

DIMENSION® PBX
FEATURE TEST
HOUSEKEEPING EXTENSION
FOR
FEATURE PACKAGE NO. 9

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1. GENERAL

- 1.1 This section describes the tests to be performed whenever housekeeper station is provided.
- 1.2 Housekeeper station is part of the room status and selection feature in FP #9.
- 1.3 Housekeeper station can:
- A) Activate and cancel the maid status audit.
 - B) Activate and cancel the vacant - needs cleaning audit.
 - C) Initiate a room summary report.
 - D) Initiate a needs cleaning report.
 - E) Initiate a needs inspection report.
 - F) Initiate a maid-in-room report.
 - G) Initiate a room status report.
 - H) Cancel an active report (stop all reports).
- 1.4 When a PMS is performing the room status and selection feature, a housekeeper station and its associated printer may not be required at the Dimension PBX.

PRIVATE

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

2. RECORDS

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

3. TEST EQUIPMENT

3.1	<u>QTY</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
	2	500 D or 2500 D	Telephone set (use rotary or TT phone set per line class-of-service of housekeeper and guest room phones).
	2	249A	Adapter

4. DOCUMENTATION

4.1 Sections of the job COD:

4.1.1 System and Feature Summary

4.1.2 First Digit Assignment

4.1.3 Station Line Assignments

4.1.4 Class of Service Assignments

4.1.5 Trunk and Feature Dial Code Summary

4.1.6 Journal Printer Assignments

4.2 BSP 999-200-183 How to Operate Hospitality Communication System (Reference only)

4.3 BSP 999-200-187 Hospitality Communication System Application Information (Reference only)

5. PREPARATION

5.1 From the Trunk and Feature Dial Code Summary of the job COD, obtain the following dial access codes for the housekeeper station:

<u>DESCRIPTION</u>	<u>MAAP FEATURE TYPE</u>	<u>DIAL ACCESS CODE</u>
Maid Status Audit		80
Vacant-Needs Cleaning Audit		81
Room Summary Report		82
Needs Cleaning Report		83
Needs Inspection Report		84
Maid-in-Room Report		85

5.1 (cont'd.)

<u>DESCRIPTION</u>	<u>MAAP FEATURE TYPE</u>	<u>DIAL ACCESS CODE</u>
Room Status Report	86	
Cancel Maid Status Audit	87	
Cancel Vacant - Needs Cleaning Audit	88	
Cancel Active Report	89	

5.2 From the First Digit Assignment, determine whether the end of dial code (#) and/or time-out has been assigned to the housekeeper station.

5.3 Insure that an attendant or station console/terminal has been connected to the Dimension PBX.

5.4 Insure that the journal (audit trail) printer associated with the housekeeper station has been cross-connected.

6. TEST PROCEDURE

6.1 Test Cancel Maid Status Audit

At the housekeeper phone, dial the cancel maid status audit dial access code (if required, dial the end of dial code, #, or wait for the time-out, 4 to 6 seconds). Confirmation is heard at the housekeeper phone. If the maid audit trail was on, the "MAID AUDIT TRAIL OFF" message will be printed on the audit trail printer. Return the housekeeper phone to the on-hook state.

6.2 Test Cancel Vacant-Needs Cleaning Audit

At the housekeeper phone, dial the cancel vacant - needs cleaning audit dial access code (if required, dial the end of dial code, #, or wait for the time-out, 4 to 6 seconds). Confirmation tone is heard at the housekeeper phone. If the maid audit trail was on, the "VANC AUDIT TRAIL OFF" message will be printed on the audit trail printer. Return the housekeeper phone to the on-hook state.

6.3 Test Room Summary Report

At the housekeeper phone, dial the room summary report dial access code (if required, dial the end of dial code, #, or wait for the time-out, 4 to 6 seconds). Confirmation is heard at the housekeeper phone. An example of this report is shown below:

6.3 (cont'd.)

