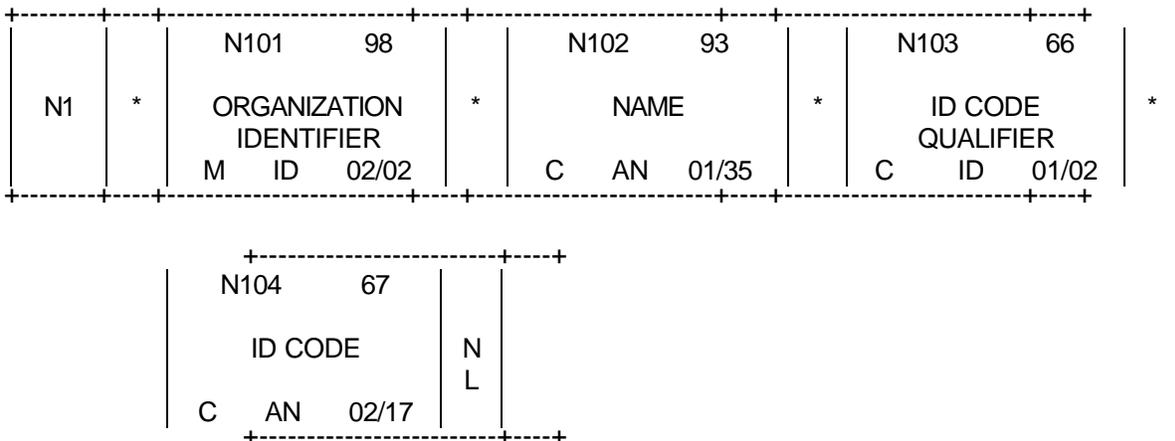
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.6 N1 - Name

Purpose: To identify a party by the type of organization, name and code. If the Name (N102) is used in this segment, the N3 and N4 segments are required.

Spec: Optional Max Length = 63 Max Use = 1 N1 Loopstart Max Loops = 5
THIS SEGMENT TO BE PROVIDED ONCE FOR BUYER AND SELLER.

Diagram:



N101. Organization Identifier (Data Element #98)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element defines the organization specified in the Name data element (N102). The preferred TCIF-recognized codes accepted by PICS/DCPR (BVAPP) for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
BY	Buyer
SE	Seller

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N102. Name (Data Element #93)

(Spec: Conditional Type = AN Min/Max = 01/35)

This data element contains the name of the party referenced by the Organization Identifier (N101). See Note 1.

N103. I.D. Code Qualifier (Data Element #66)

(Spec: Conditional Type = ID Min/Max = 01/02)

This data element identifies the type code found in the I.D. Code data element (N104). See Note 1. The TI-recognized codes can be found in Appendix A.

N104. I.D. Code (Data Element #67)

(Spec: Conditional Type = AN Min/Max = 02/17)

This data element contains the mutually agreed upon code identifying the organization specified in the I.D. Code Qualifier (N103). See Note 1.

NOTE: 1. Either N102 or N103 and N104 is required.

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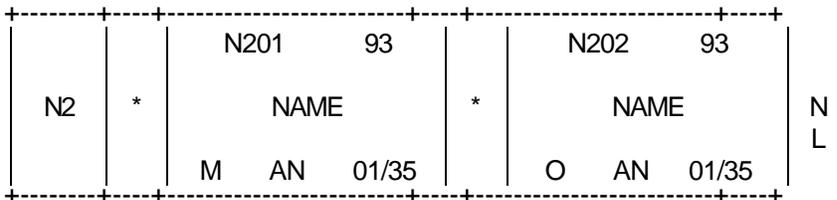
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.7 N2 - Additional Name Information

Purpose: To specify additional names or those longer than 35 characters in length.

Spec: Optional Max Length = 75 Max Use = 2 Within the N1 loop

Diagram:



N201. Name (Data Element #93)

(Spec: Mandatory Type = AN Min/Max = 01/35)

This data element contains the continuation of the Name data element (N102).

N202. Name (Data Element #93)

(Spec: Optional Type = AN Min/Max = 01/35)

This data element contains the continuation of the Name data elements (N102 and N201).

NOTE: THIS ELEMENT IS NOT RECOGNIZED BY PICS/DCPR (BVAPP).

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

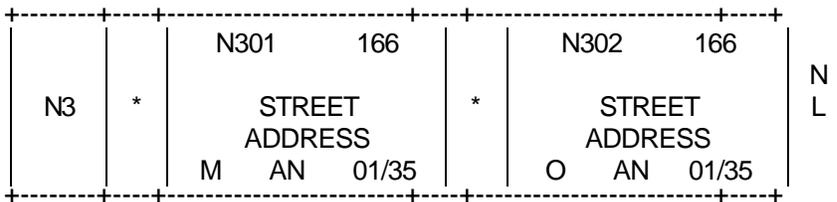
4.8 N3 - Street Address

Purpose: To specify the street, building, or other address information.

This segment is required if the Name (N102) was specified in the N1 Segment.

Spec: Optional Max Length = 75 Max Use = 2 Within N1 loop

Diagram:



N301. Street Address (Data Element #166)

(Spec: Mandatory Type = AN Min/Max = 01/35)

This data element is used to give the street address information.

N302. Street Address (Data Element #166)

(Spec: Optional Type = AN Min/Max = 01/35)

This data element is used to give additional street address information.

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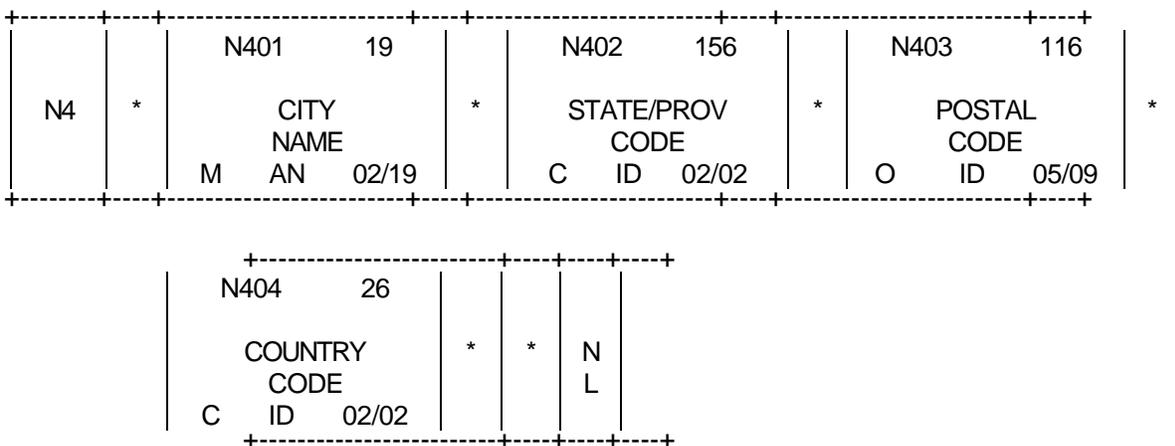
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.9 N4 - City/State

Purpose: To specify the geographic location of the named party. This segment is required if the Name (N102) was specified in the N1 Segment.

Spec: Optional Max Length = 68 Max Use = 1 Within N1 loop

Diagram:



N401. City Name (Data Element #19)

(Spec: Mandatory Type = AN Min/Max = 02/19)

This data element specifies the city of the named party. See Note 1.

N402. State/Province Code (Data Element #156)

(Spec: Conditional Type = ID Min/Max = 02/02)

This data element is a two-position abbreviation as contained in the document FIPS-PUB-5-1. See Note 1. The document is available from:

National Technical Information Service
Springfield, Virginia 22161

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- N403. Postal Code (Data Element #116)
(Spec: Optional Type = ID Min/Max = 05/09)
This data element identifies the postal zone code excluding punctuation or blanks. For the United States this is the ZIP Code.
- N404. Country Code (Data Element #26)
(Spec: Optional Type = ID Min/Max = 02/02)
This data element is a two-position code contained in document Codes for Representation of Names of Countries (ISO 3166-1974(E)). The international standard provides a two-letter alphabetic code for representing the names of countries, dependencies, and other areas of special geopolitical interest for purposes of international exchange and general directions for the maintenance of the code. The standard is intended for use in any application requiring expression of entities in coded form. The document is available from:
American National Standards Institute, Inc.
1430 Broadway
New York, New York 10018
- N405. Location Qualifier (Data Element #309)
NOT USED BY TI.
- N406. Location Identifier (Data Element #310)
NOT USED BY TI.

NOTE: 1. N402 is required only if City Name (N401) is in the USA or Canada.

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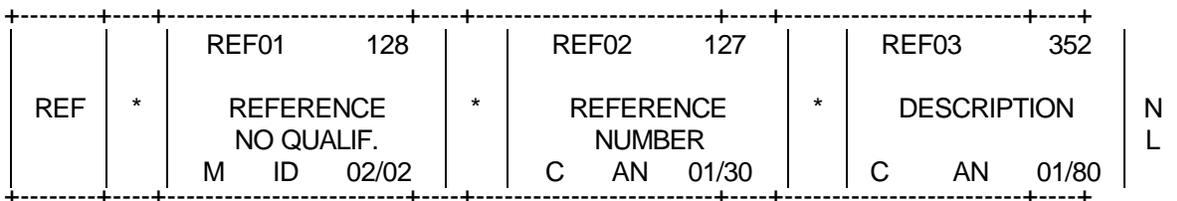
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.10 REF - Reference Numbers

Purpose: To transmit identifying numbers associated with the named party.

Spec: Optional Max Length = 119 Max Use = 12 Within N1 loop

Diagram:



REF01. Reference Number Qualifier (Data Element #128)

(Spec: Mandatory Type = ID Min/Max= 02/02)

This data element identifies the type of reference number contained in the Reference Number data element (REF02) or the description in the Description data element (REF03).

NOTE: THE ONLY VALID CODES ARE: ZZ
CR CUSTOMER REFERENCE
NO.

REF02. Reference Number (Data Element #127)

(Spec: Conditional Type = AN Min/Max = 01/30)

This data element is the reference number or identification code as defined for a particular transaction set. See Note 1.

NOTE: THIS DATA ELEMENT IS TO BE POPULATED WITH THE
GEOGRAPHIC LOCATION CODE (ACCOUNT LOCATION).
MAXIMUM LENGTH IS 7 CHARACTERS.

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REF03. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element contains a free-form description to clarify the related data elements and their content. See Note 1.

NOTE: 1. Either REF02 or REF03 is required.

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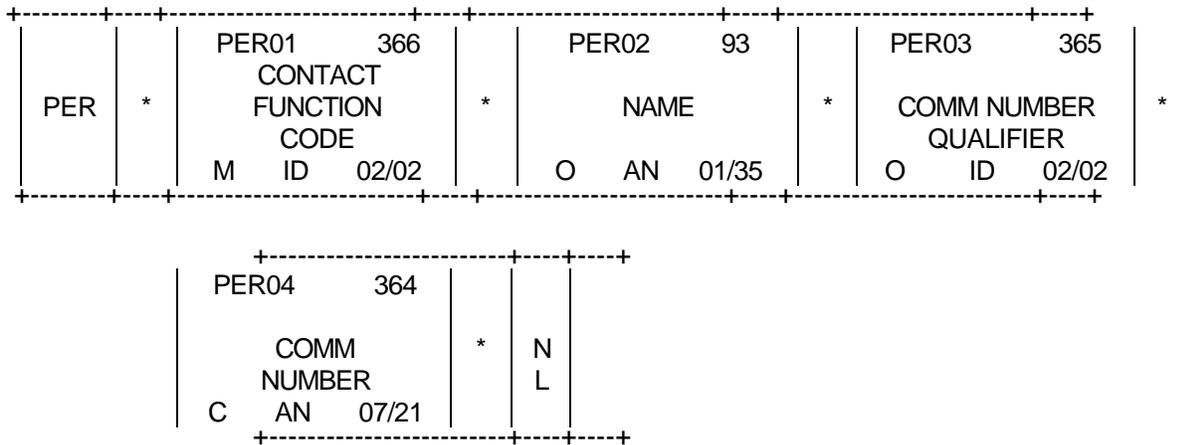
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.11 PER - Administrative Communications Contact

Purpose: To identify a person or office to whom administrative communications should be directed.

Spec: Optional Max Length = 114 Max Use = 3 N1 loop end, if used

Diagram:



PER01. Contact Function Code (Data Element #366)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element contains a code identifying the major duty or responsibility of the person or group named. The TI-recognized codes can be found in Appendix A.

PER02. Name (Data Element #93)

(Spec: Optional Type = AN Min/Max = 01/35)

This data element is the free-form name of the person, official title, or related information.

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PER03. Communications Number Qualifier (Data Element #365)

(Spec: Optional Type = ID Min/Max= 02/02)

This data element identifies the type of Communications Number (PER04).
See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

A complete list of the TI-recognized codes can be found in Appendix A.

PER04. Communication Number (Data Element #364)

(Spec: Conditional Type = AN Min/Max = 07/21)

This data element is the complete communication number including the country
or area code when applicable. See Note 1.

PER05. Request Reference Number (Data Element #326)

NOT USED BY TI.

NOTE: 1. If PER03 is used PER04 is required.

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SSS01. Allowance or Charge Indicator (Data Element #248)

(Spec: Mandatory Type = ID Min/Max= 01/01)

The Allowance or Charge Indicator is a one-position indicator specifying whether the allowance or charge data segment is an allowance or charge against the purchase order. The preferred TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
N	No Allowance or Charge

A complete list of the TI-recognized codes can be found in Appendix A.

SSS02. Agency Qualifier Code (Data Element #559)

(Spec: Mandatory Type = ID Min/Max = 02/02)

The Agency Qualifier Code is a code identifying the agency assigning the codes used in SSS03. The only valid code is 'TI' (Telecommunications Industry).

SSS03. Special Services Code (Data Element #560)

(Spec: Mandatory Type = ID Min/Max = 02/10)

The Special Services Code specifies the type of service. The TI-recognized codes can be found in Appendix A.

SSS04. Services Marks and Numbers (Data Element #561)

NOT USED BY TI.

SSS05. Allowance or Charge Rate Per Unit (Data Element #359)

NOT USED BY TI.

SSS06. Allowance or Charge Total Amount (Data Element #360)

NOT USED BY TI.

SSS07. Description (Data Element #352)

(Spec: Optional Type = AN Min/Max = 01/80)

This data element is a free-form description to clarify the related data elements and their content.

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.13 CSH - Header Sale Condition

Purpose: This segment is used to specify general conditions or requirements of the sale.

Spec: Optional Max Length = 70 Max Use = 1

Diagram:

CSH	*	CSH01	563	*	CSH02	564	*	CSH03	565	*
		BACK-ORDER			DO-NOT-EXCEED			DO-NOT-EXCEED		
		CODE			ACTION CODE			AMOUNT		
		O ID 01/01			O ID 01/01			C N2 02/09		

CSH04	595	*	CSH05	596	*	*	N
SENDER'S			REQUIRED				L
ACCOUNT			INVOICE DATE				
NUMBER			O DT 06/06				
@ AN 02/30							

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CSH01. Back-Order Code (Data Element #563)

(Spec: Optional Type = ID Min/Max = 01/01)

This code identifies the back-order agreement. This data element can be overridden by the Back-Order Code (IT801). The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
B	Back Order Only if New Item
N	No Back Order
Y	Back Order if Out of Stock

A complete list of the TI-recognized codes can be found in Appendix A.

CSH02. Do-Not-Exceed Action Code (Data Element #564)

(Spec: Optional Type = ID Min/Max = 01/01)

This data element contains a code that indicates the action to be taken if the total value of all the Line Items (PO102) exceeds the value of the Do-Not-Exceed Amount data element (CSH03). See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
0	Cancel Balance of Order that Exceeds Value specified in the Do-Not-Exceed Amount data element
1	Cancel Entire Order

A complete list of the TI-recognized codes can be found in Appendix A.

CSH03. Do-Not-Exceed Amount (Data Element #565)

(Spec: Conditional Type = N2 Min/Max = 02/09)

This data element contains the maximum monetary value which the order must not exceed. See Note 1.

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

CSH04. Sender's Account Number (Data Element #595)
NOT USED BY TI.

CSH05. Required Invoice Data (Data Element #596)
(Spec: Optional Type = DT Min/Max = 06/06)
This data element is the date specified by the sender to be shown on the invoice.

CSH06. Agency Qualifier Code (Data Element #559)
NOT USED BY TI.

CSH07. Special Services Code (Data Element #560)
NOT USED BY TI.

NOTE: 1. If CSH02 is used CSH03 is required.

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PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.14 ITA - Allowance or Charge

Purpose: To specify allowances or charges related to the entire purchase order.

