

**CUSTOMER ADMINISTRATION PANEL
FEATURE DOCUMENT**

"DIMENSION®" 400E, 600, 2000, AND CUSTOM PBXS

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NOTICE

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INTRODUCTION

1. GENERAL INFORMATION

1.01 This section describes the Customer Administration Panel (CAP) feature as provided with the DIMENSION 400E, 600, 2000, or Custom PBX. This is an optional feature initially provided in Feature Package (FP) 8. Refer to Section 554-191-100 for the availability of this feature in other feature packages.

1.02 This section is being reissued for the following reasons:

(a) The following procedures were added:

- Procedure 010, Word 3
- Procedure 011
- Procedure 026, Words 1 through 3, Version 1
- Procedure 026, Words 1 through 3, Version 2
- Procedure 027, Words 1 through 3, Version 1
- Procedure 027, Words 1 through 3, Version 2
- Procedure 028
- Procedure 052, Word 1, Version 2
- Procedure 052, Word 1, Version 3
- Procedure 054, Word 1, Version 2
- Procedure 057, Word 3, Version 2
- Procedure 058, Version 2
- Procedure 059, Word 1, Version 1
- Procedure 059, Word 1, Version 2
- Procedure 059, Word 2
- Procedure 063
- Procedure 075, Version 2
- Procedure 103, Version 2
- Procedure 106, Version 2
- Procedure 120, Version 2
- Procedure 180, Words 1 through 4
- Procedure 211, Word 1, Version 2
- Procedure 275, Word 4, Version 2
- Procedure 283, Version 2

- Procedure 285, Version 2
- Procedure 301, Word 1, Version 2
- Procedure 301, Word 2, Version 2
- Procedure 302, Version 2
- Procedure 310, Word 1, Version 2
- Procedure 310, Word 1, Version 3
- Procedure 310, Word 2, Version 2
- Procedure 310, Word 4
- Procedure 311, Word 1, Version 2
- Procedure 321, Word 1, Version 2
- Procedure 321, Word 1, Version 3
- Procedure 330, Word 1, Version 2
- Procedure 330, Word 2, Version 2.

(b) The following procedures were changed:

- Procedure 000, Word 2
- Procedure 001
- Procedure 010, Word 1
- Procedure 010, Word 2
- Procedure 023, Word 3
- Procedure 051
- Procedure 052, Word 0
- Procedure 052, Word 1, Version 1
- Procedure 052, Word 2
- Procedure 054, Word 1, Version 1
- Procedure 054, Word 2
- Procedure 070
- Procedure 075, Version 1

- Procedure 103, Version 1
- Procedure 220
- Procedure 275, Word 1
- Procedure 275, Word 3
- Procedure 286.

(c) The following procedures were deleted:

- Procedure 309, Words 1 through 3
- Procedure 450
- Procedure 451, Words 1,2
- Procedure 453, Words 1,2
- Procedure 454, Words 1,2
- Procedure 455
- Procedure 461.

Revision arrows were used to indicate major changes.

2. DEFINITION

2.01 CAP: This feature provides for a system interface panel which has access to the DIMENSION PBX. The CAP allows the customer to perform administration of station features and/or electronic tandem switching capabilities. The following features are provided: Station Rearrangement and Change (FPs 7, 8, 9, 11, 12) and Facilities Administration and Control (FP8).

DESCRIPTION

3. USER OPERATION

APPLICATIONS

3.01 The CAP (Fig. 1) is a modified DIMENSION 2000 PBX Maintenance and Administration Panel (MAAP) which gives the customer the ability to perform the following features:

- (a) Station Rearrangement and Change
- (b) Facilities Administration and Control.

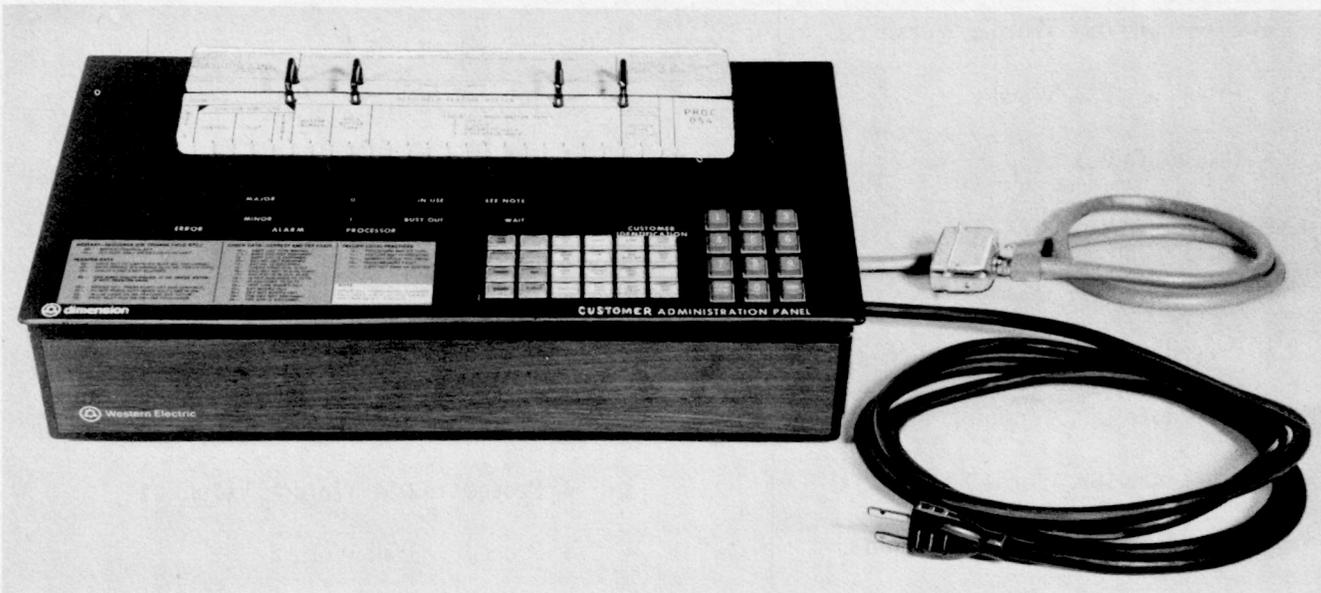


Fig. 1—Customer Administration Panel (CAP)

The Facilities Administration and Control feature is provided in FP8 only. Station Rearrangement and Change is provided in all feature packages associated with the DIMENSION 400E, 600, 2000, or Custom PBX.

3.02 Station Rearrangement and Change is made on a per-line basis. This feature allows the customer to move station numbers, change the features and/or restrictions assigned to a station, administer all DIMENSION PBX Electronic Custom Telephone Service (ECTS) features, and perform search routines on individual stations to identify the features provided for that station.

3.03 The Station Rearrangement and Change feature is particularly desirable for a customer whose employees are frequently moved or transferred about the premises. As an employee moves from office to office, or desk to desk, the station number and features which have been assigned to the employee may be retained. Using the CAP, the customer has complete control of the station numbers and features assigned to all telephone sets.

3.04 Facilities Administration and Control is performed on a per-system basis. This feature allows the customer to administer Facility Restriction Levels (FRLs), Automatic Circuit Assurance (ACA), Authorization Codes, Automatic Route Selection (ARS) plan-in-effect, and perform search routines for various features. Deluxe queuing may be activated/deactivated on a per-trunk group or per-system basis.

3.05 In addition to Station Rearrangement and Change and Facilities Administration and Control, the CAP gives the customer the ability to administer Centralized Attendant Service (CAS) and Uniform Call Distribution/Direct Department Calling (UCD/DDC) items, Hospitality Management (HM) features, and various other features which are included in the customer's feature package. ♦Table A♦ is a listing of procedures available for each feature package on a full (F), partial (P), or display only (D) basis. ♦Table B♦ is a listing of all features or services that can be either fully or partially available for administration with the CAP.

GENERAL

3.06 The CAP has a 12-button dial, four rows of control keys, a 25-digit operational display, a 3-digit procedure display, a 2-digit field identification display, and indicators for operational status. A 2-digit error code display is provided to indicate an incorrect entry. Refer to Fig. 2 for the faceplate layout of the CAP.

3.07 The CAP operations use a series of procedures to accomplish the designated function. Each procedure is accessed by dialing an associated 3-digit code. A request to access a particular procedure causes an associated off-line software program to be read from the tape cartridge into a designated memory block, referred to as the paging buffer. Once the read operation is completed, the WAIT lamp on the CAP is extinguished and the procedure is available for use. Operation of the CAP in any mode does not interrupt customer service.

3.08 Each procedure is represented on the CAP by a flipchart. Flipcharts are identified by a functional name and a 3-digit procedure (PROC) number. Longer (multiword) procedures are further identified by a word (WORD) number. ♦There are also versions of flipcharts (VER) which are used with certain issues of tape releases. Flipcharts that are now designated as Version 1 were previously not designated with a version number.♦ Flipcharts are divided into fields. Each field is identified on the flipchart by a number located in the bottom right corner of the field block.

3.09 The 25-digit display is used to display the data which is being administered or which has previously been administered. The 25 possible positions of the display are divided by decimal points corresponding to the fields on the flipcharts. For example, on Procedure 052, WORD 2, a decimal point appears after positions 1, 5, 6, 7, 8, 10, 12, 13, and 15. If flipchart 052, WORD 2 is positioned above a display of Procedure 052, WORD 2, the field dividers on the flipchart align with the decimal points of the display.

3.10 ♦The following is a listing of the buttons, lamps, and switches on the CAP and a brief functional description of each.