ROOM SUMMARY REPORT
10/01/79 08:45 P-02

TYPE	RDY	VAC	OCC	BLOC
01	0000	0000	0036	0000
02	0000	0000	0043	0000
03	0000	0000	0004	0000
04	0000	0000	0002	0000
05	0000	0000	0005	0000
06	0000	0000	0004	0000
07	0000	0000	0004	0000
08	0000	0000	0004	0000
09	0000	0000	0004	0000
20	0000	0000	0500	0000
TOTALS		0000	0606	0000
END				

- NOTE: TYPE - The room TYPE is identical to line class of service. Any class of service (Procedure 010) with the guest room bit set and at least one extension assigned in that class of service will be printed in this report. 20 is the maximum room type allowed.
- RDY - Those vacant rooms clean and ready for sale.
- VAC - Those vacant rooms that are not ready.
- OCC - All occupied rooms. (After a system has been reloaded with the power down procedure - turning off and on on the AC INPUT circuit breaker of the rectifier, all guest rooms will be set in the occupied - needs cleaning state (OCNC).)
- BLOC - Rooms that have been blocked out of the vacant/occupied set of rooms.

- 6.4 The housekeeper can use the following operational procedures (steps 6.4.1 thru 6.4.6) for requesting need cleaning report, need inspection report, maid-in-room report, or room status report.
- 6.4.1 At the housekeeper phone, go off-hook and dial the dial code access for the desirable report (if required, wait for the time-out, 4 to 6 seconds, or dial the end of dial code #).
- 6.4.2 A second dial tone is provided.

- 6.4.3 If a room number is not dialed within 4 to 6 seconds, time-out occurs and the report will cover all hotel/motel guest rooms in the house.
- 6.4.4 If a room number is dialed before time-out, the room number will be treated as the starting room number for the report, and then a third dial tone is provided.
- 6.4.5 If the third dial tone times-out, the report will be from the starting room number requested to the highest guest room number in the hotel/motel. If the second room number is dialed, the second room number will be treated as the end room number for the report.
- 6.4.6 In each case, confirmation tone is provided.

6.5 Test Needs Cleaning Report

- 6.5.1 From the housekeeper phone, request a block of hotel/motel guest rooms that are currently in the occupied or vacant-needs cleaning state.
- 6.5.2 Go off-hook at the housekeeper phone, dial the needs cleaning report dial access code, and repeat the procedure for requesting a block of rooms as specified in steps 6.4.2 through 6.4.6.
- 6.5.3 Return the housekeeper phone to the on-hook state.
- 6.5.4 An example of this report is shown below:

```

NEEDS CLEANING REPORT
10/01/79 08:47 P-02
ROOM BLOCK 7100 THRU 7120

7101 01 OCNC   7102 20 OCNC
7103 20 OCNC   7104 20 OCNC
7105 01 OCNC   7106 20 OCNC
7107 20 OCNC   7108 20 OCNC
7109 20 OCNC   7110 20 OCNC
7111 20 OCNC   7112 20 OCNC
7114 20 OCNC   7115 20 OCNC
7116 20 OCNC   7117 20 OCNC
7120 20 OCNC
    
```

6.6 Test Needs Inspection Report

- 6.6.1 From the housekeeper phone, request a block of hotel/motel guest rooms that are currently in the need inspection state.
- 6.6.2 Go off-hook at the housekeeper phone, dial the needs inspection report dial access code and repeat the procedure for requesting a block of rooms as specified in steps 6.4.2 through 6.4.6.
- 6.6.3 Return the housekeeper phone to the on-hook state.
- 6.6.4 An example of this report is shown below:

```
NEEDS INSPECTION REPORT
10/01/79 08:47 P-02

ROOM BLOCK 7100 THRU 7120

NONE

END
```

