DIMENSION® PBX
PROPERTY MANAGEMENT SYSTEMS (PMS)
INTERFACE CONNECTIONS

CONTENTS

1. REQUIREMENTS

1.1 With new vendors, the PBX should be cut into service and fully accepted by the customer before the PBX PMS feature is activated. A "new vendor" is defined as a supplier whose PMS system has never been interfaced to a DIMENSION® PBX before. Consult the Telco to determine whether or not this is a new vendor's system.

1.2 The DIMENSION PMS feature can be activated/deactivated via MAAP PROC 279, wd 1 (field 9). Note that fields 5, 7, 8, and 14 must not contain a "2" when PMS is deactivated.

2. GENERAL

2.1 This section describes the hardware connection of the PMS interface between the customer's PMS equipment and the DIMENSION PBX.

2.2 Because we are dealing with two differing systems, each of which has its own processing unit, data base, and software, the compatibility of the PBX to the customer's property management system must be verified. Otherwise, incorrect communication between the two systems could lead to embarrassing situations between the customer and his clientele.

3. DOCUMENTATION

3.1 Helpful references include:

1) Technical Reference PUB 42707
2) BSP #554-191-238 (PMS)
3) BSP #554-010-102 (PIC)

4. PROCEDURE

4.1 Read step 1.1 on "requirements".

4.2 Verify circuit pack DIP socket has been set for the correct data speed (185 KHz):

4.2.1 Call in PROC 253 on the Maintenance and Administration Panel (MAAP). Enter 1,0 in field 1 and do a DISPLAY, EXECUTE. The CAR/SLOT/CKT location of the PMS data channel will be displayed.

4.2.2 Remove the ckt pack found in step 4.2.1. This pack will be either a LC34B or a LC366, depending on the carrier design. In any case, verify that the DIP socket for the ckt used by PMS is set for slow speed operation (185 KHz) by referring to section 10T in Handbook 281 which describes ckt pack options.

Note: If the PMS interface is using ckt 1, 2, or 3 of a LC366 pack, the data channel speed is correct and step 4.2.2 is unnecessary.

4.2.3 Insert ckt pack back into its proper location in cabinet.

4.3 Determine location of the Peripheral Interface Circuit (PIC) used for the PMS data link:

4.3.1 Maximum permissible distance between PBX and PIC is 1000 feet, unless repeaters are used. Refer to section 250.20 (Data Channel Repeater connection) of this handbook, if necessary.

4.3.2 Maximum distance between PIC and customer's PMS connection is 50 feet.

4.3.3 The PIC is designed to be table mounted.

4.4 Select baud rate on PIC and connect to PBX:

4.4.1 Section 250.32 of this handbook describes how to select the baud rate on a PIC (1200 baud for PMS) and also tells how to connect the PIC to the PBX.

4.5 Connet PIC to PMS:

4.5.1 Use a DB-25-S cable (25 pin, full duplex, E1A RS-232C-D type) to connect the PIC (via the SX02 connector) to the PMS equipment. This cable may be supplied by the vendor.

4. PROCEDURE (Cont'd)

4.6 Setup of maid dialed access codes:

4.6.1 MAAP PROC 010, word 1, assigns "HM Room" which designates a room as one that is included in the Room Status and Selection feature. PROC 010 also assigns an extension as one from which the status of any room can be changed by dialing the maid Dial Access Codes.