TABLE A

CAP PROCEDURE ACCESSIBILITY

PROCEDURE NUMBER	FP7	FP8 ISS 1- 1.12	FP8 ISS 1.13- 1.XX	FP8 ISS 2	FP8 ISS 3	FP9	FP11	FP12
TPE 000,WD1 000,WD2	D F F	D F F	D F F	D F F	D F F	D F F	D F F	D F F
001 002 010,WD1	 F	F F F	F F F	F F F	F F F	 F F	F F F	F F F
010,WD2 010,WD3 011	F 	F 	F 	F 	F F F	F 	F 	F
020 021,WD1 021,WD2	 F F	F F F	F F F	F F F	F F F	F 	F F F	F F F
021,WD3 022,WD1 022,WD2	F F F	F 	F 	F 	F 	 	F 	F
022,WD3 022,WD4 023,WD1	F F 	 F	 F	 F	 F	 	 F	 F
023,WD2 023,WD3 023,WD4	 	F F F	F F F	F F F	F F F	 	F F F	F F F
023,WD5 025,WD1 025,WD2	 	F P P	F P P	F 	F 	 	F P P	F P P
025,WD3 025,WD4 026,WD1,VER1	 	P P 	P P 	 P	 	 	P P 	P P
026,WD1,VER2 026,WD2,VER1 026,WD2,VER2	 	 	 	 P 	 P P	 	 	
026,WD3 027,WD1,VER1 027,WD1,VER2	 	 	 	 P P	 P P	 	 	

♦TABLE A♦ (Contd)

CAP PROCEDURE ACCESSIBILITY

PROCEDURE NUMBER	FP7	FP8 ISS 1- 1.12	FP8 ISS 1.13- 1.XX	FP8 ISS 2	FP8 ISS 3	FP9	FP11	FP12
027,WD2,VER1 027,WD2,VER2 027,WD3,VER1				P P	P			
027,WD3,VER2 028 051	F	F	F	F F	P F		F	F
052,WD1,VER1 052,WD1,VER2 052,WD1,VER3	F	F	F	F	F		F	F
052,WD2 053,WD1 053,WD2	F F F	F F F	F F F	F F F	F F F		F F F	F F F
054,WD1,VER1 054,WD1,VER2 054,WD2	F F	F F	F F	F F	F F		F	F F
054,WD3 055 056	F F F	F F F	F F F	F F F	F F F		F F F	F F F
057,WD1 057,WD2 057,WD3,VER1	F F F	F F F	F F F	F F F	F F		F F F	F F F
057,WD3,VER2 058,VER1 058,VER2		F	F	F	F F		F	F
059,WD1,VER1 059,WD1,VER2 059,WD2				F F	F F			
060,WD1 060,WD2 061	F F F	F F F	F F F	F F F	F F F		F F F	F F F
063 070 075,VER1	F F	F F	F F	F F	F F F	F	F F F	(Iss 2) F F

♦TABLE A♦ (Contd)

CAP PROCEDURE ACCESSIBILITY

PROCEDURE NUMBER	FP7	FP8 ISS 1- 1.12	FP8 ISS 1.13- 1.XX	FP8 ISS 2	FP8 ISS 3	FP9	FP11	FP12
075, VER2 076 102	F F	F F	F F	F F	F F F	F F	F F	F F
103, VER1 103, VER2 106, VER1		P F	P F	P F	P P		F	F
106, VER2 120, VER1 120, VER2		F	F	F	F F			
175 180, WD1 180, WD2	F	F	F	F	F D D	F	F	F
180, WD3 180, WD4 206					D F	F	F	
211, WD1, VER1 211, WD1, VER2 211, WD2		P F	P F	P F	F F		F F	F F
220 275, WD1 275, WD2	P F	P F	P F	P F	F F	F P F	F P F	P F
275, WD3 275, WD4, VER1 275, WD4, VER2	P	P F	P F	P F	P F		P P	P P
279, WD1 279, WD2 282, WD1		F	F	F	F	F F	F F	
282, WD2 282, WD3 282, WD4		F F F	F F F	F F F	F F F			
283, VER1 283, VER2 284		F F	F F	F F	F F	F	P F	P F

♦TABLE A♦ (Contd)

CAP PROCEDURE ACCESSIBILITY

PROCEDURE NUMBER	FP7	FP8 ISS 1- 1.12	FP8 ISS 1.13- 1.XX	FP8 ISS 2	FP8 ISS 3	FP9	FP11	FP12
285,VER1 285,VER2 286		P F	P F	P F	P F		P	P
287 300 301,WD1,VER1	F F	F F F	F F F	F F F	F F F	F F	F F	F F
301,WD1,VER2 301,WD2,VER1 301,WD2,VER2	F	F	F	F	F F	F	F	F
301,WD3 302,VER1 302,VER2	F F	F F	F F	F F	F F	F F	F F	F F
310,WD1,VER1 310,WD1,VER2 310,WD1,VER3		D	D	D	D			
310,WD2,VER1 310,WD2,VER2 310,WD3		D D	D D	D D	D D			
310,WD4 311,WD1,VER1 311,WD1,VER2		D	D	D	D D			
311,WD2 311,WD3 316	D	D D D	D D D	D D D	D D D			
321,WD1,VER1 321,WD1,VER2 321,WD1,VER3		D	D	D	D			
321,WD2 321,WD3 321,WD4		D D D	D D D	D D D	D D D			
330,WD1,VER1 330,WD1,VER2 330,WD2,VER1		P P	P P	P P	P			
330,WD2,VER2 353 426		F F	F F	F F	F F	F	F F	F
526	P	P	P	P	P	P	P	P

LEGEND F = Full Access, P = Partial Access, D = Display Only Access

♦TABLE B♦

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Advanced Private Line Termination (APLT)	7,8,11,12	275,WD1 010,WD2
Alternate FRL	8,11,12	286
Attendant Release Loop (ARL)	8,11,12	275,WD4
Authorization Codes	8	282,WD1-4 103 285
Automatic Alternate Routing (AAR)	8	321,WD1-4 103 285
Automatic Callback	7,8,11,12	010,WD1 054,WD2
ACA	8	120 285 286
Automatic Identified Outward Dialing (AIOD)	7,8,9,11,12	275,WD1 000,WD2
Automatic Message Waiting	8-Iss 3 11-Iss 2	063
ARS - Deluxe	8,11,12	284 275,WD3 286 287 316 310,WD1-4 311,WD1-3 010,WD2 103 330,WD1-2 275,WD4,VER2
Automatic Station Restriction	9,11	279,WD1 000,WD2
Automatic Wakeup Service	9,11	220 279,WD1 284 206

♦TABLE B♦ (Contd)

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Bed/Room Status and Selection	9,11	220 279,WD1 010,WD1
Call Coverage	8-Iss 3	011 000,WD2 010,WD3 054,WD1 275,WD3
Call Forwarding	7,8,9,11,12	010,WD1 010,WD3 054,WD2
CAP Test	7,8,9,11,12	526
Call Hold	7,8,9,11,12	010,WD1 054,WD2
Management System (CMS) -with Management Information System (MIS)	8-Iss 2	001 010,WD1 054,WD2,VER2 054,WD1,VER1 028 026,WD1-3,VER1 027,WD1-3,VER1 275,WD4,VER2 059,WD1,VER1 059,WD2 284
Call Park	7,8,9,11,12	275,WD1
Call Pickup	7,8,9,11,12	000,WD2 054,WD2
Call Waiting	7,8,9,11,12	275,WD1 010,WD1 054,WD2
Calling Number Display to Station	7,8,9,11,12	010,WD1
Centralized Attendant Service	8,11,12	001 211,WD1 211,WD2 275,WD4 284

TABLE B4 (Contd)

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Clock Synchronization	7,8,9,11,12	284
Code Calling—Chime Paging	8,11,12	275,WD1 275,WD4
Code Restriction	7,8,9,11,12	301,WD1-3 302 300 010,WD2
Controlled Restrictions	7,8,12	000,WD2
Custom Intercom	7,8,11,12	275,WD3 021,WD1-3
Data Communications Access	7,8,9,11,12	275,WD1 286 103 321,WD1-4
Data Restriction	7,8,9,11,12	010,WD2
Data Switching — Level II	8-Iss 3	010,WD3 026,WD1,VER2 180,WD1-4 275,WD1 285,VER2
Data Verification by Station	8-Iss 3	285,VER2
Deluxe Queuing	8	330,WD1-2
Direct Inward Dialing (DID)	7,8,9,11,12	275,WD1 010,WD2
Distributed Communication System	8-Iss 3	275,WD1 275,WD3
Emergency Access to Attendant	11	010,WD1 220
Energy Communication Service	9,11	010,WD1 002 279,WD1-2 220

♦TABLE B♦ (Contd)

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Enhanced Uniform Call Distribution	8-Iss 3	001 010,WD1 052,WD1,VER3 054,WD1,VER2 026,WD1-3,VER2 027,WD1-3,VER2 275,WD4,VER2 059,WD1,VER2 059,WD2
Executive Override	7,8,11,12	010,WD1 054,WD2
FRL	8	010,WD2 103 282,WD1-4 286
Flexible Numbering of Stations	7,8,9,11,12	000,WD1 000,WD2
Force Administration Data System (FADS)	8,11,12	426
Fully Restricted Station	7,8,9,11,12	010,WD2
Hot Line Service	9,11	010,WD1 020
HM Features and Services	9,11	010,WD1 279,WD1-2 220 206
Intecept Treatment	7,8,9,11,12	275,WD1
Interface to Long Distance Billing	9,11	279,WD1 220
Inward Restriction	7,8,9,11,12	010,WD2
Journal Printers	9,11	220 206

♦TABLE B♦ (Contd)

