DIMENSION® PBX

INTERFACE FOR LONG DISTANCE BILLING CONNECTION
FOR
FEATURE PACKAGE NO. 9

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1. GENERAL

1.1 This section provides calling information for long distance billing feature on Feature Package 9.

1.2 The interface for long distance billing feature requires an LC34B data channel, a data set 108F (or Data Auxiliary Set 830A equipped with a data set 108D), and a peripheral interface circuit (PIC) for connection to the TSPS Auto-Quote system.

2. DOCUMENTATION

2.1 Customer Order Document (COD)

*BSP Section 591-816-200 (Private Line Station Arrangements Using Data Auxiliary Sets 830A and 830B with Data Sets 108 - and 109 - Type - Installation and Connections)

*BSP Section 591-818-200 (Private Line Station Arrangements Using Data Sets 108F and 108G with Data Auxiliary Sets 830B and 830 C - Installation and Connections)

* For reference only, procure the BSP's locally as needed.

PRIVATE

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3.   EQUIPMENT

3.1

QTY	CODE	DESCRIPTION
1	108F	Data Set (or Auxiliary Data Set 830A E/W Data Set 108D)
1	J58882GA	Peripheral Interface Circuit (PIC)
1	KS-21239 L4 or 5	Transformer (for 108F Data Set)
1	M25A	Cord
2	D4BT	Mounting Cord (for 108F Data Set)
1	D4BT	Mounting Cord (for DAS 830A)
1	PM-CA-01	Cable