4.6.2 PROC 350, word 2, is used to assign Dial Access Codes used in the housekeeping feature.

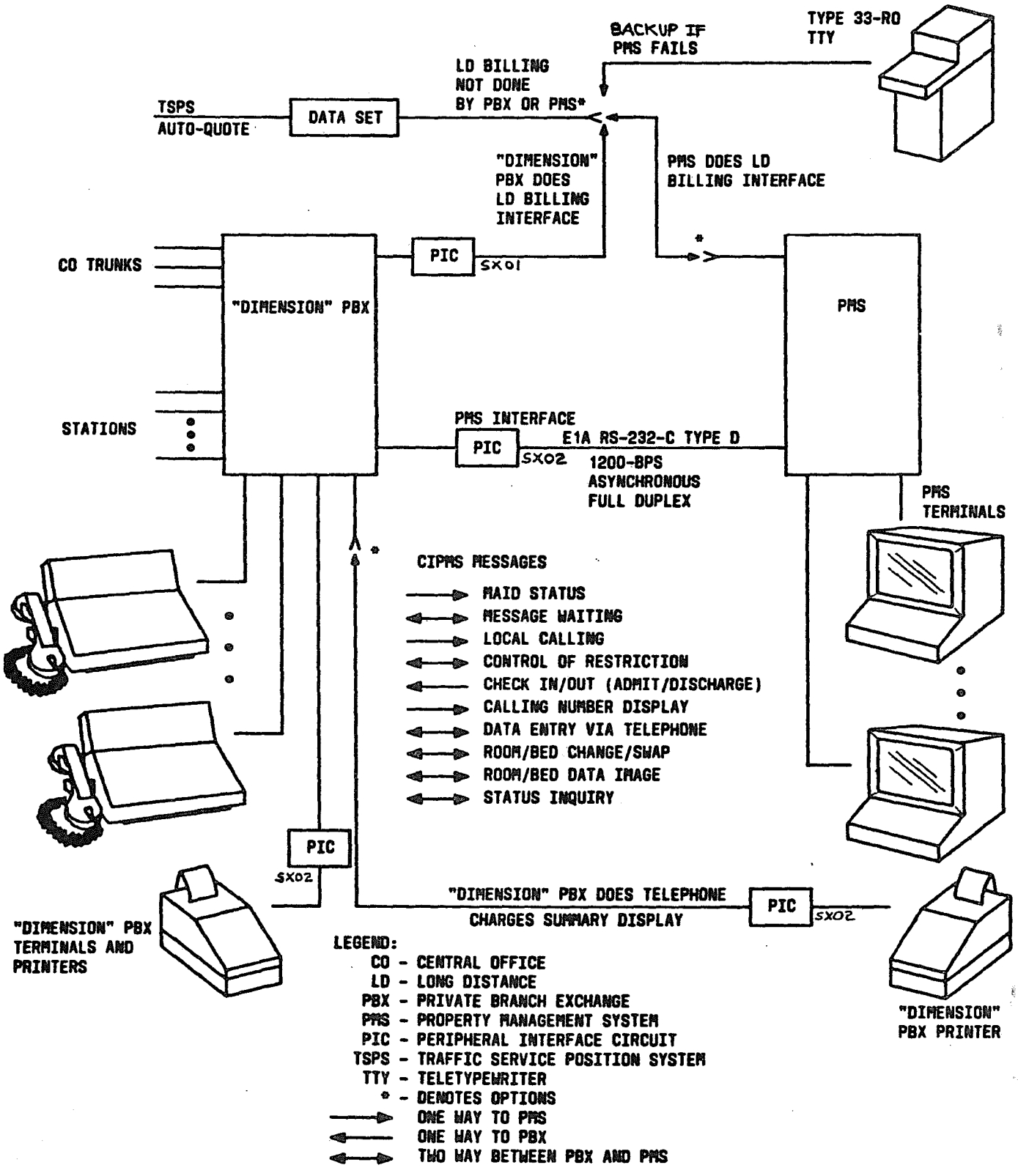
4.6.3 PROC 220 assigns a printer to be used for PMS.

4.7 Optional equipment setup:

4.7.1 Refer to section 250.30 of this handbook for Long Distance Billing connection.

4.7.2 Refer to section 250.29 for Local Call Billing setup.

4.7.3 Refer to section 250.28 for Printer connection.



PMS Interface Configuration

Reason for Issue:
New Section

Manager, Denver PBX PECC