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Leave Word Calling	8-Iss 3	010,WD3 054,WD1,VER2 054,WD2 063 275,WD3 000,WD2
Local Call Billing	9,11	279,WD1 220
Loudspeaker Paging	7,8,9,11,12	010,WD1 275,WD1
Malicious Call Trace Emergency	8-Iss 2/3	054,WD1
Manual Originating Line Service	9,11	010,WD1
Manual Terminating Line Service	7,8,9,11,12	010,WD2
Message Center	8-Iss 3	026,WD1,VER2 275,WD1 000,WD2
Miscellaneous Trunk Restrictions	7,8,9,11,12	102 010,WD2
Music on Hold Access	7,8,9,11,12	275,WD1 330,WD1
Night Service	7,8,9,11,12	275,WD2
Origination Restriction	7,8,9,11,12	010,WD2
Outgoing Trunk Queuing	7	275,WD3
Outward Restriction	7,8,9,11,12	010,WD2
Property Management System	9,11	279,WD1 220 010,WD1
Remote Access	7,8,11,12	285 286 275,WD2
Rotary Dial Calling	7,8,9,11,12	010,WD1

♦TABLE B♦ (Contd)

ADMINISTRATION OF PBX FEATURES

FEATURE OR SERVICE	FEATURE PACKAGE	PROCEDURE
Run Tape	7,8,9,11,12	TPE
Single Digit Dialing	9,11	353
Speed Calling	7	022,WD1-4 275,WD3
Speed Calling	8,11,12	023,WD1-5 275,WD3
Split Access to Outgoing Trunks	9,11	010,WD1
Station Hunting	7,8,9,11,12	000,WD2
Station Message Detail Recording (SMDR)	275,WD1	285 286
Station-to-Station Calling	7,8,9,11,12	000,WD1 000,WD2 010,WD1 010,WD2 010,WD3
Tandem Tie Trunk Switching	7,8,11,12	275,WD1
Termination Restriction	7,8,9,11,12	010,WD2
Threeway Conference Transfer	7,8,9,11,12	010,WD1
Timed Recall on Outgoing Calls	7,8,11,12	010,WD1
Toll Restriction	7,8,9,11,12	010,WD2 300
TOUCH-TONE® Calling	7,8,9,11,12	010,WD1
Trunk Answer from Any Station	7,8,9,11,12	275,WD2
Trunk-to-Trunk Connections	7,8,9,11,12	275,WD1
Trunk-to-Trunk Transfer	8,11,12	275,WD4
Trunk Verification by Station	8,11,12	285 103
UCD/DDC	8-Iss 1,11,12	010,WD1 000,WD2 025,WD1-4 001 275,WD4,VER1

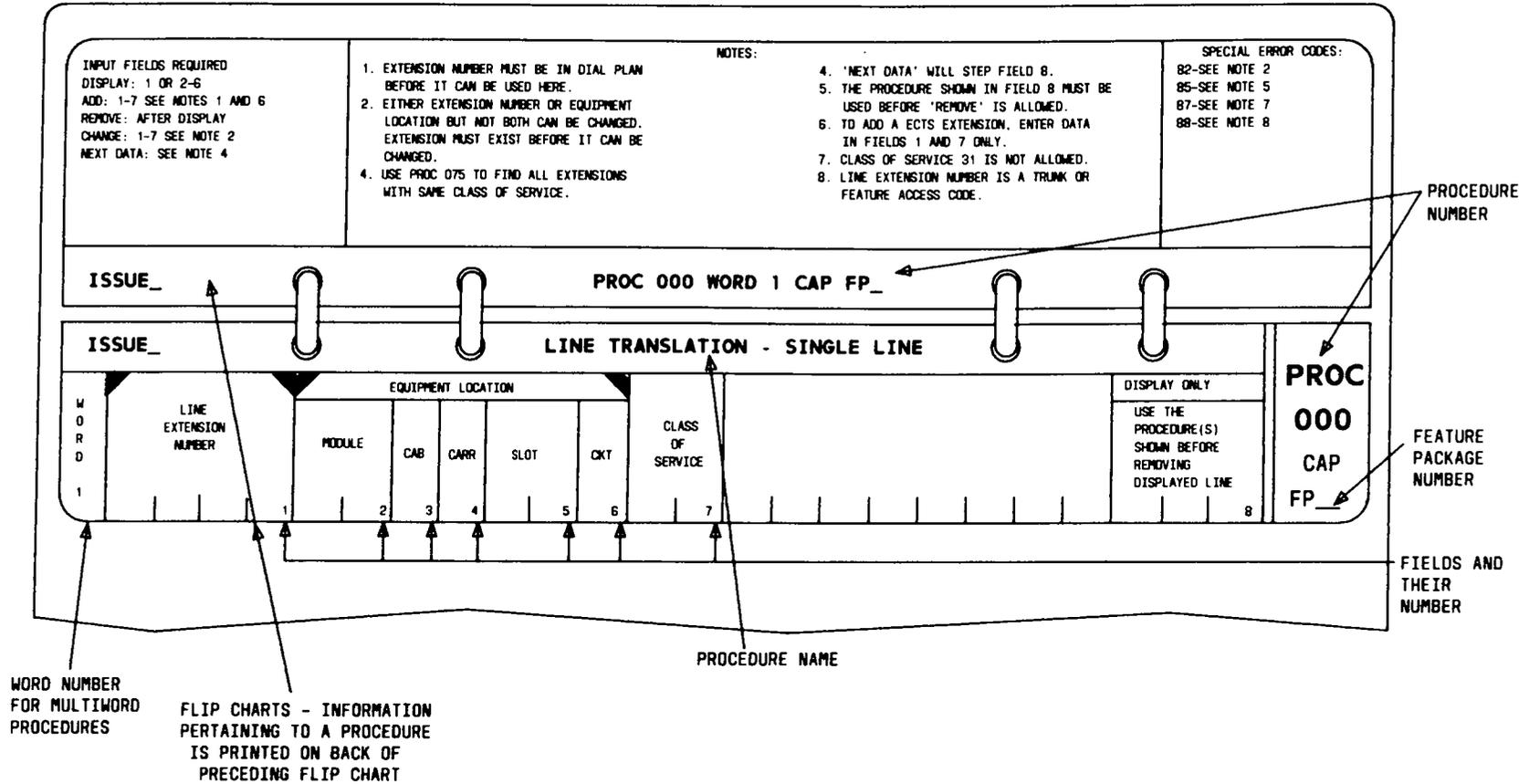
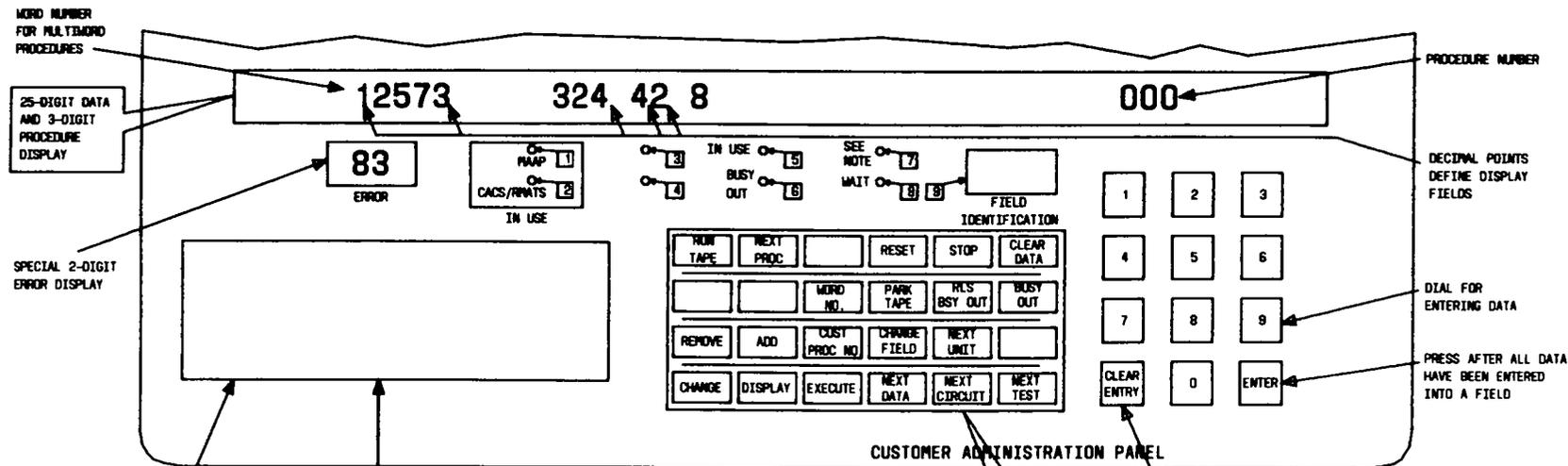


Fig. 2—CAP Faceplate Layout (Sheet 1 of 2)



LISTING OF THE MORE COMMON ERROR CODES

- 1 LIGHTED WHEN MAAP IS IN USE
- 2 LIGHTED WHEN CACS/RWATS IN USE
- 3 4 NOT USED
- 5 LIGHTED WHEN THE UNIT BEING DISPLAYED IS IN USE
- 6 LIGHTED WHEN A LINE OR TRUNK HAS BEEN BUSIED OUT
- 7 LIGHTS AS A REMINDER THAT A REMOVE, ADD, OR CHANGE HAS BEEN DONE AND THE TAPE OR TAPES SHOULD BE UPDATED BY MEANS OF THE RUN TAPE EXECUTIVE SEQUENCE. SEE THE NOTE IN THE LIST OF ERROR CODES.
- 8 LIGHTED WHILE PROCEDURE IS BEING LOADED OR CERTAIN DIAGNOSTIC TESTS ARE RUN
- 9 FIELD IN USE DISPLAY.