6.7 Test Maid-In-Room Report

- 6.7.1 From the housekeeper phone, request a block of hotel/motel guest rooms that are currently in the maid-in-room state.
- 6.7.2 Go off-hook at the housekeeper phone, dial the maid-in-room report dial access code, and repeat the procedure for requesting a block of rooms as specified in steps 6.4.2 through 6.4.6.
- 6.7.3 Return the housekeeper phone to the on-hook state.
- 6.7.4 An example of this report is shown below:

```
MAID IN ROOM REPORT
10/01/79 08:48 P-02

ROOM BLOCK 7100 THRU 7120

NONE

END
```

6.8 Test Room Status Report

- 6.8.1 From the housekeeper phone, request a room status report for a block of hotel/motel guest rooms.
- 6.8.2 Go off-hook at the housekeeper phone, dial the room status report dial access code, and repeat the procedure for requesting a block of rooms as specified in step 6.4.2 through 6.4.6.

6.8.3 Return the housekeeper phone to the on-hook state.

6.8.4 An example of this report is shown below:

ROOM STATUS REPORT
10/01/79 08:48 P-02

ROOM BLOCK 7100 THRU 7120

7101	01	OCNC	7102	20	OCNC
7103	20	OCNC	7104	20	OCNC
7105	01	OCNC	7106	20	OCNC
7107	20	OCNC	7108	20	OCNC
7109	20	OCNC	7110	20	OCNC
7111	20	OCNC	7112	20	OCNC
7114	20	OCNC	7115	20	OCNC
7116	20	OCNC	7117	20	OCNC
7120	20	OCNC			

END

6.9 Change Room Status for Eight Consecutive Hotel/Motel Rooms (OP Code 9)

6.9.1 Change the room status of this first selected guest room to BLOC (0) status by using OP Code 9 (see Section 9020, Hotel/Motel Console/Terminal OP Codes, for instruction as required).

6.9.2 Change each of the next seven guest rooms to one of the following desired room status:

1 = RDY
2 = OCCL
3 = OCNC
4 = OCMD
5 = VANC
6 = VAMD
7 = VANI

6.10 Request Another Current Housekeeper Reports

6.10.1 Request another five (room summary report, needs cleaning report, needs inspection report, maid-in-room report, and room status report) reports from the housekeeper phone by repeating the same steps, 6.3, 6.5, 6.6, 6.7 and 6.8, for a block of rooms that includes the eight consecutive guest rooms which they have had their status changed in step 6.9.

6.10.2 An example of the current five reports is shown below:

6.10.2 (cont'd).

ROOM SUMMARY REPORT
10/01/79 09:19 P-02

TYPE	RDY	VAC	OCC	BLOC
01	0001	0001	0034	0001
02	0000	0000	0043	0000
03	0000	0000	0004	0000
04	0000	0000	0002	0000
05	0000	0000	0004	0000
06	0000	0000	0004	0000
07	0000	0000	0004	0000
08	0000	0000	0004	0000
09	0000	0000	0004	0000
20	0000	0002	0498	0000
TOTALS	0001	0003	0601	0001
END				

NEEDS CLEANING REPORT
10/01/79 09:20 P-02

ROOM BLOCK 7100 THRU 7120

7103 20 OCNC 7105 01 VANC
 7108 20 OCNC 7109 20 OCNC
 7110 20 OCNC 7111 20 OCNC
 7112 20 OCNC 7114 20 OCNC
 7115 20 OCNC 7116 20 OCNC
 7117 20 OCNC 7120 20 OCNC
 END

NEEDS INSPECTION REPORT
10/01/79 09:20 P-02

ROOM BLOCK 7100 THRU 7120

7107 20 VANI
 END

6.10.2 (cont'd)

ROOM STATUS REPORT
10/01/79 09:21 P-02

ROOM BLOCK 7100 THRU 7120

7100 01 BLOC 7101 01 RDY
7102 20 OCCL 7103 20 OCNC
7104 20 OCMD 7105 01 VANC
7106 20 VAMD 7107 20 VANI
7108 20 OCNC 7109 20 OCNC
7110 20 OCNC 7111 20 OCNC
7112 20 OCNC 7114 20 OCNC
7115 20 OCNC 7116 20 OCNC
7117 20 OCNC 7120 20 OCNC
END