Spec: Optional Max Length = 175 Max Use = 10

Diagram:

ITA	*	ITA01 248 ALLOWANCE OR CHARGE INDICATOR M ID 01/01	*	ITA02 559 AGENCY QUALIFIER CODE O ID 02/02	*	ITA03 560 SPECIAL SERVICES CODE C ID 02/10	*
		ITA04 331 ALLOW OR CHGE METHOD OF HANDLING M ID 02/02	*	ITA05 341 ALLOWANCE OR CHARGE NUMBER @ AN 01/16	*	ITA06 359 ALLOW OR CHGE RATE PER UNIT @ R 01/09	*
		ITA07 360 ALLOW OR CHGE TOTAL AMOUNT C N2 01/09	*	ITA08 378 ALLOW OR CHGE % QUALIFIER O ID 01/01	*	ITA09 332 ALLOW OR CHARGE PERCENT C R 01/06	*
		ITA10 339 ALLOWANCE OR CHARGE QUANTITY @ R 01/10	*	ITA11 355 UNIT OF MEASURE CODE @ ID 02/02	*	ITA12 379 FREE GOODS QUANTITY @ R 01/10	*
		ITA13 352 DESCRIPTION C AN 01/80	N L				

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ITA01. Allowance or Charge Indicator (Data Element #248)

(Spec: Mandatory Type = ID Min/Max = 01/01)

The Allowance or Charge Indicator is a one-position indicator specifying whether the allowance or charge data segment is an allowance or charge against the entire purchase order. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
A	Allowance
C	Charge

A complete list of the TI-recognized codes can be found in Appendix A.

ITA02. Agency Qualifier Code (Data Element #559)

(Spec: Optional Type = ID Min/Max = 02/02)

The Agency Qualifier Code is a code identifying the agency assigning the codes used in ITA03. See Note 1. The only TI-recognized code is 'TI' (Telecommunications Industry).

ITA03. Special Services Code (Data Element #560)

(Spec: Conditional Type = ID Min/Max = 02/10)

The Special Services Code specifies the type of service. See Note 1. The TI-recognized codes can be found in Appendix A.

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- ITA04. Allowance or Charge Method of Handling (Data Element #331)
(Spec: Mandatory Type = ID Min/Max = 02/02)
Allowance or Charge Method of Handling specifies how the allowance or charge on the purchase order acknowledgment should be handled. The preferred TI-recognized codes for this transaction are:
- | <u>CODE</u> | <u>DEFINITION</u> |
|-------------|-------------------------------|
| 04 | Credit Customer Account |
| 06 | Charge to be Paid by Customer |
- A complete list of the TI-recognized codes can be found in Appendix A.
- ITA05. Allowance or Charge Number (Data Element #341)
NOT USED BY TI.
- ITA06. Allowance or Charge Rate Per Unit (Data Element #359)
NOT USED BY TI.
- ITA07. Allowance or Charge Total Amount (Data Element #360)
(Spec: Conditional Type = N2 Min/Max = 01/09)
Allowance or Charge Total Amount is the dollar total of the allowance or charge for the entire purchase order. See Note 2.

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ITA08. Allowance or Charge Percent Qualifier (Data Element #378)

(Spec: Optional Type = ID Min/Max = 01/01)

Allowance or Charge Percent Qualifier is a code indicating on what basis the Allowance or Charge Percent (ITA09) is calculated. See Notes 2 and 3. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
1	Item List Cost
2	Item Net Cost

A complete list of the TI-recognized codes can be found in Appendix A.

ITA09. Allowance or Charge Percent (Data Element #332)

(Spec: Conditional Type = R Min/Max = 01/06)

Allowance or Charge Percent is the allowance or charge expressed as a percent for the purchase order based on the Allowance or Charge Percent Qualifier (ITA08). See Note 3.

ITA10. Allowance or Charge Quantity (Data Element #339)

NOT USED BY TI.

ITA11. Unit of Measure Code (Data Element #355)

NOT USED BY TI.

ITA12. Free Goods Quantity (Data Element #379)

NOT USED BY TI.

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ITA13. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element consists of a free-form description of the Allowance or Charge of a special service to be performed for the entire purchase order.

NOTES:

1. If ITA02 is used either ITA03 or ITA13 is required.
2. Either ITA07 or ITA08 is required.
3. If ITA08 is used ITA09 is required.

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4.15 ITD - Terms of Sale/Deferred Terms of Sale

Purpose: To specify terms of sale.

Spec: Optional Max Length = 155 Max Use = 2

Diagram:

ITD	*	ITD01	336	*	ITD02	333	*	ITD03	338	*
		TERMS TYPE			TERMS BASIS			TERMS		
		CODE			CODE			DISCOUNT		
		M ID 02/02			M ID 01/02			PERCENT		
								C R 01/06		
		ITD04	370	*	ITD05	351	*	ITD06	446	*
		TERMS DISC.			TERMS DISC.			TERMS NET		
		DUE DATE			DAYS DUE			DUE DATE		
		C DT 06/06			C NO 01/03			C DT		
								06/06		
		ITD07	386	*	ITD08	362	*	*	*	*
		TERMS NET			TERMS DISC.					N
		DAYS			AMOUNT					L
		C NO 01/03			C N2 01/10					

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ITD01. Terms Type Code (Data Element #336)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element specifies the valid types of payment terms. See Note 3. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
01	Basic
02	EOM
03	Fixed Date
05	Discount Not Applicable
06	Mixed
07	Extended
08	Basic - Discount Offered
09	Proximo
10	Instant

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

ITD02. Terms Basis Date Code (Data Element #333)

(Spec: Mandatory Type = ID Min/Max = 01/02)

This data element defines the terms upon which payment will be based (TCIF interpretation). See Note 4. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
1	Ship Date
2	Delivery Date
3	Invoice Date
4	Specified Date - See Terms Net Due Date (ITD06)
5	Invoice Receipt Date

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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- ITD03. Terms Discount Percent (Data Element #338)
(Spec: Conditional Type = R Min/Max = 01/06)
This data element is the percentage discount available to the purchaser if the invoice for the purchase order is paid on or before the Terms Discount Due Date (ITD04) or within the Terms Discount Days Due (ITD05). See Notes 1 and 3.
- ITD04. Terms Discount Due Date (Data Element #370)
(Spec: Conditional Type = DT Min/Max = 06/06)
This data element is the date payment is due if the discount is to be earned. See Notes 1 and 2
- ITD05. Terms Discount Days Due (Data Element #351)
(Spec: Conditional Type = NO Min/Max = 01/03)
This data element is the number of days after the terms basis date by which payment is due if the discount is to be earned. See Notes 1 and 2.
- ITD06. Terms Net Due Date (Data Element #446)
(Spec: Conditional Type = DT Min/Max = 06/06)
This data element is the date when the total invoice amount becomes due. See Notes 3 and 4.
- ITD07. Terms Net Days (Data Element #386)
(Spec: Conditional Type = NO Min/Max = 01/03)
This data element is the number of days after the terms basis date when the total invoice amount becomes due. See Note 3.

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- ITD08. Terms Discount Amount (Data Element #362)
(Spec: Conditional Type = N2 Min/Max = 01/10)
This data element is the total amount of the terms discount. See Notes 2 and 3.
- ITD09. Terms Deferred Due Date (Data Element #388)
NOT USED BY TI.
- ITD10. Deferred Amount Due (Data Element #389)
NOT USED BY TI.
- ITD11. Percent Invoice Payable (Data Element #342)
NOT USED BY TI.
- ITD12. Description (Data Element #352)
NOT USED BY TI.

NOTES:

1. If ITD03 is used either ITD04 or ITD05 is required.
2. If ITD08 is used either ITD04 or ITD05 is required.
3. If ITD01 equals 05, ITD06 or ITD07 is required. If ITD01 does not equal 05, ITD03 or ITD08 is required.
4. If Terms Basis Date Code is equal to '4' (Specific Date) then indicate that date in ITD06.

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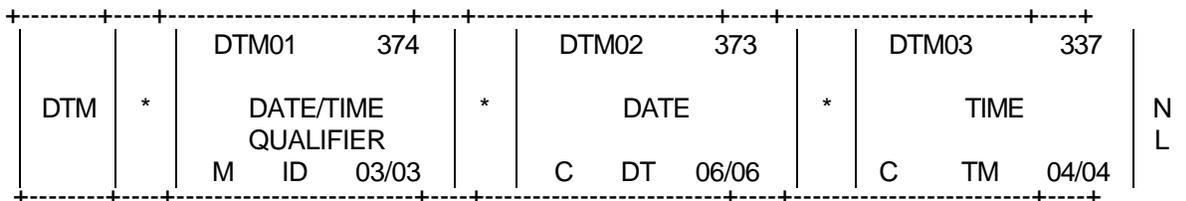
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.16 DTM - Date/Time Reference

Purpose: To specify pertinent dates and times.

Spec: Optional Max Length = 20 Max Use = 10

Diagram:



DTM01. Date/Time Qualifier (Data Element #374)

(Spec: Mandatory Type = ID Min/Max = 03/03)

This data element identifies the type of date/time information that is to follow. The TI-recognized codes can be found in Appendix A, ASC X12.

DTM02. Date (Data Element #373)

(Spec: Conditional Type = DT Min/Max = 06/06)

This data element is the date associated with the Date/Time Qualifier (DTM01). See Note 1.

DTM03. Time (Data Element #337)

(Spec: Conditional Type = TM Min/Max = 04/04)

This data element is the time associated with the Date/Time Qualifier (DTM01). See Note 1.

NOTE: 1. Either DTM02 or DTM03 is required.

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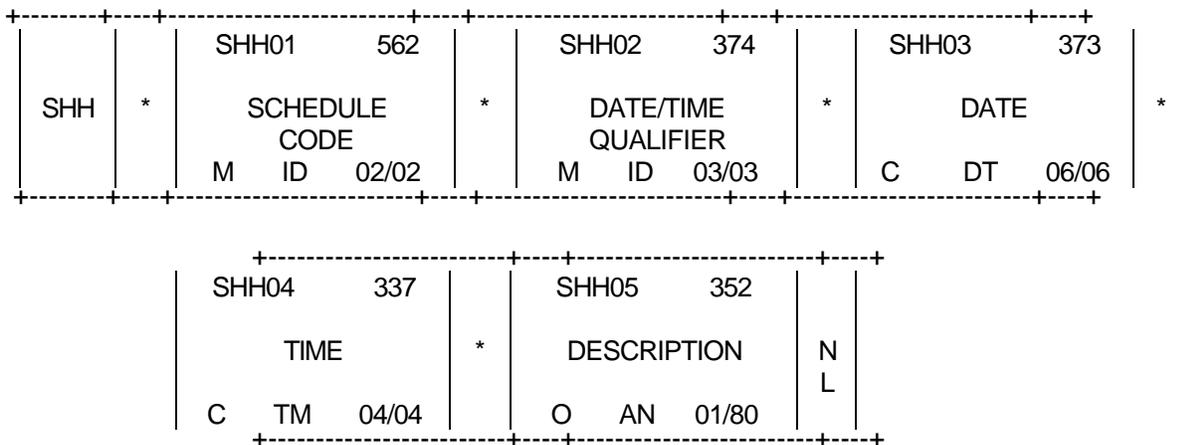
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.17 SHH - General Schedule

Purpose: To specify general scheduling conditions.

Spec: Optional Max Length = 104 Max Use = 5

Diagram:



SHH01. Schedule Code (Data Element #562)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element contains a code indicating the general scheduling arrangements. The TI-recognized codes can be found in Appendix A, ASC X12.

SHH02. Date/Time Qualifier (Data Element #374)

(Spec: Mandatory Type = ID Min/Max = 03/03)

This data element identifies the type of date/time information that is to follow. The TI-recognized codes can be found in Appendix A, ASC X12.

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SHH03. Date (Data Element #373)

(Spec: Conditional Type = DT Min/Max = 06/06)

This data element is the date associated with the Date/Time Qualifier (SHH02). See Note 1.

SHH04. Time (Data Element #337)

(Spec: Conditional)

This data element is the time associated with the Date/Time Qualifier (SHH02). See Note 1.

SHH05. Description (Data Element #352)

(Spec: Optional Type = AN Min/Max = 01/80)

This data element contains a free-form description to clarify the related data elements and their content.

NOTE:

1. Either SHH03 or SHH04 is required.

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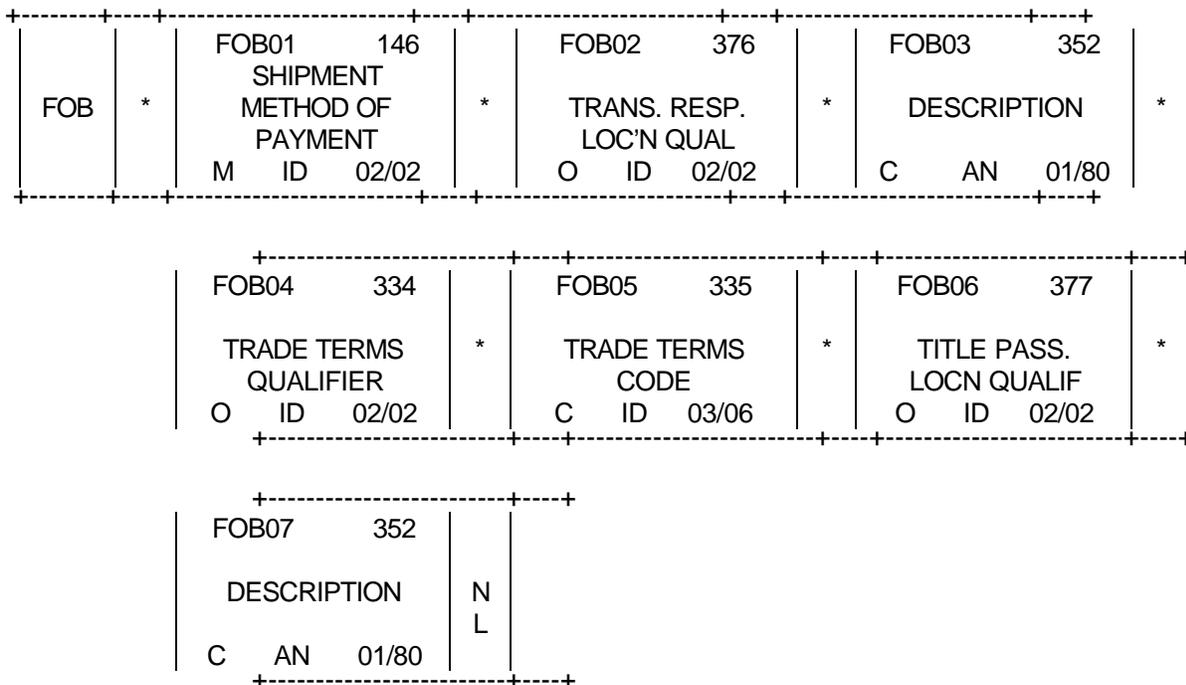
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.18 FOB - F.O.B. Related Instructions

Purpose: To specify transportation instructions relating to shipment when the transportation instruction differ from the instructions specified in the formal agreement between trading partners.

Spec: Optional Max Length = 185 Max Use = 1

Diagram:



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FOB01. Shipment Method of Payment (Data Element #146)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element contains a code that identifies the payment method for transportation charges. It usually indicates which party will pay the carrier. The TI-recognized codes can be found in Appendix A, ASC X12.

FOB02. Transportation Responsibility Location Qualifier (Data Element #376)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element specifies the location at which responsibility for the shipment changes. See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DESCRIPTION</u>
DE	Destination (Shipping)
OR	Origin (Shipping Point)

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

FOB03. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element describes the transportation responsibility as identified by the Transportation Location Qualifier (FOB02). See Notes 1 and 4.

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FOB04. Trade Terms Qualifier (Data Element #334)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element contains a code used to describe transportation responsibility criteria. See Notes 2 and 4. The preferred TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
02	TDCC List

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

FOB05. Trade Terms Code (Data Element #335)

(Spec: Conditional Type = ID Min/Max = 03/06)

This code indicates the trade terms which apply to the shipment transportation responsibility. See Notes 2 and 4. The TI-recognized codes can be found in Appendix A, ASC X12.

FOB06. Title Passage Location Qualifier (Data Element #377)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element identifies the location at which the title passes. See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12.

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FOB07. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element contains a description of the specific location at which title to the shipment passes as indicated by the Title Passage Location Qualifier (FOB06). See Note 3.

NOTES:

1. If FOB02 is used FOB03 is required.
2. If FOB04 is used FOB05 is required.
3. If FOB06 is used FOB07 is required.
4. FOB02, FOB03, FOB04, and FOB05 describe which party has the final responsibility for the cost of transportation and/or the risk of loss while the material is in transit.

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- TD101. Packaging Code (Data Element #103)
(Spec: Optional Type = ID Min/Max = 05/05)
This data element is a two-part code identifying the type of packaging and material. See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD102. Lading Quantity (Data Element #80)
(Spec: Conditional Type = NO Min/Max = 01/07)
This data element contains the number of units (pieces) of the lading commodity. See Note 1.
- TD103. Commodity Code Qualifier (Data Element #23)
(Spec: Optional Type = ID Min/Max = 01/01)
This data element identifies the coding system used for the Commodity Code (TD104). See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD104. Commodity Code (Data Element #22)
(Spec: Conditional Type = ID Min/Max = 01/10)
This code describes a commodity or group of commodities as defined by the Commodity Code Qualifier (TD103). See Note 2. The reference to the documents for this data element can be found in Appendix A, ASC X12.
- TD105. Lading Description (Data Element #79)
(Spec: Optional Type = AN Min/Max = 01/25)
This data element contains a free-form description of an item as required for rating and billing purposes.