CONTROL KEYS
 BLUE - ADMINISTRATION
 WHITE - COMMON
 YELLOW - MAINTENANCE

WILL CLEAR FIELD IF PRESSED BEFORE ENTER

<p>RESTART - SEQUENCE (EG. 'CHANGE FIELD' ETC.)</p> <p>00 - WRONG CONTROL KEY.</p> <p>01 - FLD DISP. ONLY OR NOT ON FLIPCHART.</p> <p>REENTER DATA</p> <p>02 - DATA OUT OF LIMITS (EG SLOT NO. TOO LARGE).</p> <p>03 - DATA WRONG (EG WRONG SLOT NO. FOR CP TYPE).</p> <p>04 - DIGITS 8 AND 9 NOT ALLOWED.</p> <p>05 - TOO MANY DIGITS DIALED. IF OK, PRESS 'ENTER'. IF NOT, REENTER DATA.</p> <p>06 - WRONG KEY. PRESS RIGHT KEY & CONTINUE.</p> <p>07 - DO NOT PRESS KEYS WHEN WAIT LAMP IS ON.</p> <p>08 - IN USE LAMP ON OR FEATURE/SVC ACTIVE.</p> <p>09 - PROC MUST RUN ON ON-LINE PROCESSOR.</p>	<p>CHECK DATA - CORRECT AND TRY AGAIN</p> <p>10 - EQPT LOC TYPE WRONG.</p> <p>11 - EQPT LOC NOT ASSIGNED.</p> <p>12 - EQPT LOC IS ASSIGNED.</p> <p>13 - EXT NO. NOT EQUIPPED.</p> <p>14 - EXT NO. IS EQUIPPED.</p> <p>15 - CHECK FIRST DIAL DIGIT.</p> <p>16 - DAC/EXT NOT IN DIAL PLAN.</p> <p>17 - DAC/EXT IS IN DIAL PLAN.</p> <p>18 - IS NOT ASSIGNED TO DCTS.</p> <p>19 - IS ASSIGNED TO DCTS.</p> <p>20 - TEST LINE BUSIED OUT.</p> <p>21 - CKT BUSIED OUT.</p> <p>22 - CKT NOT BUSIED OUT.</p> <p>23 - IS NOT ASSIGNED.</p> <p>24 - IS ASSIGNED.</p>	<p>FOLLOW LOCAL PRACTICES</p> <p>60 - SPECIAL EXT TO DAC NOT ADMINISTRABLE THIS PROC.</p> <p>70 - INVALID PROCEDURE.</p> <p>71 - FEATURE NOT IN PROGRAM.</p> <p>72 - MEMORY SPACE TOO SMALL.</p> <p>73 - PROG/MEMORY FAULT.</p> <p>74 - EQPT NOT PART OF SYSTEM.</p> <p>75 - MEMORIES MISMATCH</p> <p>99 - DO NOT RUN TAPE. RELOAD AND START OVER</p> <p>NOTE: AFTER ALL TRNSLTH CHGS "RUN TAPE" "EXECUTE"</p>
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LISTING OF THE MORE COMMON ERROR CODES

Fig. 2—CAP Faceplate Layout (Sheet 2 of 2)

- (a) **DIAL:** All data is entered via the TOUCH-TONE service pad. The ENTER and CLEAR ENTRY control keys also appear on the dial.
- (b) **ENTER:** Dialing this key instructs the CAP that all of the data has been entered into a field. The next field (if any) starts to flash indicating it is ready to receive data.
- (c) **CLEAR ENTRY:** This key is used to enter a dash in a field and to correct dialing errors. To enter a dash in a field that should not contain data, dial CLEAR ENTRY, ENTER. To clear a dialing error before the ENTER key is dialed, dial CLEAR ENTRY, the correct data, and ENTER.
- (d) **CUST PROC NO.:** This key is used to load a procedure. To load a procedure, depress CUST PROC NO., dial the 3-digit procedure number, ENTER, and wait for the WAIT lamp to go dark.
- (e) **WORD NO.:** Some procedures have more than one word; when a procedure is loaded, WORD 1 is called first. To change words, wait for the WAIT lamp to go off, depress WORD NO., dial the desired word number, and ENTER.
- (f) **EXECUTE:** This key is depressed after either DISPLAY, ADD, CHANGE, REMOVE, PARK TAPE, or RUN TAPE is depressed. It instructs the CAP to execute the instruction just given it.
- (g) **NEXT DATA:** This key is not applicable to all procedures. In the applicable procedures, depressing this key repeatedly will cycle the display.
- (h) **PARK TAPE:** This key is used to park the tape at a prescribed position near the beginning of the tape. The PARK TAPE, EXECUTE sequence is always used before turning the CAP off.
- (i) **RESET:** Depressing this key starts the procedure again. The display will have dashes in all fields, just as if the procedure had just been loaded.
- (j) **DISPLAY:** Depressing this key, when followed by depressing EXECUTE, allows the operator to display the contents of a word. Most CAP procedures have entry fields, marked off by black triangles. Once data is entered into an entry field, depressing DISPLAY EXECUTE causes the rest of the assigned data to be displayed.
- (k) **CHANGE:** Depressing this key, when followed by depressing EXECUTE, changes the old assignment to the assignment displayed.
- (l) **ADD:** This key followed by an EXECUTE adds the displayed data to the translations.
- (m) **ON/OFF SWITCH:** The cap must be turned on prior to loading a procedure. When all changes are completed, run the tape, park the tape, then turn off the power to the CAP and update the Customer Administration Record (CAR) or the Customer System Document (CSD). Occasionally, when the CAP is turned on, the display initializes without displaying dashes. If this occurs, depress CUST PROC NO. before depressing any other key. This initializes the display properly.
- (n) **CHANGE FIELD:** Depressing the CHANGE FIELD, field number, ENTER blanks the field dialed and causes the decimal point to flash. New data can now be entered into this field.
- (o) **REMOVE:** REMOVE is always preceded by the display operation. Depressing REMOVE, when followed by EXECUTE, removes the displayed data from translation memory.
- (p) **RUN TAPE:** Depressing RUN TAPE and EXECUTE loads the translation onto the tape and must always be done when you are finished with all translation changes. Use Procedure TPE to monitor the translation update.
- (q) **NEXT PROC:** NEXT PROC allows the CAP to be active in one administration procedure while the tape is positioning to the beginning of another administration procedure. Once a procedure is entered, to queue the next procedure, depress CUST PROC NO., dial in the 3-digit number of the next procedure, and depress NEXT PROC. The CAP now returns to the original procedure and administration can continue. To call in the queued procedure, depress NEXT PROC.

- (r) **NEXT TEST:** This key is used to step through the tests in Procedure 526.
- (s) **IN USE:** The line to which the operator is attempting to make changes is busy. Changes cannot be made while the line is in use.
- (t) **WAIT:** One of the following conditions exits:
 - The Remote Maintenance, Administration, and Traffic System (RMATS) or Customer Administration Center System (CACS) has access to the PBX.
 - The tape is being updated.
 - Data is being changed due to an add, change, or remove request.
 - The tape is searching for a particular procedure. The CAP will not respond until the WAIT lamp goes off.
- (u) **SEE NOTE:** The operator has made some changes with the CAP which requires a "run tape" before turning the CAP off.
- (v) **MAAP IN USE:** The CAP cannot access the PBX while this lamp is lighted.
- (w) **RMATS/CACS IN USE:** The CAP cannot access the PBX while this lamp is lighted.
- (x) **BUSY OUT:** The busy lamp comes on when a line or trunk has been busied out with the MAAP.♦

A. Error Messages

3.11 The CAP (Fig. 2) has a special 2-digit error display on the left, just below the data display. Below the error display is a listing of the more common error codes. For error codes 00 through 24 and 99, specific instructions for correcting the error are given. For error codes ♦60♦ and 70 through 75 follow local practices. Also, special error codes are printed on the flipcharts for many of the procedures. These are numbered 80 and up and apply only to the specific procedure loaded into the system.

3.12 If an error is detected, an error code is displayed and the field in which the error was discovered begins to flash. In addition, the FIELD

IDENTIFICATION display indicates the number of the field in error. For instance, if an attempt is made to assign class-of-service 14 to a line extension using Procedure 000, Word 1, error code 02 appears and field 7 begins to flash, and a "7" is displayed in the FIELD IDENTIFICATION display after ADD, EXECUTE or CHANGE, EXECUTE has been depressed. Error correction can be accomplished at this point by simply entering the correct class-of-service number and continuing.

B. Hardware Arrangement

3.13 The CAP may be located at any convenient operating position that is within approximately 300 meters (1000 cable feet) of the associated DIMENSION PBX. The ON/OFF switch located on the right side of the CAP activates the customer's unit, and by means of a wall-mounted interface unit in the PBX equipment room, disables the telephone company MAAP data channel. A light-emitting diode (LED) on the wall-mounted interface unit indicates that the customer's CAP is active. Refer to Fig. 3 for a typical CAP and associated DIMENSION PBX system arrangement when an unduplicated (single) processor is used. Figure 4 shows a typical CAP arrangement for a duplicated (dual) processor system.

C. Customer Administration Records

3.14 Use of the CAP for performing changes to the PBX by the customer requires disciplined and careful recordkeeping by the customer. Accurate records are required, not only for the customer for station administration, but also for operating company personnel when servicing the customer administered PBX. A recordkeeping document, the CAR/CSD, has been designed as part of the CAP feature to assist in this task. The CAR/CSD is produced by Western Electric as a supplement to the Customer Order Document (COD) but is arranged in a format specifically designed for customer recordkeeping. Additional space is provided for entries desired by the customer, such as users' names, room locations, and the like.