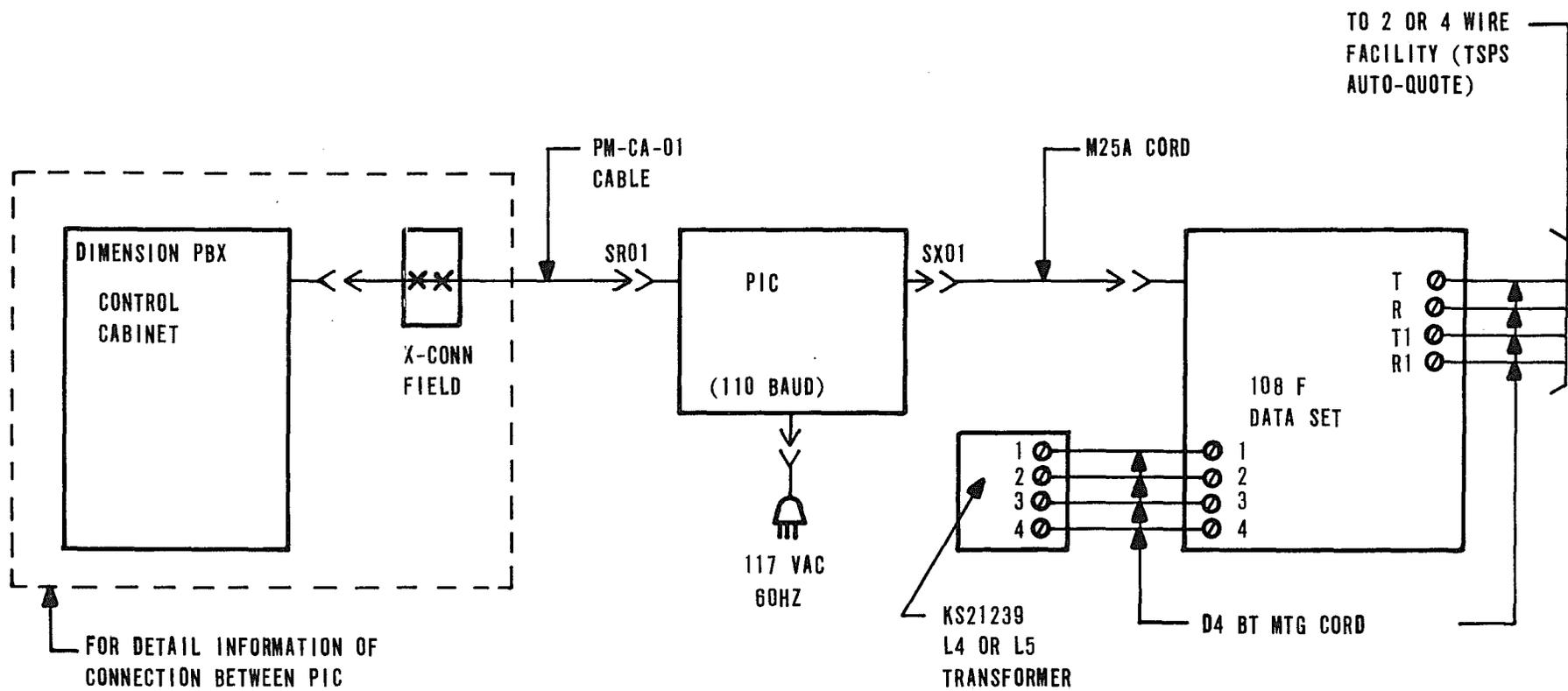## 4.   PROCEDURE

4.1   Data Set 108F Connection

4.1.1   Cross-connect PIC to DIMENSION® PBX.

4.1.2   Connect PIC to DS108F, KS-21239 (L4 or L5) Transformer to DS108F, and DS108F to C0 per Figure 1.

4.1.3   Set option switch on HN9 circuit pack of PIC to 110 baud (closing switch 5).
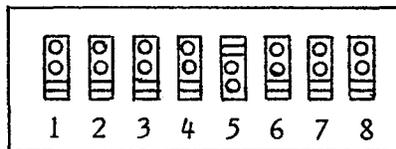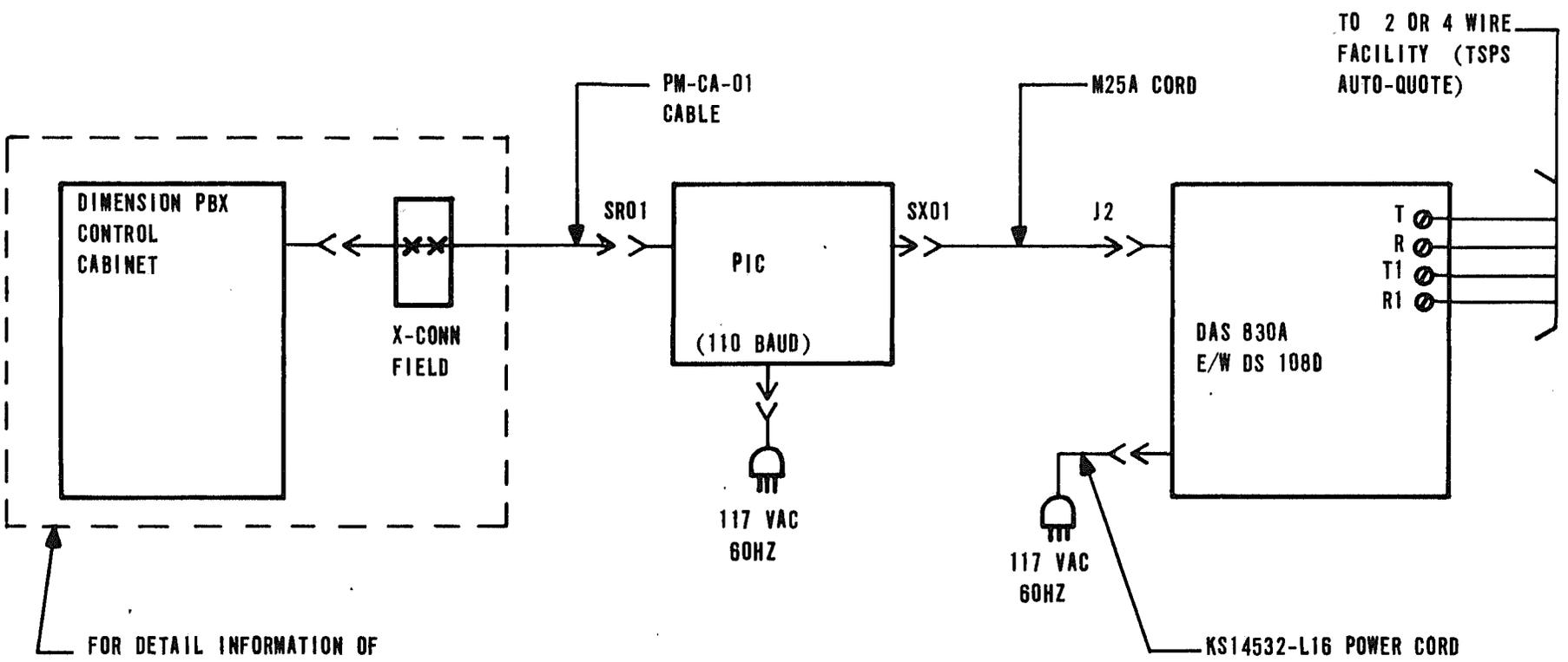

Switch 5 is closed for 110 baud

4.1.4   Verify that option switches on DS108F have been set properly by the responsible telco data set personnel (see BSP 591-818-200 for reference as needed).

4.1.5   Apply power to both PIC and data set.

4.2   Data Auxiliary Set 830A E/W 108D Data Set Connection

4.2.1   Cross-connect PIC to DIMENSION® PBX.

4.2.2   Connect PIC to DAS 830A, and DAS 830A to C0 per Figure 2.

4.2.3   Set option switch on HN9 circuit pack of PIC to 110 baud (see step 4.1.3).

4.2.4   Verify that option switches on DS830A and DS108D have been set properly
         by the responsible telco data set personnel (see BSP 591-816-200 for reference
         as needed).

4.2.5   Apply power to both PIC and data set.

TO 2 OR 4 WIRE
FACILITY (TSPS
AUTO-QUOTE)

PM-CA-01
CABLE

M25A CORD

DIMENSION PBX

CONTROL
CABINET

X-CONN
FIELD

SR01

PIC

(110 BAUD)

SX01

117 VAC
60HZ

1
2
3
4

KS21239
L4 OR L5
TRANSFORMER

1
2
3
4

D4 BT MTG CORD

108 F
DATA SET

T
R
T1
R1

FOR DETAIL INFORMATION OF
CONNECTION BETWEEN PIC
& DIMENSION PBX, SEE
PIC X-CONNECT SECTION

LONG DISTANCE BILLING CONNECTION
USING DATA SET 108F
FIG. 1

TO 2 OR 4 WIRE
FACILITY (TSPS
AUTO-QUOTE)

PM-CA-01
CABLE

M25A CORD

DIMENSION PBX
CONTROL
CABINET

X-CONN
FIELD

SR01

PIC

(110 BAUD)

SX01

J2

DAS 830A
E/W DS 108D

T
R
T1
R1

117 VAC
60HZ

117 VAC
60HZ

KS14532-L16 POWER CORD

FOR DETAIL INFORMATION OF
CONNECTION BETWEEN PIC
& DIMENSION PBX, SEE
PIC X-CONNECT SECTION

LONG DISTANCE BILLING CONNECTION
USING DATA AUXILIARY SET 830A E/W DATA SET 108D
FIG. 2

Reason for issue:
New section

Manager, Denver PBX PECC