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- TD106. Weight Qualifier (Data Element #187)
(Spec: Optional Type = ID Min/Max = 01/02)
This data element is a code that defines the type of weight. See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD107. Weight (Data Element #81)
(Spec: Conditional Type = R Min/Max = 01/08)
This data element is the numeric value of the weight. See Note 3.
- TD108. Unit of Measure Code (Data Element #355)
(Spec: Conditional Type = ID Min/Max = 02/02)
This data element is a code identifying the basic unit of measure for Weight (TD107). See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12.

NOTES:

1. If TD101 is used TD102 is required.
2. If TD103 is used TD104 is required.
3. If TD106 is used TD107 and TD108 are required.

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TD203. SCAC (Data Element #140)

(Spec: Conditional Type = ID Min/Max = 02/04)

SCAC (Standard Carrier Alpha Code) is a unique two to four position code used as an abbreviation or to identify a particular carrier for transportation data processing purposes. See Note 1. The TI-recognized codes can be obtained from:

National Motor Freight Traffic Association, Inc.
1616 P Street, N.W.
Washington, DC 20036

TD204. Routing (Data Element #387)

(Spec: Conditional Type = AN Min/Max = 01/35)

This data element contains a free-form description of the routing or requested routing for shipment, or the originating carrier's name or code. See Note 1.

TD205. Location Qualifier (Data Element #309)

(Spec: Optional Type = ID Min/Max = 02/02)

This code identifies the type of Location Identifier contained in TD206. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.

TD206. Location Identifier (Data Element #310)

(Spec: Conditional Type = AN Min/Max = 01/25)

This data element is the a specific geographic location. See Note 2.

NOTES:

1. Either TD202, TD203 or TD204 is required.
2. If TD205 is used TD206 is required.

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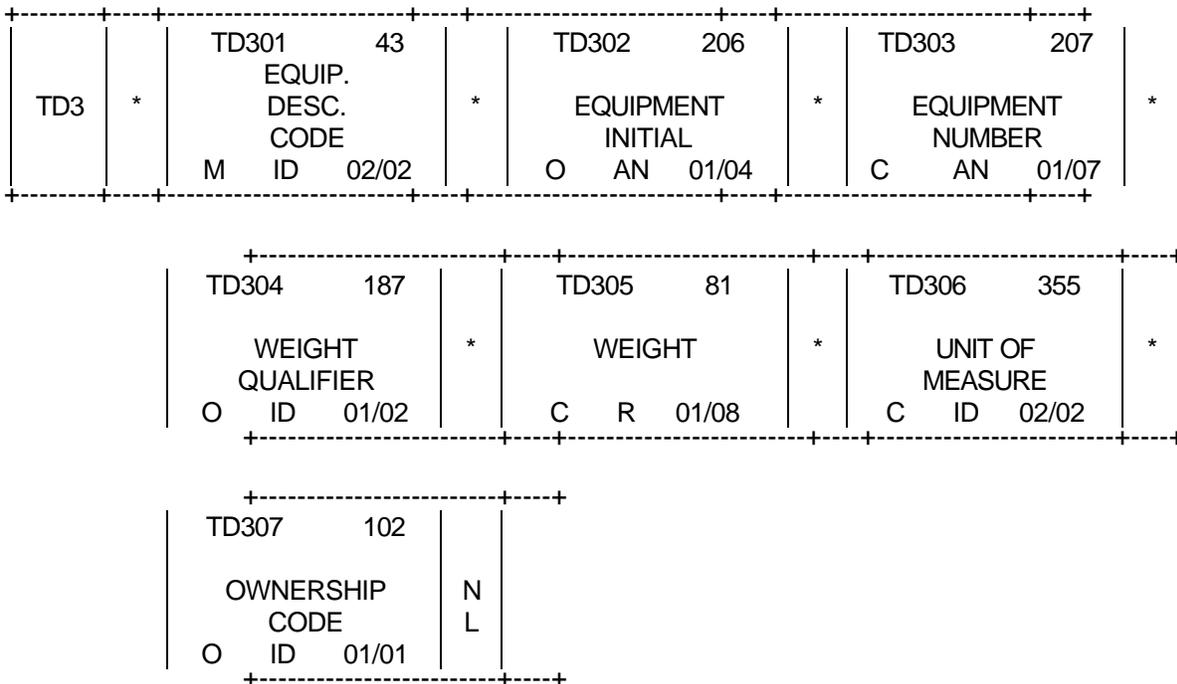
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.21 TD3 - Carrier Details (Equipment)

Purpose: To specify transportation details relating to the equipment used by the carrier.

Spec: Optional Max Length = 37 Max Use = 12

Diagram:



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- TD302. Equipment Initial (Data Element #206)
(Spec: Optional Type = AN Min/Max = 01/04)
This data element contains the prefix or alpha part of an equipment unit's identifying number. See Note 1. The TI-recognized codes can be obtained from:

International Air Transport Association
P.O. Box 315
1215 Geneva 15 Airport
Switzerland
- TD303. Equipment Number (Data Element #207)
(Spec: Conditional Type = AN Min/Max = 01/07)
This data element contains the sequencing or serial part of the equipment unit's identifying number (pure numeric form for equipment number is preferred). See Note 1.
- TD304. Weight Qualifier (Data Element #187)
(Spec: Optional Type = ID Min/Max = 01/02)
This data element contains a code that defines the type of weight. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD305. Weight (Data Element #81)
(Spec: Conditional Type = R Min/Max= 01/08)
This data element contains the numeric value of the weight. See Note 2.

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TD306. Unit of Measure Code (Data Element #355)

(Spec: Conditional Type = ID Min/Max = 02/02)

Unit of measure is a code identifying the basic unit of measurement. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.

TD307. Ownership Code (Data Element #102)

(Spec: Optional Type = ID Min/Max = 01/01)

This code indicates the relationship of the equipment to the carrier. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
N	Not Customer Owned or Leased
R	Seller Owned, Returnable
S	Customer Owned or Leased
T	Trip Leased

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

NOTES:

1. If TD302 is used TD303 is required.
2. If TD304 is used TD305 and TD306 are required.

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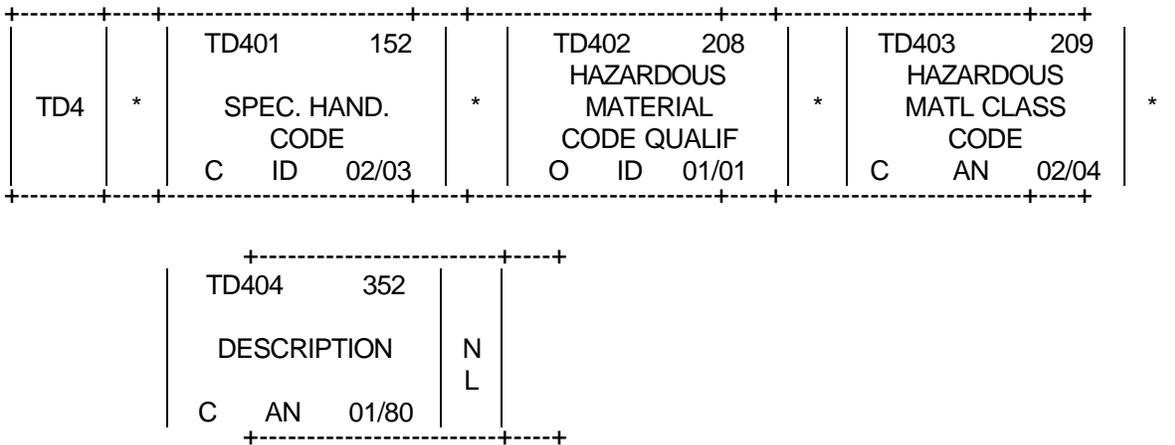
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.22 TD4 - Carrier Details (Special Handling/Hazardous Material)

Purpose: To specify transportation special handling requirements and hazardous materials information.

Spec: Optional Max Length = 96 Max Use = 5

Diagram:



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TD402. Hazardous Material Code Qualifier (Data Element #208)

(Spec: Optional Type = ID Min/Max = 01/01)

This code qualifies the Hazardous Material Class Code (TD403). See Note 2.
The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
4	46 Level DOT Code
6	Airline Tariff 6D
9	49 Level Code
A	ICAO Code
I	IMO Code (Intergovernmental Maritime Consultative Organization)
R	BOE 6000-A (Rail)
U	United Nations

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

TD403. Hazardous Material Class Code (Data Element #209)

(Spec: Conditional Type = AN Min/Max = 02/04)

This code specifies the kind of hazard for the material. See Note 2. The following documents contain these codes:

DOCUMENT

Hazardous Material Code (49 Level)

Presently being developed by the Association of American Railroads.

Tariff 6D - Official Air Transport Regulations on Restricted Articles
Airline Tariff Publishing Co.

Dulles Airport

Washington, DC

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Dangerous Goods Code
Inter-governmental Maritime Consultative Organization (IMCO)
101-104 Picadilly
London W1 VOAE
England

IATA Restricted Articles Regulations
International Air Transport Association
P.O. Box 315
1215 Geneva 15 Airport
Switzerland

TD404. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element is a free-form description to clarify the related data elements and their content. See Note 1.

NOTES:

1. Either TD401 or TD404 is required.
2. If TD402 is used TD403 is required.

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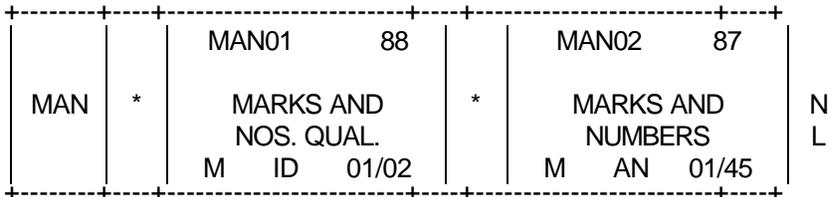
PURCHASE ORDER ACKNOWLEDGMENT HEADER SEGMENTS (Continued)

4.23 MAN - Marks and Numbers

Purpose: To indicate identifying marks and numbers for shipping containers.

Spec: Optional Max Length = 53 Max Use = 10

Diagram:



MAN01. Marks and Numbers Qualifier (Data Element #88)

(Spec: Mandatory Type = ID Min/Max = 01/02)

This codes specifies the application or source of the Marks and Numbers (MAN02). The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
PB	Premarked by Buyer
SM	Shipper Assigned

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

MAN02. Marks and Numbers (Data Element #87)

(Spec: Mandatory Type = AN Min/Max = 01/45)

This data element contains the marks and numbers used to identify a shipment or parts of a shipment.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS

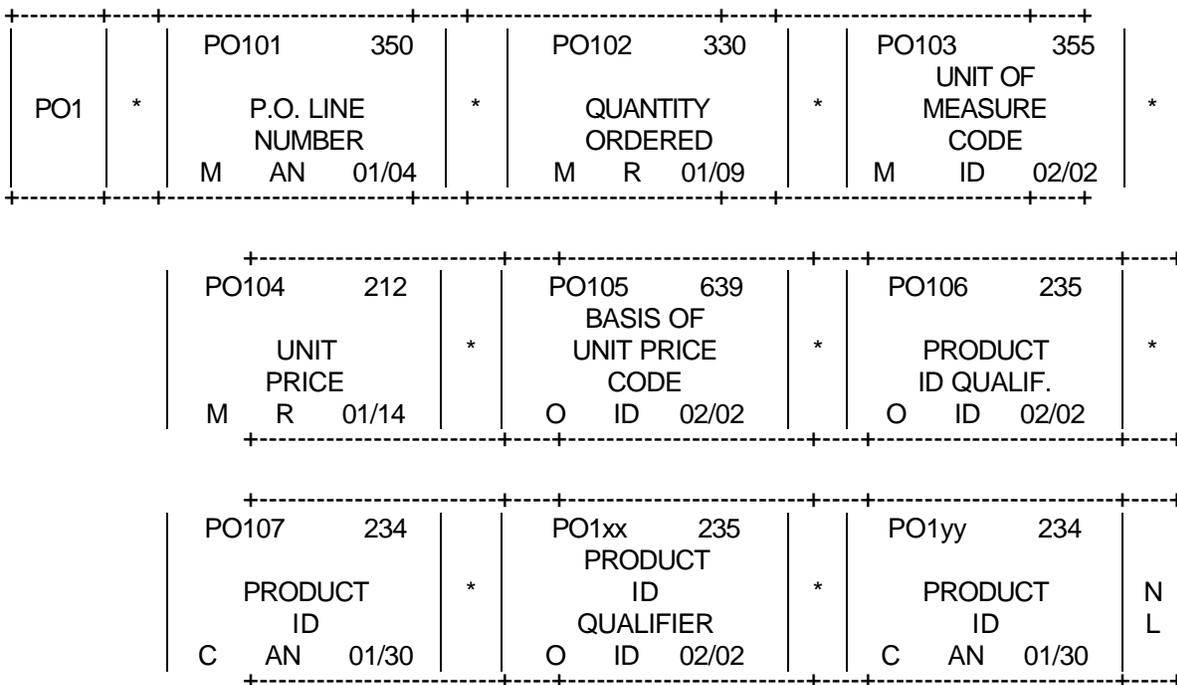
5. Purchase Order Acknowledgment Detail Segments

5.1 PO1 - Baseline Item Data

Purpose: To specify basic and most frequently used purchase order line item data.

Spec: Mandatory Max Length = 382 Max Use = 1 PO1 loop start
Max loops = 10,000

Diagram:



PO101. Purchase Order Line Number (Data Element #350)

(Spec: Mandatory Type AN Min/Max = 01/04)

This data element is the identifying number or code for a purchase order acknowledgment line item. Note that the maximum length of this data element is less than ASC X12.

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- PO102. Quantity Ordered (Data Element #330)
(Spec: Mandatory Type = R Min/Max 01/09)
This data element contains the quantity ordered as qualified by the Unit of Measure (PO103). See Notes 3 and 4.
NINE (9) CHARACTERS WITH NO IMPLIED DECIMALS IS REQUIRED.
- PO103. Unit of Measure Code (Data Element #355)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This code identifies the basic unit of measurement for the item being acknowledged. The TI-recognized codes can be found in Appendix A.
- PO104. Unit Price (Data Element #212)
(Spec: Mandatory Type = R Min/Max= 01/14)
This data element contains the price per unit of the product, service, commodity, etc. See Note 3.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

PO105. Basis of Unit Price Code (Data Element #639)

(Spec: Optional Type = ID Min/Max = 02/02)

This code defines the price indicated for an item. The Basis of Unit Price Code represents a factor applied to the product of quantity and unit price to determine the cost of an item being acknowledged, as shown in the formula and examples listed below:

Formula: Extended value of item acknowledged =

Quantity Ordered (P0102) x Unit Price (PO104)

Basis of Unit Price (P0105)

Example 1: Assume PO102 = 10, PO104 = \$1.00, PO105 = TE (Price Each)

$$\begin{array}{r} 10 \times \$1.00 \\ \hline 1 \end{array} = \$10.00$$

Example 2: Assume PO102 = 10, PO104 = \$1.00, PO105 = TC (Price/Hundred)

$$\begin{array}{r} 10 \times \$1.00 \\ \hline 100 \end{array} = \$.10$$

See Notes 3 and 4. The TI-recognized codes can be found in Appendix A, ASC X12.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

PO106. Product I.D. Qualifier (Data Element #235)

(Spec: Optional Type = ID Min/Max = 02/02)

This qualifier identifies the type or source of the descriptive information being provided in the Product I.D. (PO107). See Notes 1 and 2. The preferred TI-recognized codes for this transaction are:

"CI" - CLEI™ (COMMON LANGUAGE® Equipment Identifier) is an alphanumeric code describing a unique equipment item (10 characters) or a group of related equipment items (7 characters). The Language Standards Division of Bell Communications Research, Inc. controls the assignment of these codes. CI is an approved ANSI code and will be published in the next release.

"CR" - Contract Number is an alphanumeric code that specifies the purchase agreement between the trading partners.

"CT" - Continuation of the Part Number, used when the part number exceeds 30 characters.

"IN" - Buyer's Item Number is the Customer's Standard Supply Item Number used in the internal systems.

"MF" - Manufacturer is an alphanumeric code that specifies the manufacturer of the equipment. THIS QUALIFIER REQUIRED FOR PURCHASE OF MATERIAL CODED AS BASIC UNIT AND PART NUMBER.

"PN" - Company Part Number is a alphanumeric code which qualifies the basic unit to uniquely identify a specific piece of the vendor's equipment.

"RD" - Reel Number to be specified by the customer when ordering cable. A customer reel number can be provided and used or the vendor can assign a number so that the trading partners can maintain reel inventories and audit the return of non-billable reels to the vendor.