3.15 The CAR document, H-606-101, G34, or the CSD, H-606-124, G31 (hardware) or G32 (software), and an extra copy of the COD are provided automatically with any new system that includes the CAP feature in the original order. These documents should be retained and updated by Business Services

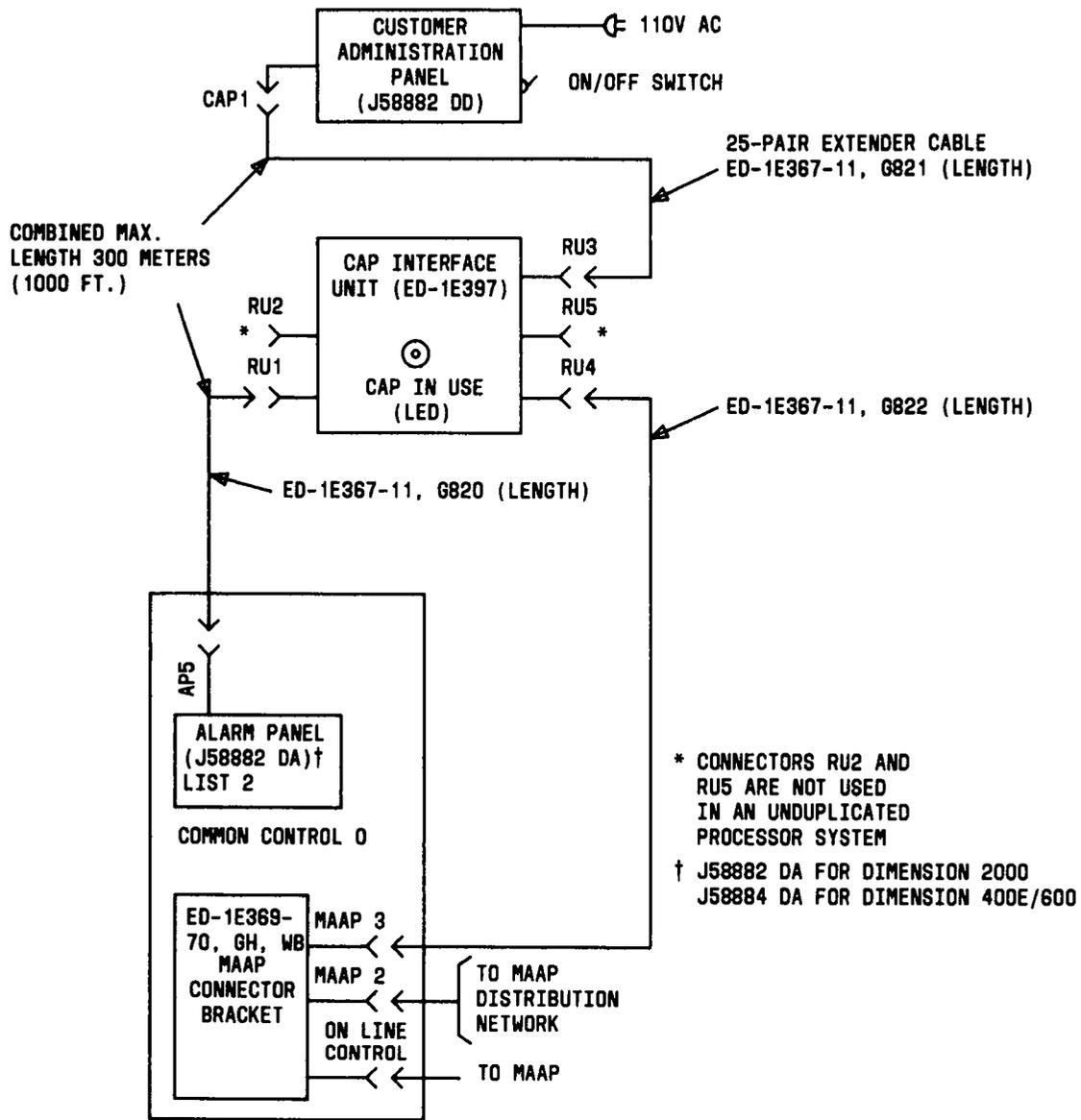


Fig. 3—CAP Connections for Unduplicated Processor Systems

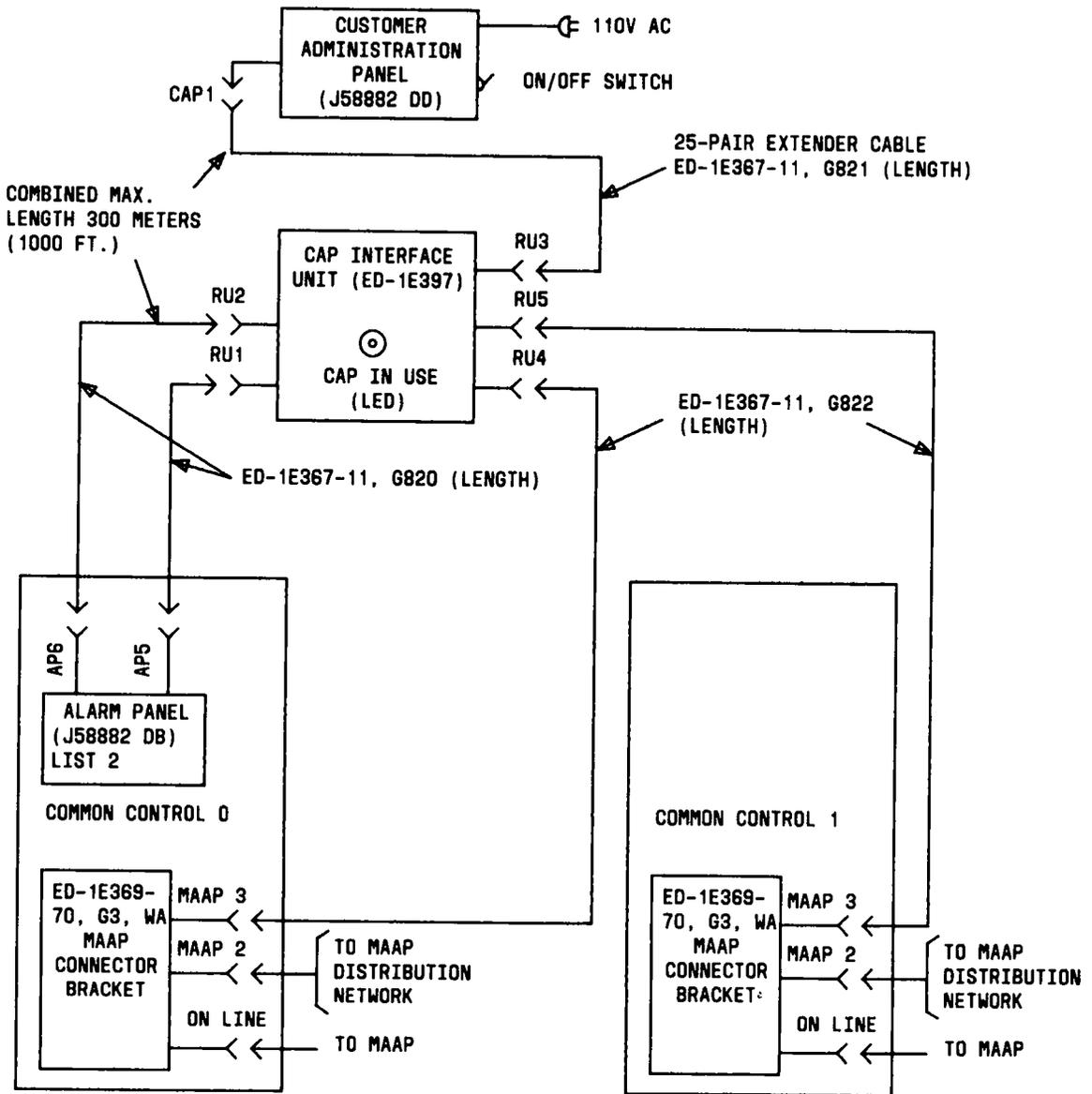


Fig. 4—CAP Connections for Duplicated Processor System

to reflect all precutover changes and then transmitted to the designated customer representative at the time of CAP cutover. Agreement must be reached with the customer to allow access by installation and maintenance personnel to the customer records when system or station maintenance is to be performed.

3.16 The CAR/CSD consists of 11 sections which are:

- (1) Station line assignments
- (2) Call pickup group assignments
- (3) Station hunting assignments
- (4) Class-of-service assignments
- (5) ECTS set cross-reference table
- (6) ECTS station set assignments
- (7) ECTS straight-line set assignments
- (8) ECTS dial intercom assignments
- (9) ECTS auto/manual intercom assignments
- (10) System and feature summary
- (11) Line equipment record.

USER OPERATING PROCEDURES

3.17 ♦Tables B, C, and D list all CAP procedures.

Table B is a listing of procedures which are used when performing Station Rearrangement and Change, Facilities Administration and Control, and general PBX administrative tasks. The CAP test procedure is also included in this table. Table C is a listing of all ECTS-related procedures. Table D is a list of CAP search and display procedures.♦

3.18 A series of operations is necessary to accomplish a task using the CAP. Listed below is a sequence in which the steps are to be performed and a brief description of each operation. Detailed descriptions of each operation are given for each procedure in Fig. 5 through 139 (see Note).

Note: Some of the procedures shown in Figures 5 through 139 may not be available in certain feature packages. Each figure gives a list of

applicable feature packages and points out any differences which may exist between feature packages.