MAID IN ROOM REPORT
10/01/79 09:21 P-02

ROOM BLOCK 7100 THRU 7120

7104 20 OCMD 7106 20 VAMD
END

6.11 Test Maid Status Audit

- 6.11.1 From the housekeeper phone, dial the maid status audit dial access code.
- 6.11.2 Confirmation tone is heard and a message "MAID AUDIT TRAIL ON" will be printed on the audit trail printer. (Note: Whenever the maid status audit or vacant-needs cleaning audit is activated, requesting of any housekeeper reports will be denied.)
- 6.11.3 From a OCNC room phone, go off-hook and dial the maid-in-room dial access code.
- 6.11.4 Confirmation tone is heard at the OCNC room phone and a maid activity message is printed on the audit trail printer:

SAMPLE PRINTOUT

R 2000 15:51 OCMD

Where: R= room status
2000 = room number
15:51 = time of change
OCMD = new room state.

- 6.11.5 Cancel the maid status audit from the housekeeper phone by repeating step 6.1.

6.12 Test Vacant-Needs Cleaning Audit

- 6.12.1 From the housekeeper phone, dial the vacant-needs cleaning audit dial access code.
- 6.12.2 Confirmation tone is heard and a message "VANC AUDIT TRAIL ON" will be printed on the audit trail printer.
- 6.12.3 From a station or attendant console/terminal, change a hotel/motel guest room to VANC (code 5) by using OP Code 9.
- 6.12.4 After the change room status has entered into the console/terminal, a typical message "R 2000 15:58 VANC 01" will be printed on the audit trail printer (where: R = room status; 2000 = room number; 15:58 = time of change; VANC = vacant need cleaning; 01 = line class of service for room 2000).
- 6.12.5 Cancel the vacant-needs cleaning audit from the housekeeper phone by repeating step 6.2.

6.13 Test Cancel Active Report (Stop All Reports)

- 6.13.1 Request a room status report for all hotel/motel guest rooms from the housekeeper phone.
- 6.13.2 Before the room status report is finished, dial the cancel active report dial access code from the housekeeper phone (if required, dial the end of dial code, #, or wait for the time-out).
- 6.13.3 Confirmation tone is heard and the room status report should be terminated immediately.

7. TROUBLESHOOTING AIDS

- 7.1 The following procedures are applicable for housekeeper extension and audit trail printer.
 - 7.1.1 PROC 220 is used to assign journal (audit trail) printer for the housekeeper.
 - 7.1.2 PROC 000 and PROC 010 are used to assign the line circuit and line class of service for the housekeeper station. Either a hotel/motel guest room or non-hotel/motel guest room line class of service (PROC 010, WORD 1, Field 17) can be used for housekeeper station. However, non-hotel/motel guest room line class of service is recommended.
 - 7.1.3 PROC 280 is used to assign housekeeper directory number in Field 13 and a "1" in Field 11 for activating the room status of selection and the housekeeper station feature.
 - 7.1.4 PROC 350 is used to assign dial access code for the housekeeper station.
- 7.2 Hardware option:
 - 7.2.1 The LC34B data channel associated with journal (audit trail) printer should be optioned for low speed data.

- 7.2.2 The HN9 circuit pack in the PIC should be set at 300 baud (switch 4 closed) when the PIC is used with Victor 5011-135, Friction-Feed Paper; Victor 5011-463-135, Sprocket-Feed Paper; or Teletype 4310AAC printer.
- 7.2.3 The PIC must be within 1000 feet of the Dimension PBX if data channel repeaters are not used, and can be extended to a maximum of 11,000 feet by using data channel repeaters. See Section 250 series of HB 282 for detail information of PIC and data channel repeaters cross-connection.

Reason for Issue:
New Section

Manager, Denver PBX PECC