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"SV" - Services Rendered specifies a non-material charge such as engineering or installation. WHEN THE PRODUCT ID QUALIFIER EQUALS SV, THE VALID BILLING CATEGORIES MAY BE FOUND IN THE TABLE LABELED 'BILLING CATEGORIES'.

"UP" - Universal Product Code (UPC) (Full 11 Digit No.) is a common code used by the vendor and the customer to eliminate the necessity of descriptions. The codes are administrated by:

Uniform Product Council
7051 Corporate Way
Dayton, Ohio 45459

"VN" - Vendor's Item Number is an alphanumeric code that the vendor uses to identify the material ordered. This is the number that appears in the vendor's catalog.

"VO" - Vendor Order Number is a number assigned by the vendor to all or part of a customer order. The use of the vendor order number is at the vendor's discretion, as long as the use is consistent for the same items on related transaction sets.

"VS" - Vendor's Supplemental Item Number is an alphanumeric point item number used to subdivide a grouping of related pieces of equipment into separately orderable entities. It is also used for substitution items.

"VU" - Vendor's Basic Unit Number is an alphanumeric code which defines a family of related equipment items.

"VX" - Vendor Specification Number is a number assigned by the customer engineer or the vendor engineer, depending on who engineered the order, to all or part of the customer order. An engineer will usually use this field to subdivide an order. The use of the vendor specification number is at the vendor's discretion for vendor engineered jobs, as long as the use is consistent for the same items on all related transaction sets.

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

PO107. Product I.D. (Data Element #234)

(Spec: Conditional Type = AN Min/Max = 1/30)

This data element identifies the number for a product or service. See Notes 1 and 2.

NOTES:

1. If PO106 is used - PO107 is required.
2. The Product I.D. Qualifier (PO106)/Product I.D. (PO107) combination can occur a total of ten times. All notes applicable to PO106 and PO107 apply.
3. If quantity is not applicable as may be the case for some services Quantity Ordered (PO102) must contain a zero and Unit Price (PO104) will contain the total price. Since Unit Price (PO104) contains the total price, the formula shown in Basis of Unit Price Code (PO105) for calculation of the extended amount is not appropriate.
4. If Quantity Ordered (PO102) is other than zero, Basis of Unit Price Code (PO105) is required.

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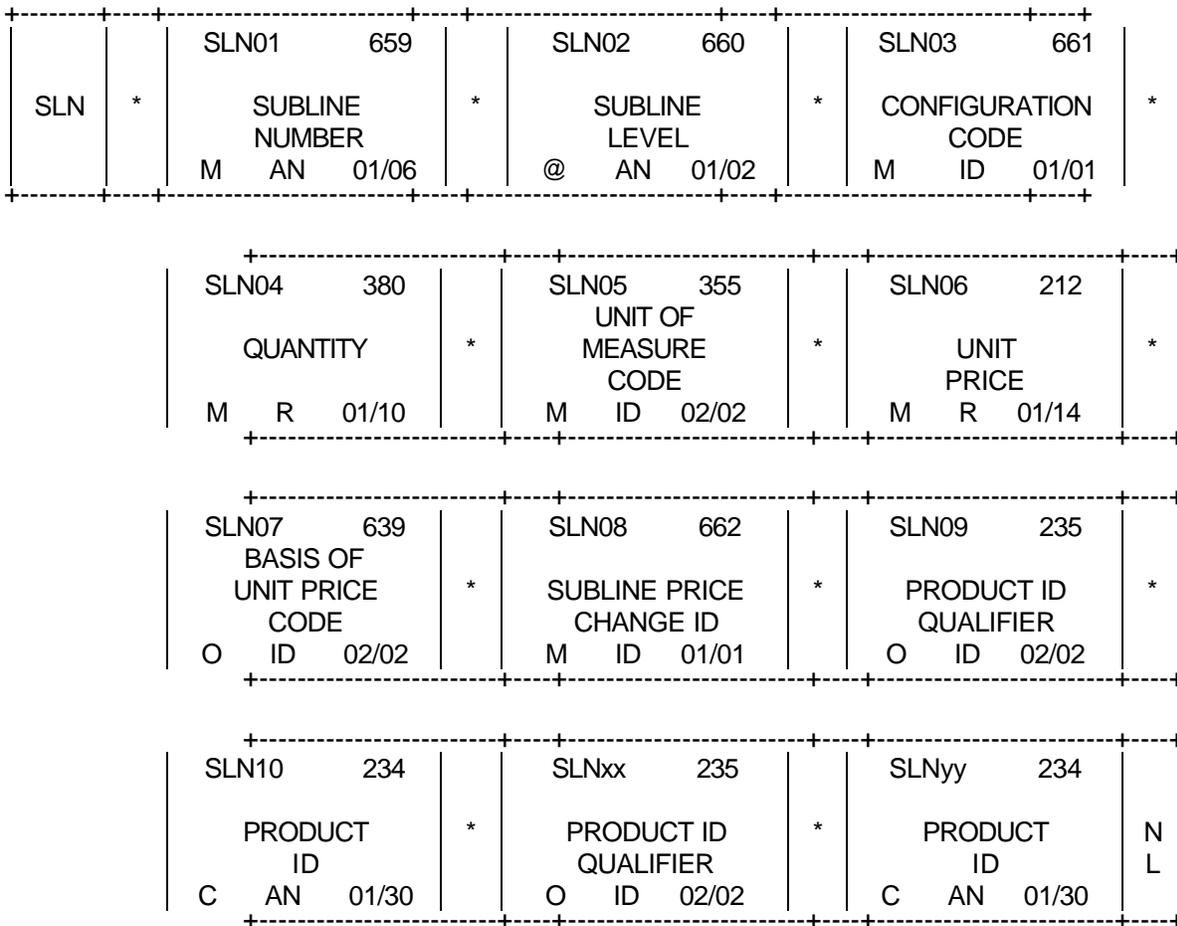
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.2 SLN - Subline Item Detail

Purpose: To specify product subline detail item data.

Spec: Optional Max Length = 390 Max Use = 1000 Within P01 loop

Diagram:



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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

- SLN01. Subline Number (Data Element #659)
(Spec: Mandatory Type = AN Min/Max= 01/04)
This number identifies the subline item related to (but not necessarily equivalent to) the Baseline Purchase Order Acknowledgment Line Number (PO101). For example, if 2.1 or 2.A are used as subline or point item numbers for a baseline item number of 2, then SLN01 would be either 1 or A.
- SLN02. Subline Level (Data Element #661)
NOT USED BY TI.
- SLN03. Configuration Code (Data Element #661)
(Spec: Mandatory Type = ID Min/Max = 01/01)
The Configuration Code indicates whether the subline item is included in, added to, or deleted from the baseline item configuration. The only TI-recognized codes for PICS/DCPR (BVAPP) transactions is:
D Deleted from the Configuration
A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.
- SLN04. Quantity (Data Element #380)
(Spec: Mandatory Type = R Min/Max = 01/10)
This data element contains the quantity to be added to, included in or deleted from the baseline item. See Note 4.

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- SLN05. Unit of Measure Code (Data Element #355)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This code identifies the basic unit of measurement for the subline item being acknowledged. The TI-recognized codes can be found in Appendix A, ASC X12.
- SLN06. Unit Price (Data Element #212)
(Spec: Mandatory Type - R Min/Max = 01/14)
This data element contains the price per unit of product, service, commodity, etc. of the subline item being added to, deleted from or included in the baseline item. See Notes 1 and 4.
- SLN07. Basis of Unit Price Code (Data Element #639)
(Spec: Optional Type = ID Min/Max = 02/02)
This code defines the type of price indicated for an item. See Note 4. For calculation of extended amount, see formula under Basis of Unit Price (PO105). The TI-recognized codes can be found in Appendix A, ASC X12.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

SLN08. Subline Price Change I.D. (Data Element #662)

(Spec: Mandatory Type = ID Min/Max = 01/01)

This code indicates whether the price of the subline item is included in, added to, or subtracted from the baseline item unit price (PO104). The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
A	Added to the Baseline Item Unit Price
I	Included in the Baseline Item Unit Price
S	Subtracted from the Baseline Item Unit Price

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

SLN09. Product I.D. Qualifier (Data Element #235)

(Spec: Optional Type = ID Min/Max = 02/02)

This qualifier identifies the type or source of the descriptive information being provided in the Product I.D. (SLN10). See Notes 1 and 2. The preferred TI-recognized codes for this transaction are:

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"CI" - CLEI™ (COMMON LANGUAGE® Equipment Identifier) is an alphanumeric code describing a unique equipment item (10 characters) or a group of related equipment items (7 characters). The Language Standards Division of Bell Communications Research, Inc. controls the assignment of these codes. CI is an approved ANSI code and will be published in the next release.

"CT" - Continuation of the Part Number, used when the part number exceeds 30 characters.

"IN" - Buyer's Item number is the Customer's Standard Supply Item Number used in the internal systems.

"MF" - Manufacturer is an alphanumeric code that specifies the manufacturer of the equipment. THIS QUALIFIER REQUIRED FOR PURCHASE OF MATERIAL CODED AS BASIC UNIT AND PART NUMBER.

"PN" - Company Part Number is a alphanumeric code which qualifies the basic unit to uniquely identify a specific piece of the vendor's equipment.

"RD" - Reel Number to be specified by the customer when ordering cable. A customer reel number can be provided and used or the vendor can assign a number so that the trading partners can maintain reel inventories and audit the return of non-billable reels to the vendor.

"SV" - Services Rendered specifies a non-material charge such as engineering or installation. WHEN THE PRODUCT ID QUALIFIER EQUALS SV, THE VALID BILLING CATEGORIES MAY BE FOUND IN THE TABLE LABELED 'BILLING CATEGORIES' .

"UP" - Universal Product Code (UPC) (Full 11 Digit No.) is a common code used by the vendor and the customer to eliminate the necessity of descriptions. The codes are administrated by:

Uniform Product Council
7051 Corporate Way
Dayton, Ohio 45459

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"VN" - Vendor's Item Number is an alphanumeric code that the vendor uses to identify the material ordered. This is the number that appears in the vendor's catalog.

"VO" - Vendor Order Number is a number assigned by the vendor to all or part of a Customer order. The use of the vendor order number is at the vendor's discretion, as long as the use is consistent for the same items on all related transaction sets.

"VS" - Vendor's Supplemental Item Number is an alphanumeric point item number used to subdivide a grouping of related pieces of equipment into separately orderable entities. It is also used for substitution items.

"VU" - Vendor's Basic Unit Number is an alphanumeric code which defines a family of related equipment items.

"VX" - Vendor Specification Number is a number assigned by the customer engineer or the vendor engineer, depending on who engineered the order, to all or part of the customer order. An engineer will usually use this field to subdivide an order. The use of the vendor specification number is at the vendor's discretion for vendor engineered jobs, as long as the use is consistent for the same items on all related transaction sets.

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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SLN10. Product I.D. (Data Element #234)

(Spec: Conditional Type = AN Min/Max = 1/30)

This data element contains the number for a product or service. See Notes 1 and 2.

NOTES:

1. If SLN09 is used - SLN10 is required.
2. The Product I.D. Qualifier (SLN09)/Product I.D. (SLN10) combination can occur a total of ten times. All notes applicable to SLN09 and SLN10 apply.
3. If quantity is not applicable as may be the case for some services Quantity (SLN04) must contain a zero and Unit Price (SLN06) will contain the total price. Since Unit Price (SLN06) contains the total price, the formula shown in Basis of Unit Price Code (PO105) for calculation of the extended amount is not appropriate.
4. If Quantity (SLN04) is other than zero, Basis of Unit Price (SLN07) is required.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.3 J2X - Item Description

Purpose: To describe an item in either an industry standard or free-form format.

Spec: Optional Max Length = 90 Max Use = 1,000 Within PO1 loop

Diagram:

J2X	*	J2X01 348	*	J2X02 349	*	J2X03 372	N L
		ITEM DESC. QUALIFIER		ITEM DESC. TYPE		ITEM DESCRIPTION	
		M ID 02/02		M ID 01/01		M AN 01/80	

J2X01. Item Description Qualifier (Data Element #348)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This code identifies the group or industry for the product. 'TI' (Telecommunications Industry) is the only TI-recognized code.

J2X02. Item Description Type (Data Element #349)

(Spec: Mandatory Type = ID Min/Max = 01/01)

This code indicates the format of the description. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
F	Free-form
S	Structured

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12. IF FRAME ID IS INDICATED IN J2X03 THEN 'S' IS THE ONLY VALID CODE.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

J2X03. Item Description (Data Element #372)

(Spec: Mandatory Type = AN Min/Max = 01/80)

This data element contains the description of the item being purchased. If Item Description Type is 'S', then the data element contains structured data as agreed on by the trading partners.

BVAPP REQUIRES THE FRAME ID IN THIS ELEMENT, IF APPROPRIATE,
AND J2X02=S.

VALID ENTRIES ARE:

FLOOR - POSITION 1-2
LINE-UP OR FRAME - POSITION 3-7
BAY NUMBER - POSITION 8-9
BAY DESIGNATION - POSITION 10
QUANTITY - POSITION 11-19
(INTEGERS ONLY, WITH LEADING
ZEROS IF NECESSARY)

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

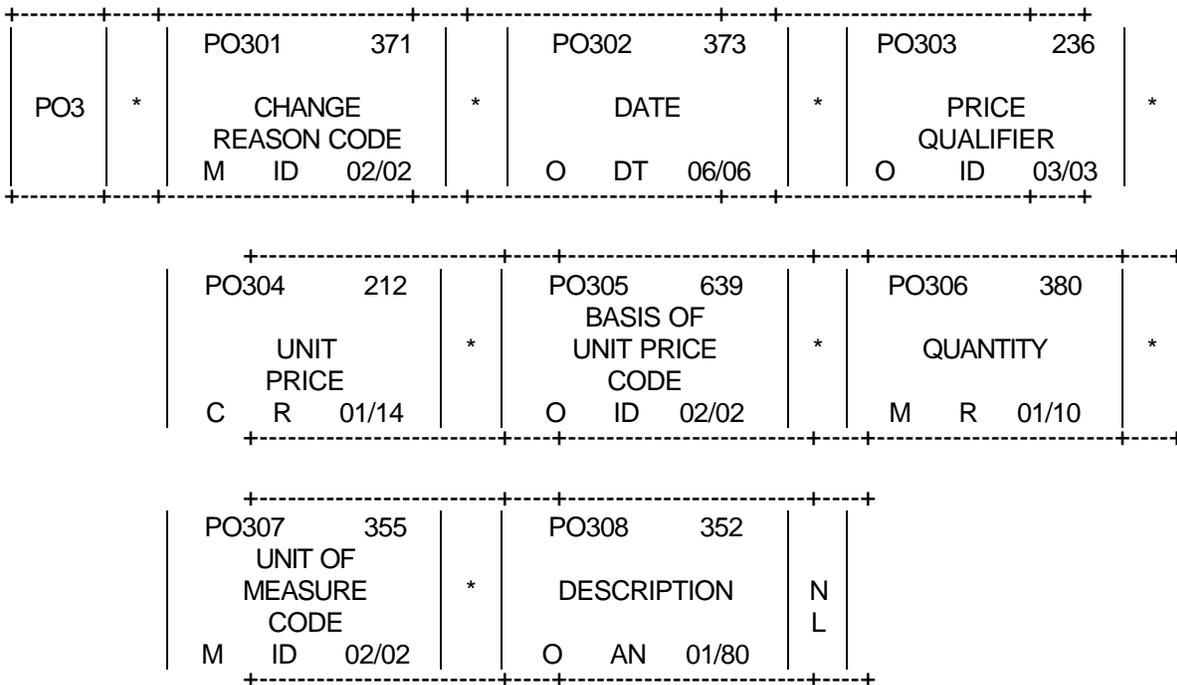
5.4 P03 - Additional Item Detail

Purpose: To specify item related changes to the P01 or SLN segments in the purchase order or purchase order acknowledgment. These changes involve variations in the price/quantity information.

Spec: Optional Max Length = 131 Max Use = 25 Within P01 loop.

PICS/DCPR (BVAPP) USES THIS SEGMENT TO APPLY PRICE AND QUANTITY CHANGE.

Diagram:



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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

PO301. Change Reason Code (Data Element #371)

(Spec: Mandatory Type = ID Min/Max 02/02)

The code specifies the reason for the price or quantity change. See Note 5.
The TI-recognized codes for PICS/DCPR (BVAPP) transactions are:

<u>CODE</u>	<u>DEFINITION</u>
QO	Quantity Ordered
UP	Unit Price
ZZ	Change applied to SLN Segment

PO302. Date (Data Element #373)

(Spec: Optional Type = DT Min/Max = 06/06)

This data element is the effective date related to the Change Reason Code (PO301) whenever it may be applicable.

PO303. Price Qualifier (Data Element #236)

(Spec: Optional Type = ID Min/Max = 03/03)

This code identifies the pricing specifications. See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.