- (a) Turn the ON/OFF switch on the side of the CAP to the ON position.
- (b) Determine the procedure(s) required to perform the task from ♦Tables B, C, and D♦ and turn to the applicable flipchart.
- (c) If the MAAP IN USE or RMATS/CACS IN USE lamp is lighted, wait until the lamp extinguishes before proceeding to the next step.
- (d) Load the procedure. To load the procedure, depress CUST PROC NO., dial the 3-digit number of the procedure followed by ENTER, and wait for the WAIT lamp to extinguish. If this is a multiword procedure and a word, other than word 1, is to be used, depress WORD NO., dial the desired word number, followed by ENTER.
- (e) Display the procedure. To display the procedure, enter data in the field(s) identified with triangles at each corner. If more than one field or set of fields is shown on the flipchart, data may be entered in either field(s) which is identified by the triangles. Depress DISPLAY, followed by EXECUTE. If a table of data is associated with the displayed word, NEXT DATA may be depressed repeatedly to cycle the display. When the end of the table is reached, dashes are displayed in the applicable field(s).
- (f) Add, change, or remove data:
 - (1) If the field to be changed or added is flashing, dial the new data followed by ENTER.
 - (2) If the field to be changed or added is not flashing, press CHANGE FIELD, dial the number of the field to be administered, dial ENTER (the FIELD IDENTIFICATION display shows the number of the field being administered), dial the new data, dial ENTER.
 - (3) Repeat (1) or (2) to change or add data to other fields in the word displayed. After all changes or additions have been made, depress either CHANGE, EXECUTE, DISPLAY, EXECUTE or ADD, EXECUTE, DISPLAY, EXECUTE.

TABLE C

ADMINISTRATION FOR ECTS-TYPE FEATURES

FEATURE	PROCEDURE
Abbreviated and Delayed Ringing	052,WD1 052,WD2 054,WD1 061
Automatic Appearance	052,WD1,VER2/3
Automatic In	054,WD1
Automatic Intercom	056 061 053,WD1
Auxiliary Work	054,WD1
Common Audible Ringing	051
Consult	054,WD1,VER2
Coverage Callback	054,WD1,VER2
Controller Repack	060,WD2
Dial Intercom	056 061 053,WD1
Direct Station Selection (DSS)	054,WD1
ECTS Service	275,WD1
Exclusive Hold	054,WD3
Hold	054,WD3
Idle Line Preference	051
I-Hold	054,WD3
Incoming Call Preference	051
Last Extension Called	054,WD2
Last Line Preference	051
Line Ringing	051 052,WD1 052,WD2

♦TABLE C♦ (Contd)

ADMINISTRATION FOR ECTS-TYPE FEATURES

FEATURE	PROCEDURE
Manual Exclusion	054,WD1
Manual In	054,WD1
Manual Intercom	056 061 053,WD1
Manual Signaling	053,WD1 061
Message Waiting (Manual)	053,WD2
No Line Preference	051
PBX Line Access	052,WD1
Personal Central Office Line Access	057,WD1-3
Prime Line Preference	051 052,WD1
Priority Hold	054,WD3
Release	054,WD1
Repeat City-of-Origin	054,WD1
Ringer Transfer	054,WD1 052,WD1
Ringling Line Preference	051
Ringling Transfer	054,WD1 052,WD2
Speed Calling Access	054,WD1
Staff	054,WD1
Station Busy Indication	055
Station Ringer Cutoff	054,WD1
Station Swap	058

♦TABLE D♦

LISTING OF SEARCH AND DISPLAY PROCEDURES

FEATURE OR ITEM	PROCEDURE
AAR	321,WD1-4
ARS - Deluxe	310,WD1-4 311,WD1-3 316
Call Coverage Assignments	075,VER2
Call Pickup Assignments	075
Controlled Restriction Assignments	075
Data Switching	180,WD1-3
ECTS CO Line Pickup	057,WD2-3
ECTS Unassigned Steering Circuits	070
Energy Communication Service Extensions	075
FRLs	283
HM Authorization Codes	279,WD2
Hunt From Extensions	076
Miscellaneous Trunk Restrictions Groups	175
Trunk Maintenance Busy Lists	106
UCD/DDC	025,WD2-4

- (4) To remove data, use the display operation to display the data to be removed and depress REMOVE, EXECUTE, DISPLAY, EXECUTE.
- (g) Make the necessary changes to any other procedure(s) required to accomplish the task using Steps (d), (e), and (f).
- (h) Record all administrative changes in the CAR and verify that they are correct.
- (i) Perform any other tasks which require the use of the CAP.
- (j) Turn to the Run Tape flipchart (Procedure TPE) and load the translation changes on the tape by depressing RUN TAPE, EXECUTE. When the tape is updated, field 1 of the display contains a dash and the WAIT lamp extinguishes (see Note).
- (k) Park the tape by depressing PARK TAPE, EXECUTE.
- (l) Turn the ON/OFF switch to the OFF position.
- Note:** If a system reload occurs due to a power failure or some other reason, and the run tape operation has not been performed, any

translation changes made prior to the reload are lost. The CAP user must reenter all changes prior to performing the run tape operation.

4. SYSTEM OPERATION

4.01 The system operation of the CAP is identical to that of the MAAP, with the exception of the screening of procedures. The location of the CUST PROC NO. key facilitates the screening process. If an invalid procedure number is entered, an error message of 70 is generated.

4.02 The CAP circuit displays information for administrative operations. The circuit detects and stores control key depressions and, on command, transmits the information to the processor. The control key depressions provide the means for the customer to interrogate the system status and make changes in the system. Certain status information is also displayed by software- and/or hardware-controlled LEDs.

4.03 The CAP receives a series of pulses via a 4-wire data transfer circuit connected to the I/O data bus. The received data is converted to standard logic levels and decoded to write displays or light LEDs. The CAP transmits a response word simultaneously to any input word on a bit-for-bit basis. When the input word is a read command, the output word contains the address data of any depressed key. If a key has not been depressed, or when any write command is received, the output word is an echo, or repeat, of the input word.

4.04 When the CAP is turned on via the ON/OFF switch, a clock signal is used by the scanner and control circuit to generate key scan decoding signals. The signals continuously scan all keys to detect a key depression. When a key depression is detected for two consecutive scans, the key address is translated into the proper code; and, if it is not a RUN TAPE, CUST PROC NO., RESET, or PARK TAPE key, the code is placed into the stimulus buffer.

4.05 When the RUN TAPE, EXECUTE keys are depressed, an immediate page request is generated to the procedure that copies translations onto the tape. A message is sent to the CAP to light the WAIT lamp. Once lighted, the WAIT lamp remains lighted until all translations have been recorded on the tape. If the system is a duplicated processor system, the translation memories are compared while

the on-line tape is updated. If the on-line tape updates successfully, the off-line tape is updated. If the update of either tape is unsuccessful, an error code is displayed, indicating which tape failed to update successfully. Whenever there is an error given or after the tapes are updated, any subsequent run tape request updates the on-line tape only.

4.06 When the CUST PROC NO., EXECUTE keys are depressed, the procedure currently displayed in the CAP procedure field is terminated and the status is set for receiving a procedure number. After the procedure number has been entered and the ENTER key has been depressed, an off-line software program is read from the tape cartridge into the paging buffer. The WAIT lamp is lighted and remains lighted until the read operation has been completed.

4.07 When a stimulus indicates that a particular LED or display field is to be lighted, a write command is generated and the contents of the display driver table are sent to the CAP. Each software message to light a lamp or display field is constructed by reading the data bits from the display driver table and inserting the address of the LED or display field to form a data word in the format recognized by the CAP interface hardware.

CHARACTERISTICS

5. FEATURE ASSIGNMENT

5.01 The CAP is provided on a per-system basis.

6. LIMITATIONS

6.01 The CAP may be located at any convenient operation position that is within approximately 300 meters (1000 cable feet) of the associated PBX.

6.02 The CAP may only access the procedures shown in Fig. 5 through 139.

6.03 Certain procedures contain fields which may be administered via the MAAP but not the CAP. These fields are indicated by "DISPLAY ONLY" on the applicable flipcharts.

7. INTERACTIONS

7.01 If the MAAP, CACS, or RMATS is being used, the CAP remains inoperative until the other unit is disconnected. The CAP is not affected by traffic data collection via the CACS or RMATS.

8. RESTRICTION CAPABILITY

8.01 None provided.

INCORPORATION INTO SYSTEM**9. INSTALLATION/ADDITION/DELETION**

9.01 There are no special administration procedures used for administration of the CAP.

10. HARDWARE REQUIREMENTS

10.01 The following hardware items are required for the CAP feature:

- J58882DD1, L1—Customer Administration Panel
- ED-1E397-70 — Interface unit
- J58882DB, L2—Alarm panel (duplicated processor); or,

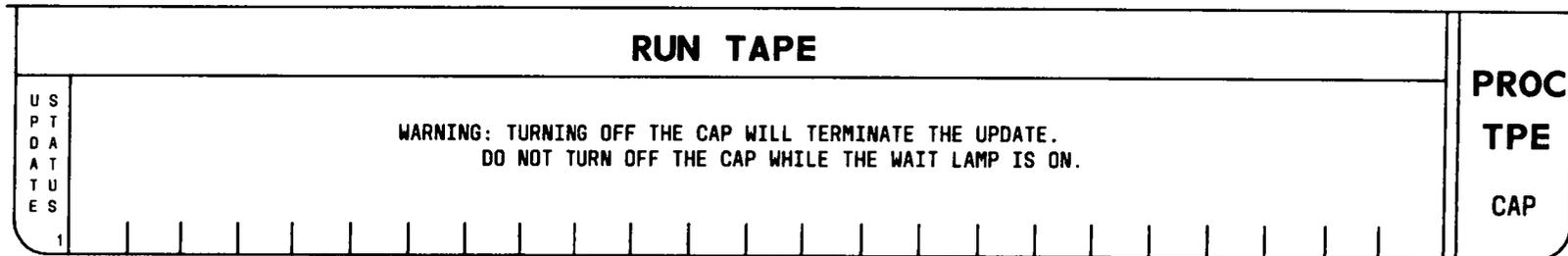
- J58882DA, L2—Alarm panel (unduplicated processor).

