

DIMENSION® PBX
INTERFACE FOR LONG DISTANCE BILLING TEST
FOR
FEATURE PACKAGE NO. 9

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1. GENERAL

- 1.1 This section describes the test to be performed whenever long distance call billing via DIMENSION® PBX with FP#9 is provided. (This section does not cover test procedure when long distance call billing is provided by the PMS).
- 1.2 The interface for long distance billing feature allows selected long distance billing information, transmitted to the hotel/motel via the Traffic Service Position System (TSPS) Auto-Quote data channel, to be stored in the PBX memory. This billing information can then be displayed on the hotel/motel console/terminal or printed on demand and on checkout, giving up-to-the-minute billing on long distance calls placed by guests. Taxes and surcharges are automatically calculated.

The interface for long distance billing feature can only be provided at installations equipped with TSPS Auto-Quote service. The TSPS Auto-Quote service automatically provides long distance billing information to the DIMENSION® PBX via a dedicated data channel. When the interface for long distance billing feature is provided, the PBX stores the information, performs the necessary (tax and surcharge) calculations and long distance call billing functions, and maintains a current audit trail printout of all long distance call activity. A dedicated journal printer is required to serve as the long distance billing audit trail printer.

2. RECORDS

- 2.1 Form SD-97-1313 is required for recording the results of these tests.

PRIVATE

THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED BELL SYSTEM EMPLOYEES.

3. DOCUMENTATION

3.1 Customer Order Documentation (COD)

*BSP Section 591-816-200

*BSP Section 591-818-200

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

4. TEST EQUIPMENT

<u>QTY</u>	<u>CODE</u>	<u>DESCRIPTION</u>
1	500 or 2500	Telephone Set
1	249A	Adapter

5. PREPARATION

5.1 Insure that all connections among DIMENSION® PBX, PIC, data set, and CO have been done; optional switches on PIC and data set have been set properly; and the dedicated long distance billing journal printer has been connected properly. (See HB 282, Section 250.28 and Section 250.30).

5.2 Apply power, if not yet on, to PIC and data set.

5.3 Insure that all preoperative adjustments and tests have been made by the responsible telco data set personnel. (See BSP 591-816-200 and BSP 591-818-200 for reference if needed).

5.4 Insure that the data set passes PROC 530 Test 4 test (Note: PIC must first be busied-out before Test 4 can be run).

5.5 Connect a telephone set, with 249A Adapter, to a test station (a H/M station, not an administrative station) to be used to make long distance test calls. Contact local telco to provide the test station at the DIMENSION® PBX so that the actual long distance billing charge can be handled properly.

5.6 Using OP Code 1, check in the test station.

5.7 Cross-connect a CO trunk to the CO to be used by the H/M test station for making long distance call.

6. PROCEDURE

6.1 Request a test message from the serving TSPS office.

6.1.1 The response on the dedicated journal printer (on a TTY model 43) is:

```
"THE QUICK BROWN FOX JUMPED OVER THE LAZY DOGS. $:-'01234567890*
**BILLING ERROR
**MESSAGE NOT VALID
**BILL MANUALLY
END
```

(Note: When VICTOR printer is used, the width of the test message is narrower; however, the content of the printout is the same).

- 6.2 From the test station, originate an interstate (out-of-state) long distance call. Upon the completion of the test call, one of the following typical messages (on a TTY Model 43) will be printed on the dedicated journal printer:

Example 1* (Federal tax is included in the charges transmitted by TSPS Auto-Quote):

```
004A HIN 10/15 2015 13:47 0001 $002.15 212-936-1212
TOTAL $02.15
END
```

Example 2* (Federal tax is calculated by DIMENSION® PBX);

```
004A HIN 10/15 2015 13:50 0001 $001.95 212-936-1212
FED TAX = $00.20
TOTAL $02.15
END
```

- 6.3 From the test station, originate an intrastate (within the state) long distance call. Upon the completion of the test call, a typical message (on a TTY Model 43) will be printed on the dedicated journal printer:

Example 3*

```
011A HIN 10/15 2015 13:55 0001 $001.85 542-3120
F, S&L TAX = $00.28 SVC = 0.25
TOTAL $02.38
END
```

* Definition of Message Format for Examples 1, 2, & 3:

First Line (Examples 1, 2, & 3):

TS Message Number	PS ID	H/M of Call	Date of Call	Room Number	Time of Call	Call Duration (in minutes)	TS Charge	Called Number
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Second Line (Example 3):

Federal, State and Local Taxes Charged for Call	Intrastate Service Charge
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Third Line (Examples 2 & 3):

Total Charge (Line 1 & Line 2)

Reason for issue:
New section

Manager, Denver PBX PECC