PO304. Unit Price (Data Element #212)

(Spec: Conditional Type = R Min/Max = 01/14)

This is the price per unit of the product, service, commodity, etc. See Notes 1 and 3.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

- PO305. Basis of Unit Price Code (Data Element #639)
(Spec: Optional Type = ID Min/Max = 02/02)
This code identifies the type of price indicated for an item. For calculation of the extended amount, see the formula under Basis of Unit Price Code (PO105). See Notes 1 and 4. The TI-recognized codes can be found in Appendix A, ASC X12.
- PO306. Quantity (Data Element #380)
(Spec: Mandatory Type = R Min/Max = 01/10)
This contains the numeric value of the quantity. See Notes 2 and 4.
- PO307. Unit of Measure Code (Data Element #355)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This code identifies the basic unit of measurement of the Quantity (PO306). See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- PO308. Description (Data Element #352)
(Spec: Optional Type = AN Min/Max = 01/80)
This data element is a free-form description to clarify the related data elements and their content. See Note 5.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

NOTES:

1. If PO303 or PO305 are used PO304 is required.
2. PO307 defines the unit of measure for PO306.
3. If the quantity is not applicable as may be the case for some services Quantity (PO306) must contain a zero and Unit Price (PO304) will contain the total price. Since Unit Price (PO304) contains the total price, the formula shown in Basis of Unit Price Cost (PO105) for calculation of the extended amount is not appropriate.
4. If Quantity (PO306) is other than zero, Basis of Unit Price (PO305) is required.
5. If this segment is being used to modify a previous SLN segment, the Change Reason Code (PO301) must contain 'ZZ' and the Description (PO308) must be structured with the first two characters containing the Change Reason Code, the next six characters containing the Subline Number (SLN01) and the remaining seventy-two positions a free form description, if applicable.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

SSS01. Allowance or Charge Indicator (Data Element #248)

(Spec: Mandatory Type = ID Min/Max = 01/01)

The Allowance or Charge Indicator is a one-position indicator specifying whether the allowance or charge data segment is an allowance or charge against the purchase order item. The preferred TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
N	No Allowance or Charge

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

SSS02. Agency Qualifier Code (Data Element #559)

(Spec: Mandatory Type = ID Min/Max = 02/02)

The Agency Qualifier Code is a code identifying the agency assigning the codes used in SSS03. The only TI-recognized code is 'TI' (Telecommunications Industry).

SSS03. Special Services Code (Data Element #560)

(Spec: Mandatory Type = ID Min/Max = 02/10)

The Special Services Code specifies the type of service. The TI-recognized codes can be found in Appendix A, ASC X12.

SSS04. Services Marks and Numbers (Data Element #561)

NOT USED BY TI.

SSS05. Allowance or Charge Rate Per Unit (Data Element #359)

NOT USED BY TI.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

SSS06. Allowance or Charge Total Amount (Data Element #360)

NOT USED BY TI.

SSS07. Description (Data Element #352)

(Spec: Optional Type = AN Min/Max = 01/80)

This data element is a free-form description to clarify the related data elements and their content.

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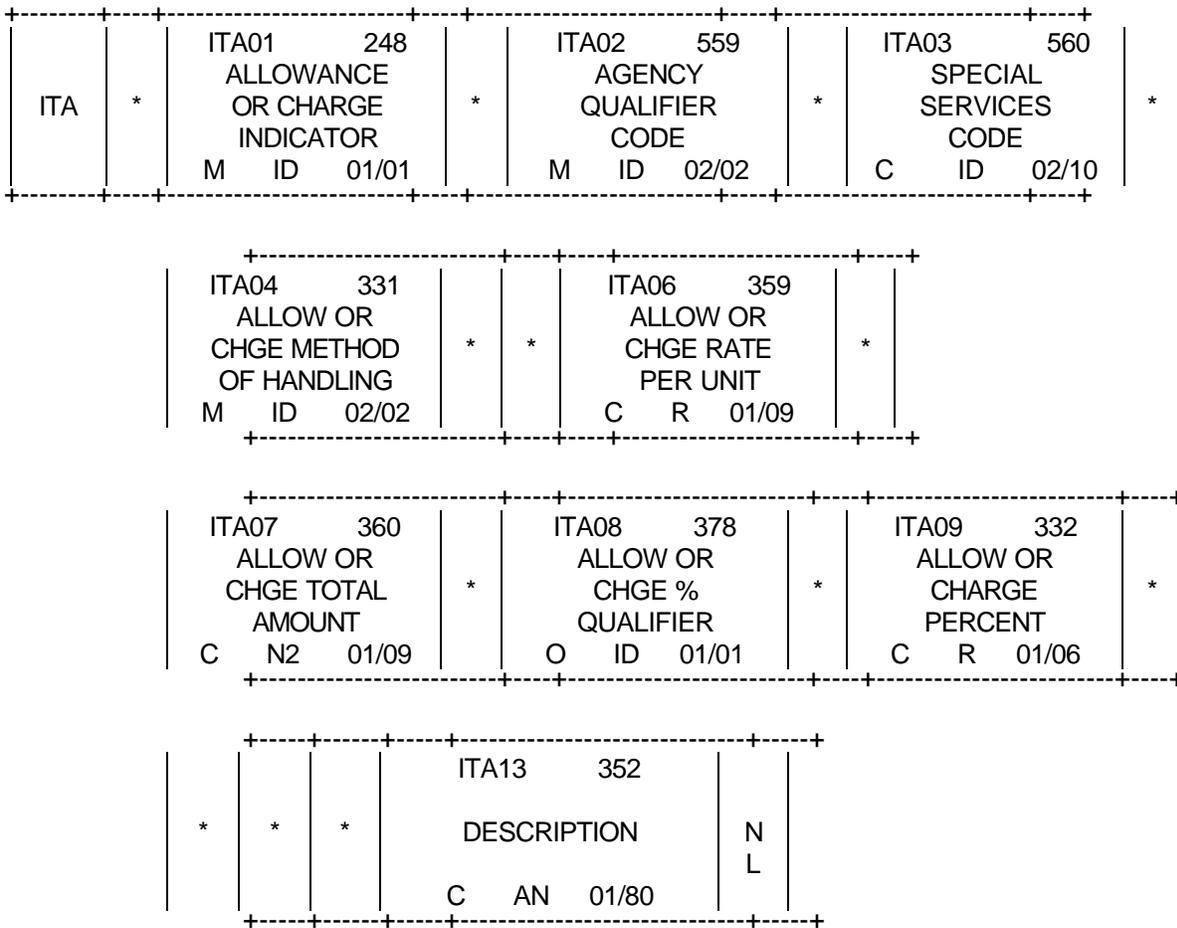
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.6 ITA - Allowance or Charge

Purpose: To specify allowances or charges related to a line item.

Spec: Optional Max Length = 175 Max Use = 10 Within PO1 loop

Diagram:



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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

ITA01. Allowance or Charge Indicator (Data Element # 248)

(Spec: Mandatory Type = ID Min/Max = 01/01)

The Allowance or Charge Indicator is a one-position indicator specifying whether the allowance or charge data segment is an allowance or charge against the line item. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
A	Allowance
C	Charge

A complete list of the TI-recognized codes can be found in Appendix A.

ITA02. Agency Qualifier Code (Data Element #559)

(Spec: Mandatory Type = ID Min/Max = 02/02)

The Agency Qualifier Code is a code identifying the agency assigning the codes used in ITA03. See Note 1. The only TI-recognized code is 'TI' (Telecommunications Industry).

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

ITA03. Special Services Code (Data Element #560)

(Spec: Conditional Type = ID Min/Max = 02/10)

The Special Services Code specifies the type of service. See Note 1. The TI-recognized codes can be found in Appendix A.

NOTE: VALID CODES USED BY BVAPP:

EC	ENGINEERING CHARGE	ST	SALES TAX
HS	HAULING & HOISTING (DIRECT BILLING)	TB	TRANSPORTATION
I0012	INSTALLATION	TD	TRADE DISCOUNT
L0010	LABOR CHARGES	TT	TRANSPORTATION (THIRD PARTY)
L0012	LABOR (REPAIR & RETURN)	TV	TRANSPORTATION
SA	SALVAGE		(VENDOR PROVIDED)
SE	SERVICE CHARGE	WH	WAREHOUSING

NOTES:

1. IF TD IS SENT IN THE HEADER, ITA03 OVERRIDES HEADER.
2. NON-MATERIAL ITEMS, IF POPULATED, WILL BE PRINTED ON A NON-MATERIAL REPORT.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

ITA04. Allowance or Charge Method of Handling (Data Element #331)

(Spec: Mandatory Type = ID Min/Max = 02/02)

Allowance or Charge Method of Handling specifies how the allowance or charge on the line item should be handled. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
04	Credit Customer Account
06	Charge to be Paid by Customer

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

ITA05. Allowance or Charge Number (Data Element #341)

NOT USED BY TI.

ITA06. Allowance or Charge Rate Per Unit (Data Element #359)

(Spec: Conditional Type = R Min/Max = 01/09)

This is the rate per unit for the allowance or charge. The Quantity (PO102) will be multiplied by the rate per unit to determine the allowance or charge. See Note 2.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

ITA07. Allowance or Charge Total Amount (Data Element #360)

(Spec: Conditional Type = N2 Min/Max = 01/09)

Allowance or Charge Total Amount is the dollar total of the allowance or charge for the line item. See Note 2.

ITA08. Allowance or Charge Percent Qualifier (Data Element #378)

(Spec: Optional Type = ID Min/Max = 01/01)

Allowance or Charge Percent Qualifier is a code indicating on what basis the Allowance or Charge Percent (ITA09) is calculated. See Notes 2 and 3. The preferred TI-recognized codes for this transaction are ANS X12.

<u>CODE</u>	<u>DEFINITION</u>
1	Item List Cost
2	Item Net Cost

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

- ITA09. Allowance or Charge Percent (Data Element #332)
(Spec: Conditional Type = R Min/Max = 01/06)
Allowance or Charge Percent is the allowance or charge expressed as a percent for the line item based on the Allowance or Charge Percent Qualifier (ITA08). See Note 3.
- ITA10. Allowance or Charge Quantity (Data Element #339)
NOT USED BY TI.
- ITA11. Unit of Measure (Data Element #355)
NOT USED BY TI.
- ITA12. Free Goods Quantity (Data Element #379)
NOT USED BY TI.
- ITA13. Description (Data Element #352)
(Spec: Conditional Type = AN Min/Max = 01/80)
This data element consists of a free-form description of the Allowance or Charge of a special service to be performed for the line item. See Note 1.

NOTES:

1. If ITA02 is used either ITA03 or ITA13 is required.
2. Either ITA06, ITA07 or ITA08 is required.
3. If ITA08 is used ITA09 is required.

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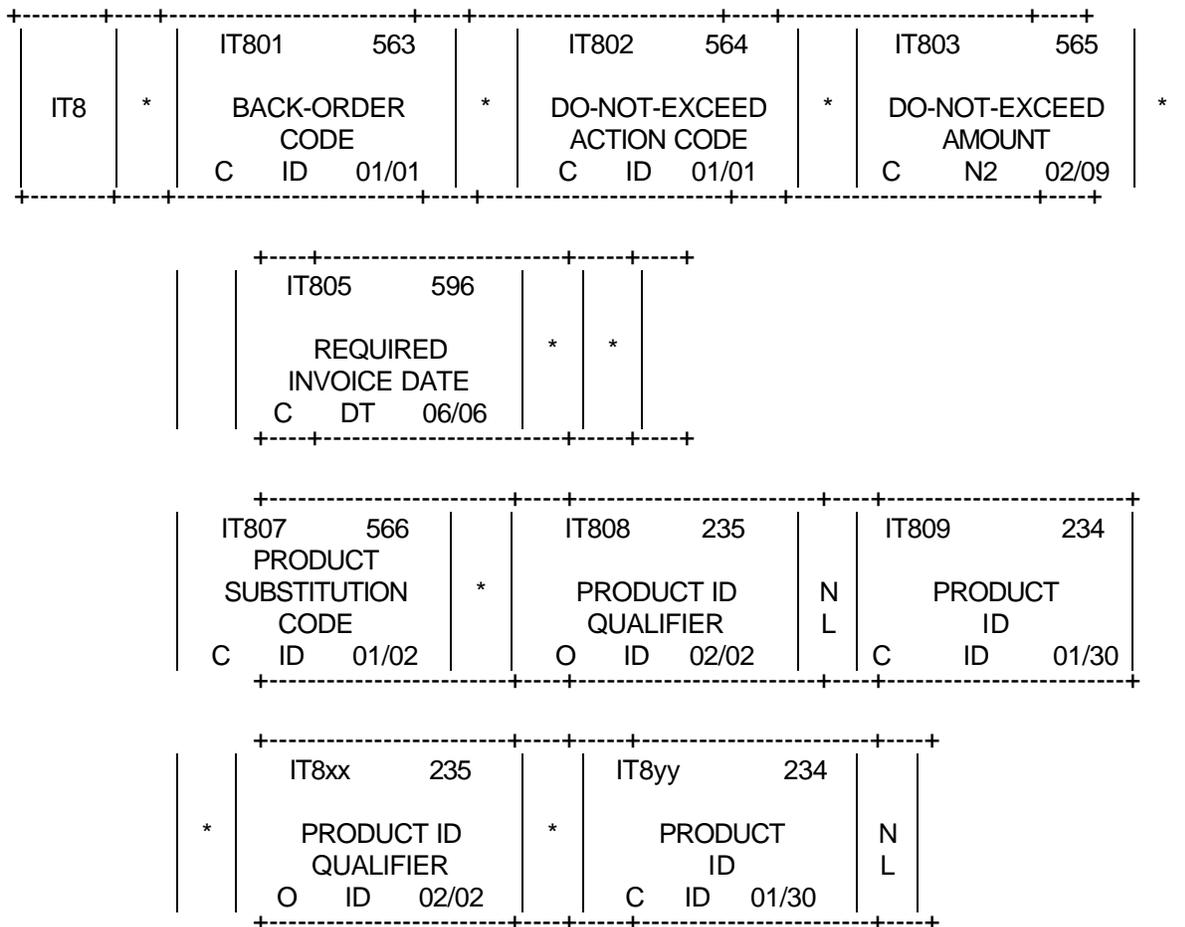
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.7 IT8 - Conditions of Sale

Purpose: To specify general conditions or requirements of the sale and to detail conditions for substitution of alternate products or services. This segment will override the CSH segment in the header.

Spec: Optional Max Length = 402 Max Use = 1 Within PO1 loop

Diagram:



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IT801. Back-Order Code (Data Element #563)

(Spec: Conditional Type = ID Min/Max = 01/01)

This code identifies the back-order agreement. See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
N	No Back Order - Ship quantity on hand on ship date and cancel remainder of item.
Y	Back Order if Out of Stock - Ship quantity on hand on ship date and ship remainder when available.

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

IT802. Do-Not-Exceed Action Code (Data Element #564)

(Spec: Conditional Type = ID Min/Max= 01/01)

This data element contains a code that indicates the action to be taken if the item amount exceeds the value of the Do-Not-Exceed Amount data element (IT803). See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
0	Cancel Balance of Item that Exceeds Value specified in the Do-Not-Exceed Amount data element
1	Cancel Entire Item

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

IT803. Do-Not-Exceed Amount (Data Element #565)

(Spec: Conditional Type = N2 Min/Max = 02/09)

This data element contains the monetary amount which the item must not exceed. See Note 1.

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IT804. Sender's Account Number (Data Element #595)
NOT USED BY TI.

IT805. Required Invoice Date (Data Element #596)
(Spec: Conditional Type = DT Min/Max = 06/06)
This is the date specified by the sender to be shown on the invoice. See Note 1.

IT806. Agency Qualifier Code (Data Element #559)
NOT USED BY TI.

IT807. Product Substitution Code (Data Element #566)
(Spec: Conditional Type = ID Min/Max = 01/02)
This code indicates the product or service substitution conditions. See Note 1.
The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
B0 (zero)	No Substitution Allowed
Y	Alternate Item Substitution Allowed

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

IT808. Product I.D. Qualifier (Data Element #235)

(Spec: Optional Type = ID Min/Max = 02/02)

This qualifier identifies the type or source of the descriptive information being provided in the Product I.D. (IT809). See Notes 2 and 3. The preferred TI-recognized codes for this transaction are:

"CI" - CLEI™ (COMMON LANGUAGE® Equipment Identifier) is an alphanumeric code describing a unique equipment item (10 characters) or a group of related equipment items (7 characters). The Language Standards Division of Bell Communications Research, Inc. controls the assignment of these codes. CI is an approved ANSI code and will be published in the next release.

"CR" - Contract Number is an alphanumeric code that specifies the purchase agreement between the trading partners.

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"CT" - Continuation of the Part Number, used when the part number exceeds 30 characters.

"IN" - Buyer's Item number is the Customer's Standard Supply Item Number used in the internal systems.

"MF" - Manufacturer is an alphanumeric code that specifies the manufacturer of the equipment. THIS QUALIFIER REQUIRED FOR PURCHASE OF MATERIAL CODED AS BASIC UNIT AND PART NUMBER.

"PN" - Company Part Number is a alphanumeric code which qualifies the basic unit to uniquely identify a specific piece of the vendor's equipment.