Note 1: Either the J58882DB, L2 alarm panel or the J58882DA, L2 alarm panel supplies power for the interface unit. This is a standard alarm panel for all new DIMENSION 400E, 600, 2000, or Custom PBXs. When the CAP is being added as a retrofit to an existing system, either panel should be ordered, depending on whether a duplicated (dual) processor or an unduplicated (single) processor is being used.

Note 2: A sensor lead has been added to each MAAP connector in the PBX in order that the CAP interface unit can detect that the MAAP is plugged in and deny the CAP access to the data channel.

10.02 When adding the CAP as a retrofit, connector bracket ED-1E369-70, G3, WA is required for a duplicated processor system and connector bracket ED-1E369-70, G4, WB is required for an unduplicated processor system. An A&M wiring option is available which allows the use of group 1 and 2 MAAP connector brackets in lieu of ordering new connector brackets. Refer to Section 554-010-141 for this information.





USE:

This PROC provides an automatic status report of the RUN TAPE operation upon depression of the RUN TAPE, EXECUTE buttons.

OPERATION:

- RUN TAPE - 1. Press RUN TAPE, EXECUTE.
 2. The following codes are automatically displayed in field 1:

<u>Codes</u>	<u>Meaning</u>
1	The on-line tape is being updated.
2	The off-line tape is being updated.
3	When an error has interrupted the updating operation or only one tape of a duplicated system has been updated. Subsequent RUN TAPE operations will only update the on-line tape and field 1 will display a 3.
Dash (-)	Mounted tape or tapes (duplicated system) have been successfully updated.

SPECIAL ERROR CODE (UNDUPLICATED SYSTEM):

83 - On-line tape failed to complete the update.

SPECIAL ERROR CODES (DUPLICATED SYSTEM):

- 75 - Translation memories were compared and do not match.
- 83 - On-line tape failed to complete update.
- 84 - Off-line tape failed to complete update.
- 85 - Cannot access off-line processor.

Fig. 5—PROC TPE [Feature Packages] (FPs) 7, 8, 9, 11, 12]

LINE TRANSLATION—SINGLE LINE								PROC 000 CAP	
WORD 1	LINE EXTENSION NUMBER	EQUIPMENT LOCATION				CLASS OF SERVICE	DISPLAY ONLY		
		MODULE	C A B I N E T	C A R R I E R	SLOT		C I R C U I T	USE THE PROCEDURE(S) SHOWN BEFORE REMOVING DISPLAYED LINE	
		1	2	3	4	5	6	7	8

USE:

This PROC is used to display, add, change, and remove the equipment location and/or class of service of a single line.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-0-0, **ENTER**.

DISPLAY BY -1. Load the PROC.
LINE NUMBER 2. Dial "Line Ext. Number", **ENTER**.
3. Press **DISPLAY, EXECUTE** (Note 1).
4. NEXT DATA steps field 8.

DISPLAY BY -1. Load the PROC.
EQUIPMENT 2. Dial **ENTER, "Module", ENTER,**
LOCATION "Cabinet", **ENTER, "Carrier", ENTER,**
"Slot", **ENTER, "Circuit", ENTER**.
3. Press **DISPLAY, EXECUTE** (Note 2).
4. NEXT DATA steps field 8.

CHANGE -1. Display the PROC.
CLASS OF 2. Press **CHANGE FIELD**, dial 7, **ENTER**.
SERVICE 3. Dial new "Class of Service", **ENTER**.
4. Press **CHANGE, EXECUTE**.

CHANGE -1. Display the PROC.
EQUIPMENT 2. Press **CHANGE FIELD**, dial number of
LOCATION field to be changed, **ENTER**.
OF AN 3. Dial "New Data", **ENTER**.
EXTENSION 4. Repeat Steps 2 and 3 to change
other fields.
5. Press **CHANGE, EXECUTE**.

ADD A LINE -1. Display by line number.
2. Dial **ENTER, "Module", ENTER,**
"Cabinet", **ENTER, "Carrier", ENTER,**
"Slot", **ENTER, "Circuit", ENTER**.
3. Dial "Class of Service", **ENTER**.
4. Press **ADD, EXECUTE**.

ADD AN ECTS-1. Display by line number.
EXTENSION 2. Press **CHANGE FIELD**, dial 7, **ENTER**.
3. Dial "Class of Service", **ENTER**.
4. Press **ADD, EXECUTE**.

REMOVE A -1. Display by line number.
LINE 2. Press **REMOVE, EXECUTE**.
(Notes 3
and 4)

EXPLANATION OF FIELDS:

Field 1 - Line extension number.
Fields 2 thru 6 - Equipment location for the PBX
extension in field 1.
Field 7 - Class of service for the PBX extension
in field 1.
Field 8 - The procedure shown in field 8 must be
used to remove data before 'REMOVE' or
'CHANGE' can be used here.

Fig. 6—PROC 000, WORD 1 (FPs 7, 8, 9, 11, 12) (Sheet 1 of 2)

NOTES:

1. When displaying this PROC by line number, fields 2 thru 6 are dashed if the extension is assigned to ECTS.
2. When displaying this PROC by equipment location, field 1 is dashed if the equipment location is assigned to ECTS.
3. (a) Removing the data in WORD 1 removes the associated data in WORD 2.
(b) The Remove operation can only be done when 000 is displayed in field 8. If a PROC number other than 000 is displayed, data must be removed in that PROC before removing data in this procedure. Pressing **NEXT DATA** will step field 8.
4. If the extension being removed has an associated extension assigned in PROC 001, remove the associated extension in PROC 001 first.
5. The Automatic Message Waiting lamp must be turned off (all messages delivered) before a station can be removed.

SPECIAL ERROR CODES:

- 82 - Either the equipment location or extension number can be changed, but not both. The extension must exist before it can be changed.
- 85 - The PROC displayed in field 8 must be used before the Remove operation is allowed.
- 87 - Class-of-service 31 is not allowed.
- 88 - Line extension number is a trunk or feature access code.

Fig. 6—PROC 000, WORD 1 (FPs 7, 8, 9, 11, 12) (Sheet 2 of 2)

LINE TRANSLATION—SINGLE LINE										PROC 000 CAP
WORD 2	LINE EXTENSION NUMBER	HUNT TO	A U X I A N Y N U M B E R	CALL PICKUP GROUP	CONT. REST. GROUP	CALL COVERAGE		AP		
						COVERAGE GROUP				

USE:

This PROC is used to display or change translation information associated with a single line.

OPERATION:

LOAD PROC -1. Press **CUST PROC NO**; dial 0-0-0, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.

DISPLAY -1. Load the PROC.
2. Dial "Line Extension Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to step through all valid extension numbers.

CHANGE DATA -1. Display the PROC.
2. Press **CHANGE FIELD**, dial the number of the field to be changed, **ENTER**.
(See Notes 1 and 2) 3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE**, **EXECUTE** or **ADD**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Contains station number.
Field 2 - Hunting assignment for the extension in field 1. The extension in field 1 hunts to the extension in field 2. A Blank or a 0 in field 2 indicates the extension in field 1 does not hunt. The size of a hunt group is limited to 30 stations. Use PROC 076 to find other stations in the hunt group.

Field 3 - If the PBX is equipped with ANI, this entry allows toll billing to a common billing number when this extension places a toll call. A 0 in this field indicates toll calls are billed to the extension entered in field 1; a 1 indicates toll calls are billed to the auxiliary ANI number.

Field 4 - Contains the call pickup group number for the extension in field 1. A blank or a 0 in field 4 means this extension is not in a call pickup group. Field 4 must be in the range of 0 thru 255. Use PROC 075 to find all extension in a call pickup group.

Field 5 - Contains the controlled restriction group for the extension in field 1. Legal entries for this field are 0 thru 63. A 0 indicates the extension does not belong to a controlled restriction group. There is no limit to the number of extensions which may be assigned to a particular group. Use PROC 075 to find all extensions in a group.

Field 6 - Contains the Call Coverage group that is used by this extension. Valid entries are 0-1445. 0 means that the extension has no coverage group assigned. Use Procedure 075 to find all extensions using a certain Call Coverage group.

Field 7 - AP Number.
0 = Not assigned to an AP.
1,2 = Assigned to AP 1 or 2.

NOTES:

- To remove data in fields 2 thru 5, enter a 0 in the appropriate field and use **CHANGE**, **EXECUTE**.
- If the line extension to be removed has an associated extension, remove the associated extension first.

SPECIAL ERROR CODE:

85 - Use **DISPLAY**, **EXECUTE** in **WORD 1** to identify the procedure that must be used to administer this extension number.

Fig. 7—PROC 000, WORD 2 (FPs 7, 8, 9, 11, 12)◄

LINE TRANSLATION-MULTIPLE EXTENSION										PROC 001 CAP
PRIMARY EXTENSION	ASSOCIATED EXTENSION	P R I O R I T Y	E X T E N S I O N	3	2	1				

USE:

This PROC is used to add, display, or remove extension numbers to be associated with existing assigned extension numbers.