"RD" - Reel Number to be specified by the customer when ordering cable. A customer reel number can be provided and used or the vendor can assign a number so that the trading partners can maintain reel inventories and audit the return of non-billable reels to the vendor.

"SV" - Services Rendered specifies a non-material charge such as engineering or installation. WHEN THE PRODUCT ID QUALIFIER EQUALS SV, THE VALID BILLING CATEGORIES MAY BE FOUND IN THE TABLE LABELED 'BILLING CATEGORIES' .

"UP" - Universal Product Code (UPC) (Full 11 Digit No.) is a common code used by the vendor and the customer to eliminate the necessity of descriptions. The codes are administrated by:

Uniform Product Council
7051 Corporate Way
Dayton, Ohio 45459

"VN" - Vendor's Item Number is an alphanumeric code that the vendor uses to identify the material ordered. This is the number that appears in the vendor's catalog.

"VO" - Vendor Order Number is a number assigned by the vendor to all or part of a Customer order. The use of the vendor order number is at the vendor's discretion, as long as the use is consistent for the same items on all related transaction sets.

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"VS" - Vendor's Supplemental Item Number is an alphanumeric point item number used to subdivide a grouping of related pieces of equipment into separately orderable entities. It is also used for substitution items.

"VU" - Vendor's Basic Unit Number is an alphanumeric code which defines a family of related equipment items.

"VX" - Vendor Specification Number is a number assigned by the customer engineer or the vendor engineer, depending on who engineered the order, to all or part of the customer order. An engineer will usually use this field to subdivide an order. The use of the vendor specification number is at the vendor's discretion for vendor engineered jobs, as long as the use is consistent for the same items on all related transaction sets.

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

IT809. Product I.D. (Data Element #234)

(Spec: Conditional Type = AN Min/Max = 1/30)

This data element contains the number for a product or service. See Notes 2 AND 3.

NOTES:

1. Either IT801, IT802, IT803, IT805, or IT807 is required.
2. If IT808 is used IT809 is required.
3. The Product I.D. Qualifier (IT808)/Product I.D. (IT809) combination can occur a total of ten times. All notes applicable to IT808 and IT809 apply.

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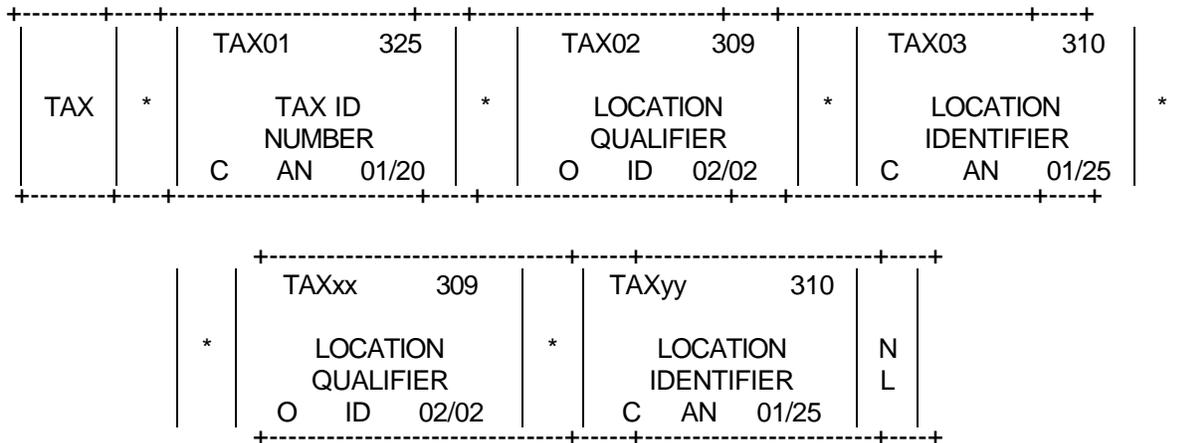
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.8 TAX - Tax Reference

Purpose: To provide data required for proper notification/determination of applicable sales and related taxes applying to the item.

Spec: Optional Max Length = 170 Max Use = 1 Within PO1 loop

Diagram:



TAX01. Tax I.D. Number (Data Element #325)

(Spec: Conditional Type = AN Min/Max = 01/20)

This is the number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.). The number is also called a tax exemption number or certificate number. See Note 1.

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TAX02. Location Qualifier (Data Element #309)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element defines the type of location identifier specified in TAX03. See Notes 1, 2, and 3. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
AC	City and State
CC	Country
CI	City
CO	County/Parish and State
CY	County/Parish
NS	City/State from Points
SC	City/State and Points Within
SP	State/Province
TN	Township
TX	Taxing District

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

TAX03. Location Identifier (Data Element #310)

(Spec: Conditional Type = AN Min/Max = 01/25)

This data element identifies a specific geographic location specified by the Location Qualifier (TAX02). See Notes 2 and 3.

NOTES:

1. Either TAX01 or TAX02 is required. TAX01 is required if tax exemption is to be claimed.
2. If TAX02 is used - TAX03 is required.
3. The Location Qualifier (TAX02)/Location Identifier (TAX03) combinations can occur a total of five times. All notes that are applicable to TAX02 and TAX03 apply.

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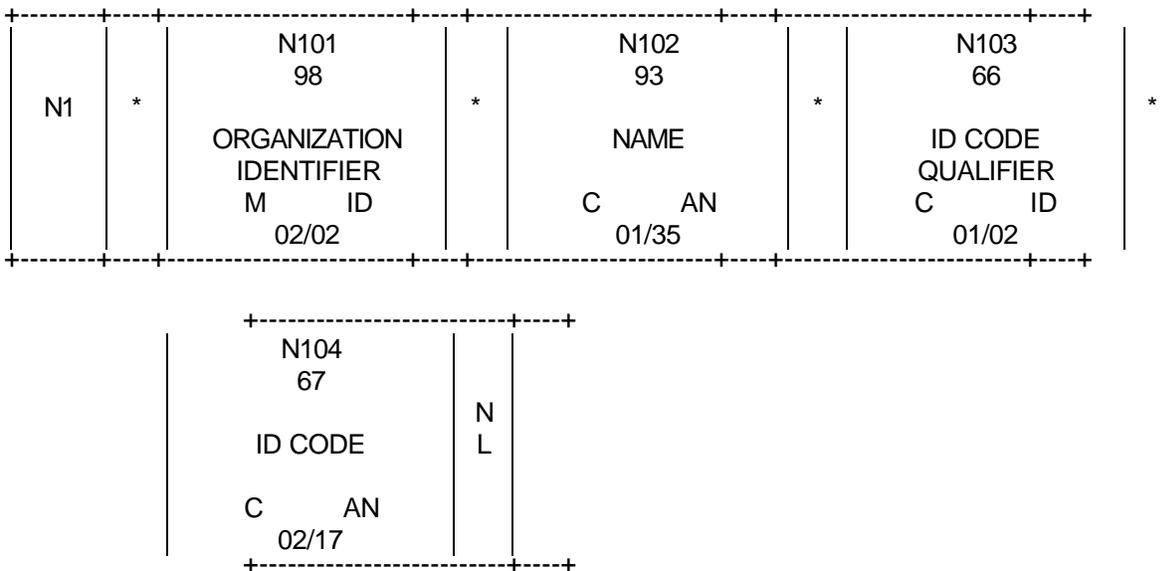
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.9 N1 - Name

Purpose: To identify a party by the type of organization, name and code. This segment (loop) will be used if the ship to address for an item is different than the ship to address provided in the header. If the Name (N102) is used in this segment, the N3 and N4 segments are required.

Spec: Optional Max Length = 63 Max Use = 1 N1 Loopstart Max
 Loops = 1 Within PO1 loop

Diagram:



N101. Organization Identifier (Data Element #98)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element defines the organization specified in the Name data element (N102). The preferred TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
ST	Ship to

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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N102. Name (Data Element #93)

(Spec: Conditional Type = AN Min/Max = 01/35)

This data element is the name of the party referenced by the Organization Identifier (N101). See Note 1.

N103. I.D. Code Qualifier (Data Element #66)

(Spec: Conditional Type = ID Min/Max = 01/02)

This data element identifies the type code found in the I.D. Code data element (N104). See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.

N104. I.D. Code (Data Element #67)

(Spec: Conditional Type = AN Min/Max = 02/17)

This data element contains the mutually agreed upon code identifying the organization specified in the I.D. Code Qualifier (N103). See Note 1.

NOTE:

1. Either N102 or N104 is required.

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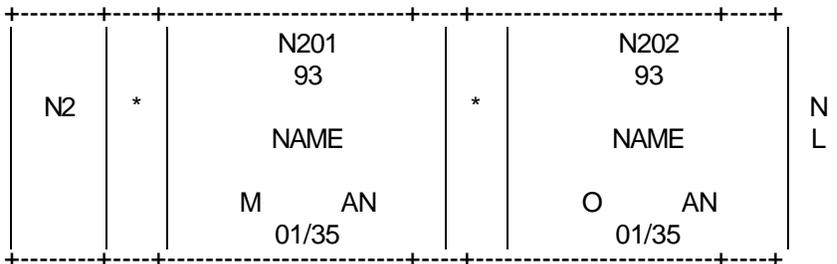
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.10 N2 - Additional Name Information

Purpose: To specify additional names or those longer than 35 characters in length.

Spec: Optional Max Length = 75 Max Use = 2 Within the N1 loop
 Within PO1 loop

Diagram:



N201. Name (Data Element #93)

(Spec: Mandatory Type = AN Min/Max = 01/35)

This data element contains the continuation of the Name data element (N102).

N202. Name (Data Element #93)

(Spec: Optional Type = AN Min/Max = 01/35)

This data element contains the continuation of the Name data elements (N102 and N201).

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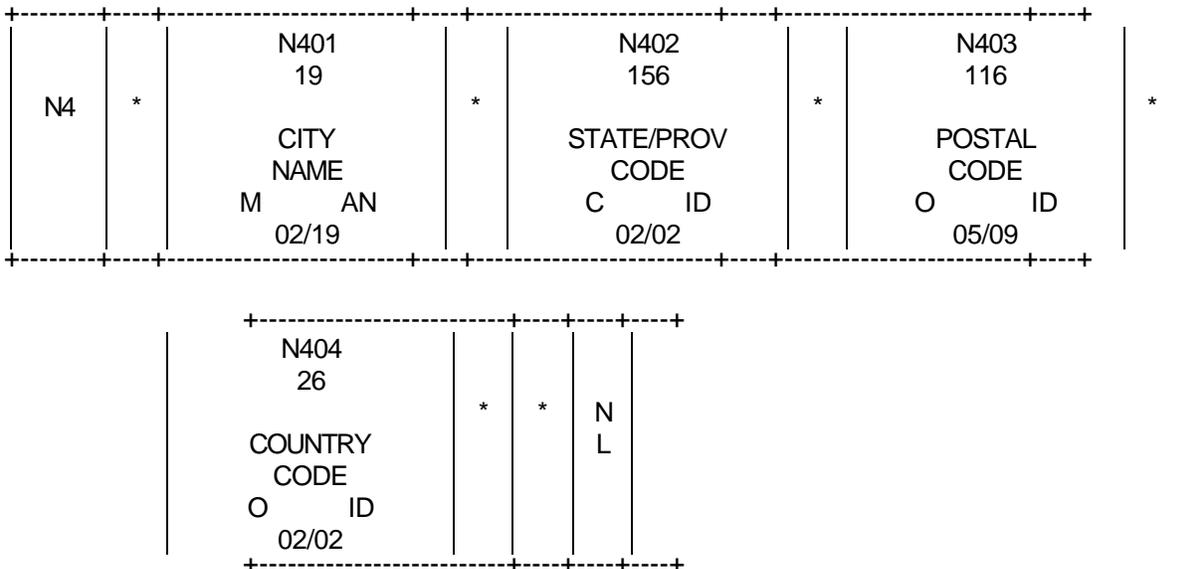
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.12 N4 - City/State

Purpose: To specify the geographic location of the named party. This segment is required if the Name (N102) was specified in the N1 Segment.

Spec: Optional Max Length = 68 Max Use = 1 Within N1 loop Within PO1 loop

Diagram:



N401. City Name (Data Element #19)

(Spec: Mandatory Type = AN Min/Max = 02/19)

This data element specifies the city of the named party. See Note 1.

N402. State/Province Code (Data Element #156)

(Spec: Conditional Type = ID Min/Max = 02/02)

This data element is a two-position abbreviation as contained in the document FIPS-PUB-5-1. See Note 1. The document is available from:

National Technical Information Service
Springfield, Virginia 22161

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- N403. Postal Code (Data Element #116)
(Spec: Optional Type = ID Min/Max = 05/09)
This data element identifies the postal zone code excluding punctuation or blanks. For the United States this is the ZIP Code.
- N404. Country Code (Data Element #26)
(Spec: Optional Type = ID Min/Max = 02/02)
This data element is a two-position code contained in document Codes for Representation of Names of Countries (ISO 3166-1974(E)). The international standard provides a two-letter alphabetic code for representing the names of countries, dependencies, and other areas of special geopolitical interest for purposes of international exchange and general directions for the maintenance of the code. The standard is intended for use in any application requiring expression of entities in coded form. The document is available from:
American National Standards Institute, Inc.
1430 Broadway
New York, New York 10018
- N405. Location Qualifier (Data Element #309)
NOT USED BY TI.
- N406. Location Identifier (Data Element #310)
NOT USED BY TI.
- NOTE:
1. N402 is required only if city name (N401) is in the USA or Canada.

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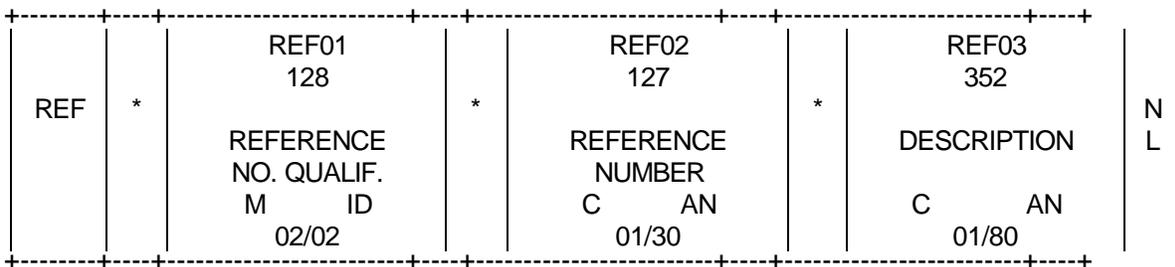
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.13 REF - Reference Numbers

Purpose: To transmit identifying numbers associated with the named party.

Spec: Optional Max Length = 119 Max Use = 12 Within N1 loop
Within PO1 loop

Diagram:



REF01. Reference Number Qualifier (Data Element #128)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This data element identifies the type of reference number contained in the Reference Number data element (REF02) or the description in the Description data element (REF03). The TI-recognized codes can be found in appendix A, ASC X12.

REF02. Reference Number (Data Element #127)

(Spec: Conditional Type = AN Min/Max = 01/30)

This data element is the reference number or identification code as defined for a particular line item. See Note 1.

REF03. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element contains a description to clarify the related data elements and their content. See Note 1.

NOTE:

1. Either REF02 or REF03 is required.

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PER03. Communication Number Qualifier (Data Element #365)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element identifies the type of communication number which follows. See Note 1. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

PER04. Communications Number (Data Element #364)

(Spec: Conditional Type = AN Min/Max = 07/21)

This data element contains the complete communications number including the country or area code when applicable. See Note 1.

PER05. Request Reference Number (Data Element #326)

NOT USED BY TI.

NOTE:

1. If PER03 is used - PER04 is required.

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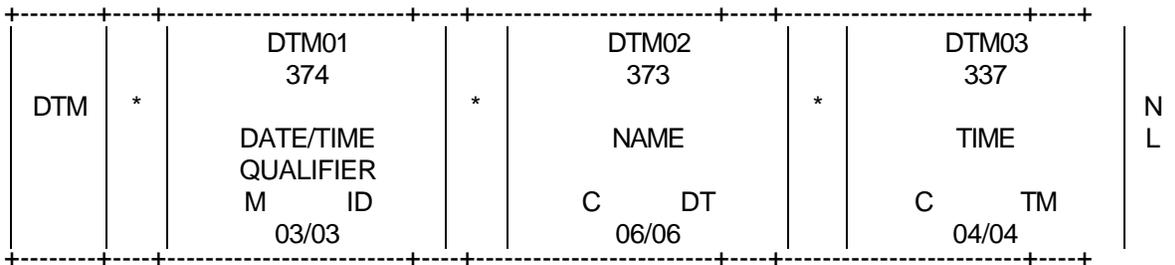
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.15 DTM - Date/Time Reference

Purpose: To specify pertinent dates and times.

Spec: Optional Max Length = 20 Max Use = 10 Within PO1 loop

Diagram:



DTM01. Date/Time Qualifier (Data Element #374)

(Spec: Mandatory Type = ID Min/Max = 03/03)

This data element identifies the type of date/time information that is to follow. The TI-recognized codes can be found in Appendix A, ASC X12.

DTM02. Date (Data Element #373)

(Spec: Conditional Type = DT Min/Max = 06/06)

This data element is the date associated with the Date/Time Qualifier (DTM01). See Note 1.

DTM03. Time (Data Element #337)

(Spec: Conditional Type = TM Min/Max = 04/04)

This data element is the time associated with the Date/Time Qualifier (DTM01). See Note 1.

NOTE:

1. Either DTM02 or DTM03 is required.

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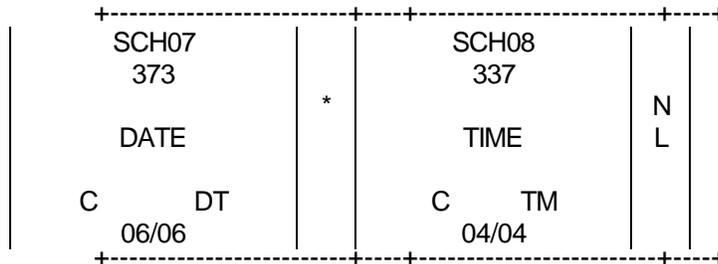
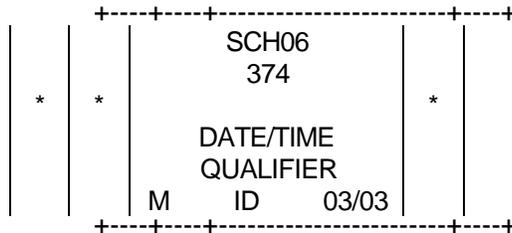
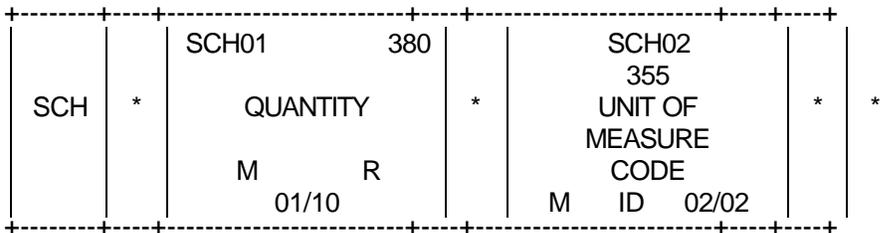
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.16 SCH - Line Item Schedule

Purpose: To specify the data for scheduling a specific line item. This segment will override the SHH segment in the header.

Spec: Optional Max Length = 154 Max Use = 104 Within PO1 loop

Diagram:



SCH01. Quantity (Data Element #380)

(Spec: Mandatory Type = R Min/Max = 01/10)

This data element contains the numeric value of the quantity. See Note 1.

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- SCH02. Unit of Measure Code (Data Element #355)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This code identifies the basic unit of measurement. See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.
- SCH03. Description (Data Element #352)
NOT USED BY TI.
- SCH04. Organization Identifier (Data Element #98)
NOT USED BY TI.
- SCH05. Name (Data Element #93)
NOT USED BY TI.
- SCH06. Date/Time Qualifier (Data Element #374)
(Spec: Mandatory Type = ID Min/Max = 03/03)
This data element identifies the type of date/time information that is to follow. The TI-recognized codes can be found in Appendix A, ASC X12.
- SCH07. Date (Data Element #373)
(Spec: Conditional Type = DT Min/Max = 06/06)
This data element is the date associated with the Date/Time Qualifier (SCH06).
- NOTE: THIS DATA ELEMENT IS MANDATORY FOR HARDWIRED EQUIPMENT PROCESSED THROUGH PICS/DCPR (BVAPP).

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SCH08. Time (Data Element #337)

(Spec: Conditional Type = TM Min/Max = 04/04)

This data element is the time associated with the Date/Time Qualifier (SCH06).

NOTES:

1. The Unit of Measure Code (SCH02) should always be the same as the Unit of Measure Code in the associated PO1 Segment (PO103), and the sum of the values of the Quantity (SCH01) should always equal the Quantity Ordered (PO102) in the PO1 Segment.

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FOB02. Transportation Responsibility Location Qualifier (Data Element #376)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element specifies the location at which responsibility for the shipment changes. See Notes 1 and 4. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
DE	Destination (Shipping)
OR	Origin (Shipping Point)

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12, data element list #309.

FOB03. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element describes the transportation responsibility as identified by the Transportation Location Qualifier (FOB02). See Notes 1 and 4.

FOB04. Trade Terms Qualifier (Data Element #334)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element contains a code used to describe transportation responsibility criteria. See Notes 2 and 4. The preferred TI-recognized code for this transaction is:

<u>CODE</u>	<u>DEFINITION</u>
02	TD C C List

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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FOB05. Trade Terms Code (Data Element #335)

(Spec: Conditional Type = ID Min/Max = 03/06)

This code indicates the trade terms which apply to the responsibility for shipment transportation. See Notes 2 and 4. The TI-recognized codes can be found in Appendix A, ASC X12.

FOB06. Title Passage Location Qualifier (Data Element #377)

(Spec: Optional Type = ID Min/Max = 02/02)

This data element identifies the location at which the title passes. See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12, data element list #309.

FOB07. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element contains a description of the specific location at which title to the shipment passes as indicated by Title Passage Location Qualifier (FOB06). See Note 3.

NOTES:

1. If FOB02 is used FOB03 is required.
2. If FOB04 is used FOB05 is required.
3. If FOB06 is used FOB07 is required.
4. FOB02, FOB03, FOB04, and FOB05 describe which party has the final responsibility for the cost of transportation and/or risk of loss while the material is in transit.

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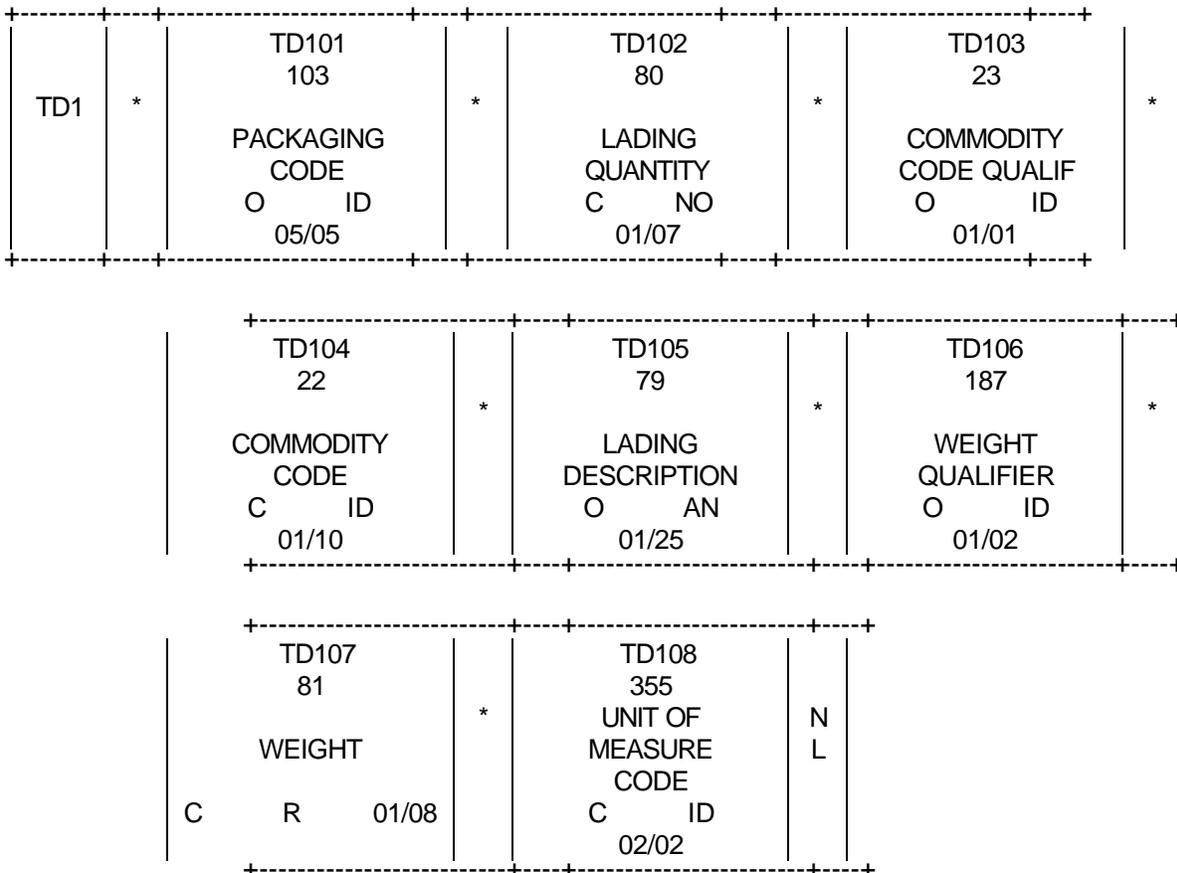
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.18 TD1 - Carrier Details (Quantity and Weight)

Purpose: To specify transportation details relative to commodity, weight and quantity.

Spec: Optional Max Length = 72 Max Use = 1 Within P01 loop

Diagram:



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- TD101. Packaging Code (Data Element #103)
(Spec: Optional Type = ID Min/Max = 05/05)
This data element is a two-part code identifying the type of packaging and material. See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD102. Lading Quantity (Data Element #80)
(Spec: Conditional Type = NO Min/Max = 01/07)
This data element contains the number of units (pieces) of the lading commodity. See Note 1.
- TD103. Commodity Code Qualifier (Data Element #23)
(Spec: Optional Type = ID Min/Max = 01/01)
This data element identifies the coding system used for the Commodity Code (TD104). See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD104. Commodity Code (Data Element #22)
(Spec: Conditional Type = ID Min/Max = 01/10)
This code describes a commodity or group of commodities as defined by the Commodity Code Qualifier (TD103). See Note 2. The reference to the documents for this data element can be found in Appendix A associated with Data Element 23.
- TD105. Lading Description (Data Element #79)
(Spec: Optional Type = AN Min/Max = 01/25)
This data element contains a free-form description of an item as required for rating and billing purposes.

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- TD106. Weight Qualifier (Data Element #187)
(Spec: Optional Type = ID Min/Max = 01/02)
This data element is a code that defines the type of weight. See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD107. Weight (Data Element #81)
(Spec: Conditional Type = R Min/Max = 01/08)
This data element contains the numeric value of the weight. See Note 3.
- TD108. Unit of Measure Code (Data Element #355)
(Spec: Conditional Type = ID Min/Max = 02/02)
This data element is a code identifying the basic unit of measurement for the Weight (TD107). See Note 3. The TI-recognized codes can be found in Appendix A, ASC X12.

NOTES:

1. If TD101 is used TD102 is required.
2. If TD103 is used TD104 is required.
3. If TD106 is used TD107 and TD108 are required.

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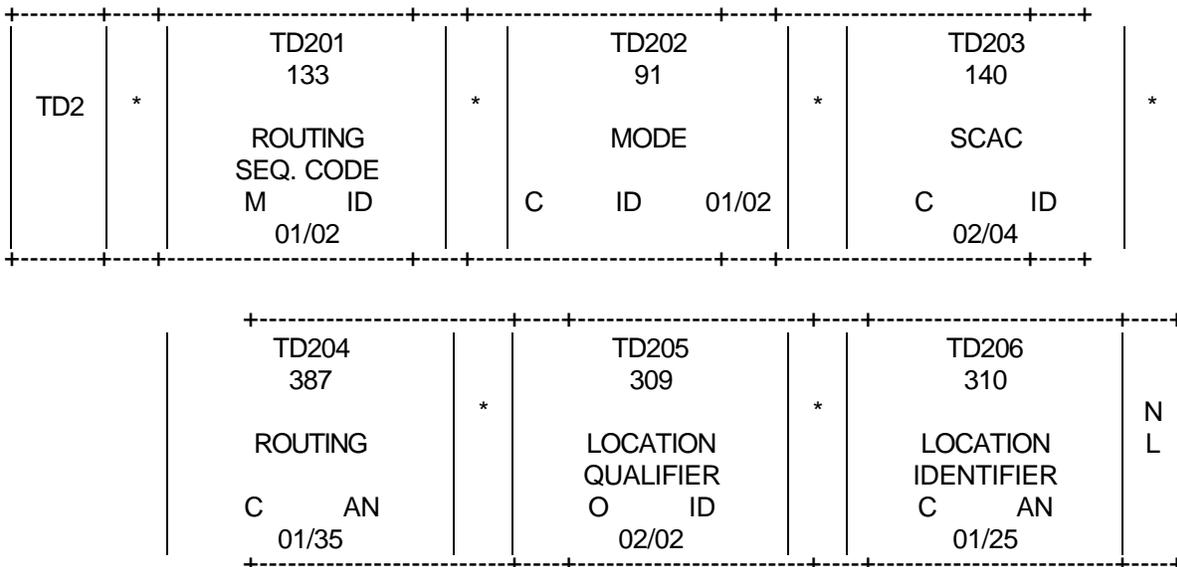
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.19 TD2 - Carrier Details (Routing)

Purpose: To specify the carrier and sequence of routing.

Spec: Optional Max Length = 80 Max Use = 12 Within PO1 loop

Diagram:



TD201. Routing Sequence Code (Data Element #133)

(Spec: Mandatory Type = ID Min/Max = 01/02)

This code describes the relationship of a carrier to a specific shipment movement. The TI-recognized codes can be found in Appendix A, ASC X12.

TD202. Mode (Data Element #91)

(Spec: Conditional Type = ID Min/Max = 01/02)

This code specifies the mode of transportation for the shipment. See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.

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TD203. SCAC (Data Element #140)

(Spec: Conditional Type = ID Min/Max = 02/04)

SCAC (Standard Carrier Alpha Code) is a unique two to four position code used as an abbreviation or to identify a particular carrier for transportation data processing purposes. See Note 1. The TI-recognized codes can be obtained from:

National Motor Freight Traffic Association, Inc.
1616 P Street, N.W.
Washington, DC 20036

TD204. Routing (Data Element #387)

(Spec: Conditional Type = AN Min/Max = 01/35)

This data element contains a free-form description of the routing or requested routing for shipment, or the originating carrier's name or code. See Note 1.

TD205. Location Qualifier (Data Element #309)

(Spec: Optional Type = ID Min/Max = 02/02)

This code identifies the type of Location Identifier contained in TD206. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.

TD206. Location Identifier (Data Element #310)

(Spec: Conditional Type = AN Min/Max = 01/25)

This data element is the specific geographic location. See Note 2.

NOTES:

1. Either TD202, TD203, or TD204 is required.
2. If TD205 is used TD206 is required.

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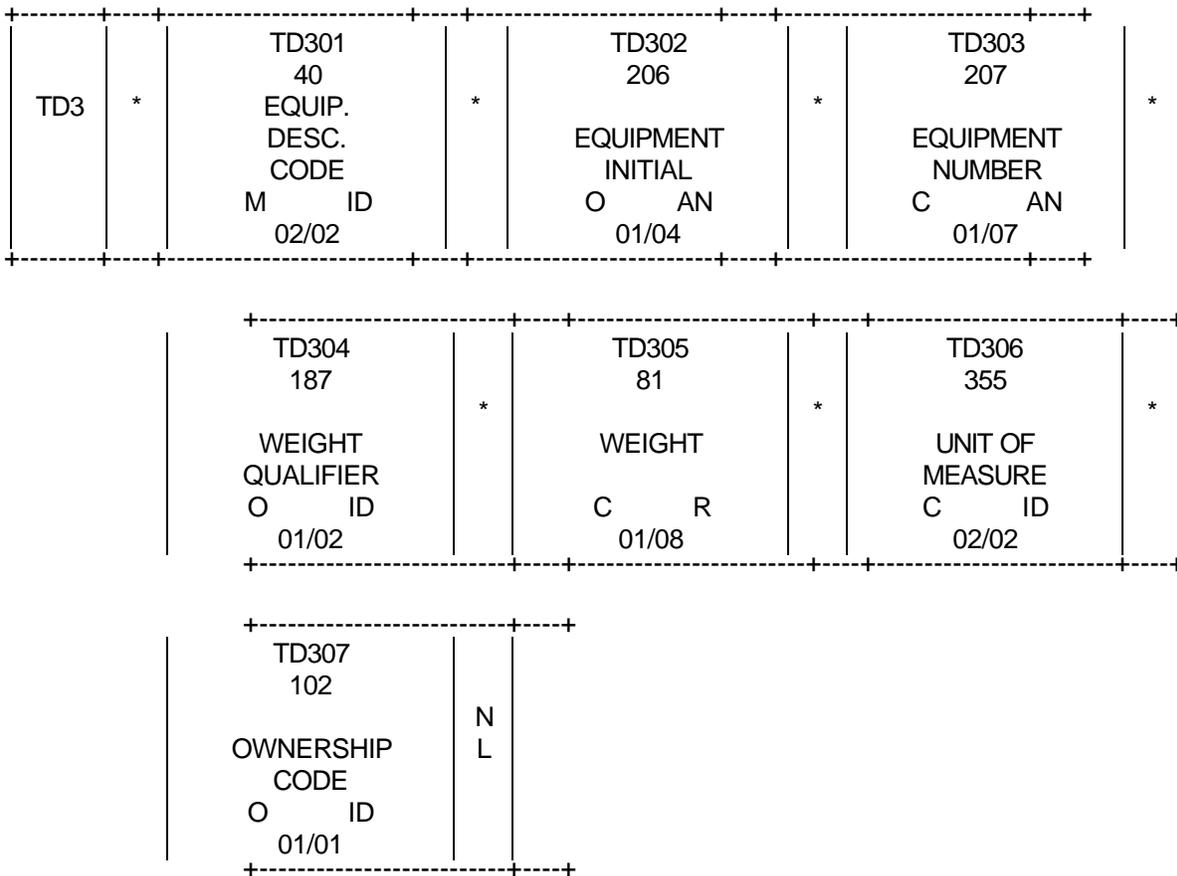
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.20 TD3 - Carrier Details (Equipment)

Purpose: To specify transportation details relating to the equipment used by the carrier

Spec: Optional Max Length = 37 Max Use = 12 Within PO1 loop

Diagram:



TD301. Equipment Description Code (Data Element #40)

(Spec: Mandatory Type = ID Min/Max = 02/02)

This code identifies the type of equipment to be used for the shipment. The TI-recognized codes can be found in Appendix A, ASC X12.

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- TD302. Equipment Initial (Data Element #206)
(Spec: Optional Type = AN Min/Max = 01/04)
This data element contains the prefix or alpha part of an equipment unit's identifying number. See Note 1. The TI-recognized codes can be obtained from:

International Air Transport Association
P.O. Box 315
1215 Geneva 15 Airport
Switzerland
- TD303. Equipment Number (Data Element #207)
(Spec: Conditional Type = AN Min/Max = 01/07)
This data element contains the sequencing or serial part of the equipment unit's identifying number (pure numeric form for equipment number is preferred). See Note 1.
- TD304. Weight Qualifier (Data Element #187)
(Spec: Optional Type = ID Min/Max = 01/02)
This data element contains a code that defines the type of weight. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- TD305. Weight (Data Element #81)
(Spec: Conditional Type = R Min/Max = 01/08)
This data element contains the numeric value of the weight. See Note 2.
- TD306. Unit of Measure Code (Data Element #355)
(Spec: Conditional Type = ID Min/Max = 02/02)
Unit of measure is a code identifying the basic unit of measurement. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.

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TD307. Ownership Code (Data Element #102)

(Spec: Optional Type = ID Min/Max = 01/01)

This code indicates the relationship of the equipment to the carrier. The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
N	Not Customer Owned or Leased
R	Seller Owned, Returnable
S	Customer Owned or Leased
T	Trip Leased

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

NOTES:

1. If TD302 is used TD303 is required.
2. If TD304 is used TD305 and TD306 are required.

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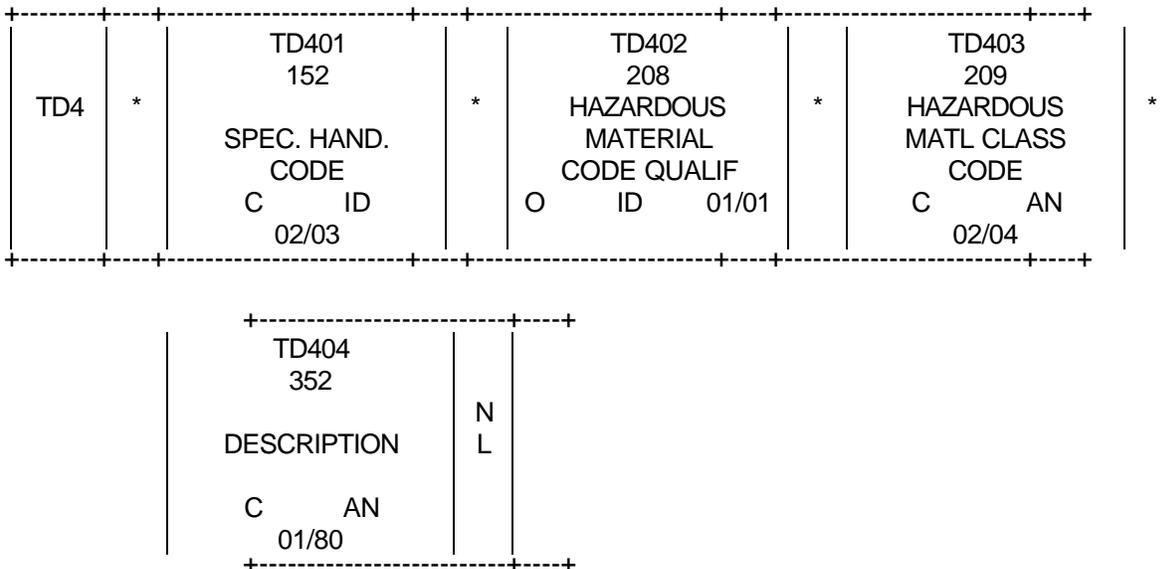
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.21 TD4 - Carrier Details (Special Handling/Hazardous Material)

Purpose: To specify transportation special handling requirements and hazardous materials information.

Spec: Optional Max Length = 96 Max Use = 5 Within PO1 loop

Diagram:



TD401. Special Handling Code (Data Element #152)

(Spec: Conditional Type = ID Min/Max = 02/03)

This code specifies special transportation handling instructions. See Note 1.
 The TI-recognized codes can be found in Appendix A, ASC X12.

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TD402. Hazardous Material Code Qualifier (Data Element #208)

(Spec: Optional Type = ID Min/Max = 01/01)

This code qualifies the Hazardous Material Class Code (TD403). See Note 2.
The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
4	46 Level DOT Code
6	Airline Tariff 6D
9	49 Level Code
A	ICAO Code
I	IMO Code (Intergovernmental Maritime Consultative Organization)
R	BOE 6000-A (Rail)
U	United Nations

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

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TD403. Hazardous Material Class Code (Data Element #209)

(Spec: Conditional Type = AN Min/Max = 02/04)

This specifies the kind of hazard for the material. See Note 2. The following documents contain these codes:

Hazardous Material Code (49 Level)

Presently being developed by the Association of American Railroads.

Tariff 6D - Official Air Transport Regulations on Restricted Articles
Airline Tariff Publishing Co.

Dulles Airport
Washington, DC

Dangerous Goods Code

Inter-governmental Maritime Consultative Organization (IMCO)
101-104 Picadilly
London W1 VOAE
England

IATA Restricted Articles Regulations
International Air Transport Association
P.O. Box 315
1215 Geneva 15 Airport
Switzerland

TD404. Description (Data Element #352)

(Spec: Conditional Type = AN Min/Max = 01/80)

This data element contains a free-form description to clarify the related data elements and their content. See Note 1.

NOTES:

1. Either TD401 or TD404 is required.
2. If TD402 is used TD403 is required.

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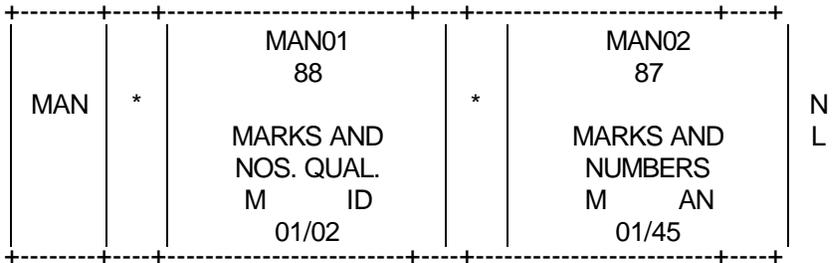
PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.22 MAN - Marks and Numbers

Purpose: To indicate identifying marks and numbers for shipping containers.

Spec: Optional Max Length = 53 Max Use = 10 Within PO1 loop

Diagram:



MAN01. Marks and Numbers Qualifier (Data Element #88)

(Spec: Mandatory Type = ID Min/Max = 01/02)

This code specifies the application or source of the Marks and Numbers (MAN02). The preferred TI-recognized codes for this transaction are:

<u>CODE</u>	<u>DEFINITION</u>
PB	Premarked by Buyer
SM	Shipper Assigned

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

MAN02. Marks and Numbers (Data Element #87)

(Spec: Mandatory Type = AN Min/Max = 01/45)

This data element contains the marks and numbers used to identify a shipment or parts of a shipment.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

5.23 ACK - Line Item Acknowledgments

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item. This segment should be used to show changes in dates and product.

Spec: Optional Max Length = 418 Max Use = 104 PO1 loop end, if used

PICS/DCPR (BVAPP) USES THE ADDITIONAL LINE ITEM DETAIL SEGMENT (PO3) TO APPLY PRICE AND QUANTITY CHANGES.

Diagram:

ACK	*	ACK01 668	*	ACK02 380	*	ACK03 355	*
		LINE ITEM STATUS CODE		QUANTITY		UNIT OF MEASURE CODE	
		M ID		O R 01/10		C ID	
		02/02				02/02	

ACK04 374	*	ACK05 373	*	ACK06 326	*
DATE/TIME QUALIFIER		DATE		REQUEST REF NUMBER	
O ID		C DT		O AN	
03/03		06/06		01/45	

ACK07 235	*	ACK08 234
PRODUCT ID QUAL.		PRODUCT ID
O ID		C AN
02/02		01/30

*	ACKxx 235	*	ACKyy 234	N L
	PRODUCT ID QUAL.		PRODUCT ID	

		O	ID			C	AN		
		02/02				01/30			

-----+

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- ACK01. Line Item Status Code (Data Element # 668)
(Spec: Mandatory Type = ID Min/Max = 02/02)
This code identifies the action taken by the seller on a line item requested by the buyer. The TI-recognized codes can be found in Appendix A, ASC X12.
- ACK02. Quantity (Data Element #380)
(Spec: Optional Type = R Min/Max = 01/10)
This is the numeric value of the quantity. See Note 1.
- ACK03. Unit of Measure Code (Data Element #355)
(Spec: Conditional Type = ID Min/Max = 02/02)
This code identifies the basic unit of measurement of the Quantity (ACK02). See Note 1. The TI-recognized codes can be found in Appendix A, ASC X12.
- ACK04. Date/Time Qualifier (Data Element #374)
(Spec: Optional Type = ID Min/Max = 03/03)
This data element identifies the type of date/time information that is to follow. See Note 2. The TI-recognized codes can be found in Appendix A, ASC X12.
- ACK05. Date (Data Element #373)
(Spec: Conditional Type = DT Min/Max = 06/06)
This data element is the date associated with the Date/Time Qualifier (ACK04). See Note 2.

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ACK06. Request Reference Number (Data Element #326)

(Spec: Optional Type = AN Min/Max = 01/45)

This data element contains a reference number identifying a particular transaction set.

ACK07. Product I.D. Qualifier (Data Element #235)

(Spec: Optional Type = ID Min/Max = 02/02)

This qualifier identifies the type or source of the descriptive information being provided in the Product I.D. (ACK08). See Notes 3, 4, and 5. The preferred TI-recognized codes for this transaction are:

"CI" - CLEI™ (COMMON LANGUAGE® Equipment Identifier) is an alphanumeric code describing a unique equipment item (10 characters) or a group of related equipment items (7 characters). The Language Standards Division of Bell Communications Research, Inc. controls the assignment of these codes. CI is an approved ANSI code and will be published in the next release.

"CR" - Contract Number is an alphanumeric code that specifies the purchase agreement between the trading partners.

"CT" - Continuation of the Part Number, used when the part number exceeds 30 characters.

"IN" - Buyer's Item number is the Customer's Standard Supply Item Number used in the internal systems.

"MF" - Manufacturer is an alphanumeric code that specifies the manufacturer of the equipment. THIS QUALIFIER REQUIRED FOR PURCHASE OF MATERIAL CODED AS BASIC UNIT AND PART NUMBER.

"PN" - Company Part Number is a alphanumeric code which qualifies the basic unit to uniquely identify a specific piece of the vendor's equipment.

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"RD" - Reel Number to be specified by the customer when ordering cable. A customer reel number can be provided and used or the vendor can assign a number so that the trading partners can maintain reel inventories and audit the return of non-billable reels to the vendor.

"SV" - Service Rendered specifies a non-material charge such as engineering or installation. WHEN THE PRODUCT ID QUALIFIER EQUALS SV, THE VALID BILLING CATEGORIES MAY BE FOUND IN THE TABLE LABELED 'BILLING CATEGORIES' .

"UP" - Universal Product Code (UPC) (Full 11 Digit No.) is a common code used by the vendor and the customer to eliminate the necessity of descriptions. The codes are administrated by:

Uniform Product Council
7051 Corporate Way
Dayton, Ohio 45459

"VN" - Vendor's Item Number is an alphanumeric code that the vendor uses to identify the material ordered. This is the number that appears in the vendor's catalog.

"VO" - Vendor Order Number is a number assigned by the vendor to all or part of a Customer order. The use of the vendor order number is at the vendor's discretion, as long as the use is consistent for the same items on all related transaction sets.

"VS" - Vendor's Supplemental Item Number is an alphanumeric point item number used to subdivide a grouping of related pieces of equipment into separately orderable entities. It is also used for substitution items.

"VU" - Vendor's Basic Unit Number is an alphanumeric code which defines a family of related equipment items.

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"VX" - Vendor Specification Number is a number assigned by the customer engineer or the vendor engineer, depending on who engineered the order, to all or part of the customer order. An engineer will usually use this data element to subdivide an order. The use of the vendor specification number is at the vendor's discretion for vendor engineered jobs, as long as the use is consistent for the same items on all related transaction sets.

A complete list of the TI-recognized codes can be found in Appendix A, ASC X12.

ACK08. Product I.D. (Data Element #234)

(Spec: Conditional Type = AN Min/Max = 1/30)

This data element identifies the number for a product or service. See Notes 3, 4, and 5.

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PURCHASE ORDER ACKNOWLEDGMENT DETAIL SEGMENTS (Continued)

NOTES:

1. If ACK02 is used ACK03 is required.
2. If ACK04 is used ACK05 is required.
3. If ACK07 is used ACK08 is required.
4. The Product I.D. Qualifier (ACK07)/Product I.D. (ACK08) combination can occur a total of ten times. All notes that are applicable to ACK07 and ACK08 apply.
5. If this segment is being used to modify a previous SLN segment, 'ZZ' should be used in the Product I.D. Qualifier (ACK07) and the Subline Number should be in the Product I.D. (ACK08). The next nine combinations of Product I.D. Qualifier and Product I.D. will contain the new data.

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PURCHASE ORDER ACKNOWLEDGMENT SUMMARY SEGMENTS

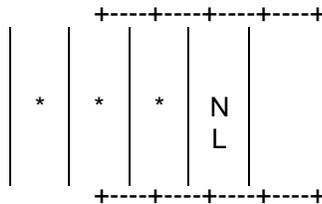
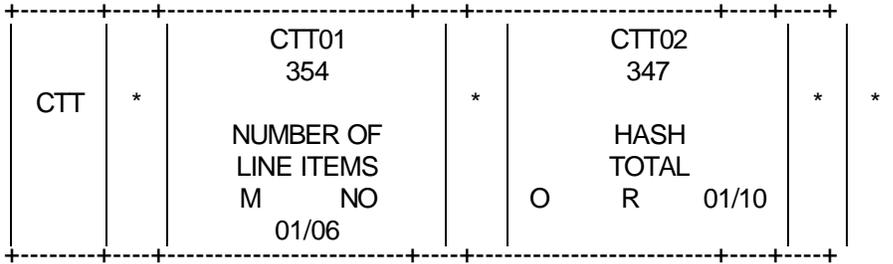
6. Purchase Order Acknowledgment Summary Segments

6.1 CTT - Transaction Totals

Purpose: To provide hash totals to validate transaction completeness and correctness.

Spec: Mandatory Max Length = 127 Max Use = 1

Diagram:



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- CTT01. Number of Line Items (Data Element #354)
(Spec: Mandatory Type = NO Min/Max = 01/06)
This data element identifies the total number of line items (PO1 segments) in the transaction set.
- CTT02. Hash Total (Data Element #347)
(Spec: Optional Type = R Min/Max = 01/10)
This data element contains the total of the Quantity Ordered (PO102) for all the Baseline Item Data Segments contained in the transaction set.
- CTT03. Weight (Data Element #81)
NOT USED BY TI.
- CTT04. Unit of Measure Code (Data Element #355)
NOT USED BY TI.
- CTT05. Volume (Data Element #183)
NOT USED BY TI.
- CTT06. Unit of Measure Code (Data Element #355)
NOT USED BY TI.
- CTT07. Description (Data Element #352)
NOT USED BY TI.

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7. References

7.1 Publication References

Telecommunications Industry Forum Guidelines - Issue 1

ASC X12 Version 2, Release 1

BR 756-120-098, Issue 1, dated August 1989, "BVAPP EDI DATA ELEMENT JOB AID"

7.2 Ordering Information

All documents are subject to change and their citation in this document reflects the most current information available at the time of printing. Readers are advised to check status and availability of all documents.

Those who are not QWEST employees may order;

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