OPERATION:

- LOAD PROC** - Press **CUST PROC NO**; dial 0-0-1, **ENTER**.
- DISPLAY BY PRIMARY EXTENSION** - 1. Load the PROC.
2. Dial "Primary Extension", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all associated extensions assigned to the primary extensions.
- DISPLAY BY ASSOCIATED EXTENSION** - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "Associated Extension", **ENTER**.
- ADD AN ASSOCIATED EXTENSION** (See Notes 1 and 2) - 1. Display by primary extension.
2. Press **ENTER**.
3. Dial "Associated Extension", **ENTER**.
4. Press **ADD, EXECUTE**.
- REMOVE AN ASSOCIATED EXTENSION** - 1. Display by associated extension.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - This is the number of the PBX extension to be (Note 3) accessed when the associated number is dialed; for UCD/DDC or CMS/UCD, the controlling extension of a group.

- Field 2 - This number can be used as an alternate to access (Note 3) the primary extension; for UCD/DDC or CMS/UCD, this is the number used to access the group.
- Field 3 - 0 = Field 2 extension is not a priority extension.
1 = Field 2 extension is a priority extension.

NOTES:

1. An associated extension cannot be a primary extension.
2. An associated extension cannot have been previously assigned using PROC 000.
3. When an associated extension (which is not assigned to a UCD/DDC group or CMS/UCD split) is dialed, the system treats the call exactly as if the primary extension were dialed. If the associated extension is assigned to a primary extension which is the controlling extension of a UCD/DDC group or CMS/UCD split, then the call enters the group queue and is answered by the first idle group member.

SPECIAL ERROR CODES:

- 81 - Input associated extension is not related to the input primary extension.
- 82 - See Note 1.
- 83 - See Note 2.
- 84 - Primary and associated numbers must have at least 3 digits.
- 85 - Number of digits in associated number must equal the number of digits in the primary number.
- 86 - An associated extension can not have been previously assigned as an LDN.
- 87 - Only one priority associated extension per priority extension.

Fig. 8—PROC 001 (FPs 8, 11, 12)



SPECIAL LINE - ASSIGNED FEATURES										PROC 002 CAP
LINE EXTENSION NUMBER	E C T Y P E								DISPLAY ONLY	
1	2									

USE:

This PROC is used to display or change energy communication (EC) load types to room extension numbers.

OPERATION:

LOAD PROC - Press **CJST PROC NO.**; dial 0-0-2, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Line Extension Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.

CHANGE EC LOAD TYPE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial the "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - The room extension number may be any 2-, 3-, or 4-digit number.
- Field 2 - Energy communication load type.
0 - No EC load.
1 - Individual (administrative) EC load.
2 - Guest room EC load.
- Field 3 - Class of service assigned to the extension number in field 1.

SPECIAL ERROR CODES:

- 81 = The extension number must be assigned to an equipment location in PROC 000.
- 82 = The wrong class of service has been used for the load type. Use PROC 075 to find EC lines with the desired class of service.
- 83 = Inputted extension is an associated extension (PROC 001) or a 1/2 digit extension code (PROC 353).

Fig. 9—PROC 002 (FPs 9, 11)

SPECIAL ERROR CODE:

- 81 - Field 6 in Procedure 010, Word 3 must be cleared before setting fields 6, 7, 10, or 13-15.
- 83 - COS 31 must have TT = 1 (field 15)
- 84 - COS 31 must have TT = 1 (field 15) (FP8, ISS 2)
- 84 - For HM room, class of service must not be greater than 20. (FP9 and FP11)
- 85 - Class of service assigned to HM room(s) with energy communication; refer to PROC 075 and PROC 002 to resolve conflict(s).

**PROC 010, WORD 1 LINE CLASS-OF-SERVICE
FIELD TO FEATURE PACKAGE APPLICATIONS CHART**

FIELD	FP7	FP8 ISS 1	FP8 ISS 2/3	FP9	FP11	FP12
1	X	X	X	X	X	X
2	X	X	X	N	X	X
3	X	X	X	N	X	X
4	X	X	X	N	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	N	X	X
11	N	N	N	X	X	N
12	N	N	N	X	X	N
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	N	X	X
17	N	N	N	X	X	N
18	N	N	N	X	X	N
19	N	N	N	X	X	N
20	N	X	N	N	X	X
21	N	X	N	N	X	X
22	N	N	N	N	X	N
23	N	N	X	N	N	N

X - means applicable in Feature Package
N - means not applicable to Feature Package

Fig. 10—PROC 010, WORD 1 (FPs 7, 8, 9, 11, 12) (Sheet 2 of 2)

LINE CLASS OF SERVICE-RESTRICTIONS																							PROC 010 CAP	
WORD 2	CLASS OF SERVICE	MISC. TRUNK RESTRICTION GROUP										OFF NET APPL T	RUSH- RESTRICTION CODE	DATA	DID	FULL	IN WARD	MAN LINE	ORIGINATION	OUT WARD	TERMINATION	TOLL		TOLL ARSL
		1	2	3	4	5	6	7	8	9	ALL													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

USE:

This PROC is used to display or change the restriction(s) applicable to a class of service and to assign a Facility Restriction Level (FRL).

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-1-0, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Class of Service", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
- CHANGE COS RESTRICTION ASSIGNMENTS** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial the "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE**, **EXECUTE** or **ADD**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Contains COS number. Must be in the range of 0 thru 63.
Fields 2 thru 10 - A 1 in any of these fields restricts the stations with COS in field 1 from accessing the trunk group associated with the miscellaneous trunk restriction group. A 0 indicates not restricted.
Field 11 - Advanced Private Line Termination off-network restriction:
0 = Not restricted
1 = Restricted.
Field 12 - Code restriction level:
0 = Not restricted.
1 = Access to trunks with a restriction level of 1 only.
2 = Access to trunks with restriction levels of 1 and 2 only.
3 = Access to trunks with restriction levels of 1, 2, and 3 only.
Fields 13 thru 21 - Designated restriction is:
0 = Not restricted
1 = Restricted.
Field 22 - Automatic route selection toll:
0 = Not restricted to ARS toll access code.
1 = Restricted to ARS toll access code.
Field 23 - Facility restriction level. Must be in the range of 0 thru 7, with 0 being the most restrictive.

NOTES:

1. A line COS cannot be added or removed.
2. Fields 11, 22 and 23 are not used with FP9.

SPECIAL ERROR CODE:

- 81 - Field 6 in PROC 010, Word 3 must be cleared before clearing field 13.
83 - COS 31 is not allowed for manual line termination (field 17) (FP7 only).

Fig. 11—PROC 010, WORD 2 (FPs 7, 8, 9, 11, 12)

LINE CLASS OF SERVICE-FEATURES						PROC 010 CAP
WORD 3	CLASS OF SERVICE	CALL FORW NET	LEAVE WD CALL	SE ND ALL	DATA PORT	
	1	2	OR IG	TER M	5	6

USE:

This procedure is used to display and change some features available to a class of service.

OPERATION:

LOAD PROC - 1. Depress **CUST PROC NO.**; dial 0-1-0, **ENTER**.
2. Depress **WORD NO**; dial 3; **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial Class of Service, **ENTER**.
3. Depress **DISPLAY**, **EXECUTE**.

CHANGE COS FEATURES - 1. Display the PROC.
2. Depress **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial the new data, **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Depress **CHANGE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Class of service number.
Range is 0-63.

Field 2 - 0 = Call forwarding off-net not allowed.
1 = Call forwarding off-net allowed.

Fields 3-5 - 0 = Feature not active.
1 = Feature active.

Field 6 - 0 = Not a data port.
1 = Data port that can be used for terminal dialing.

SPECIAL ERROR CODES:

81 - Field 13 of Procedure 010, Word 2 must be set before setting the data port field.
Fields 6, 7, 10-15, 17, 18, and 20 of Procedure 010, Word 1 must be cleared before setting the data port field.

Fig. 12—PROC 010, WORD 3 (FP 8, Iss 3)

COVERAGE CRITERIA-D/A INTERVAL-PATH										PROC 011 CAP
COVERAGE GROUP	CRITERIA				D P R I N T I N T E R P R E T I O N A L	U N D E R G R O U P	COVERAGE PATH			
	EXT EN S I O N	B U S Y	ALL	D/A			FIRST POINT	SECOND POINT	THIRD POINT	
1	2	3	4	5	6	7	8	9	10	

USE:

This procedure is used to display; add, change, or remove Call Coverage parameters for a coverage group.

OPERATION:

LOAD PROC - 1. Depress **CUST PROC NO.**; dial 0-1-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial coverage group, **ENTER**.
3. Depress **DISPLAY**, **EXECUTE**.

ADD - 1. Load the PROC.
2. Enter data into each field, as required, followed by **ENTER**.
3. Depress **ADD**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

CHANGE - 1. Display the PROC.
2. Depress **CHANGE FIELD**, the field number to be changed, the new data, depress **ENTER**. Repeat for any other data to be changed.
3. Depress **CHANGE**, **EXECUTE**, and **DISPLAY**, **EXECUTE**.

REMOVE - 1. Display the information to be removed.
2. Depress **REMOVE**, **EXECUTE**, and **DISPLAY**, **EXECUTE**.

Fig. 13—PROC 011 (FP 8, Iss 3) (Sheet 1 of 2)

EXPLANATION OF FIELDS:

- Field 1 - Coverage group. Limits are system dependent.
Maximum number of lines divided by 5 minus 1.
- Field 2 - Not used at this time.
- Fields 3 thru 5 - Coverage is provided to a called station when busy, for all calls, or when there is no answer.
- 0 = No coverage.
 - 1 = Station calls.
 - 2 = Attendant or trunk calls.
 - 3 = Both 1 and 2.
- Field 6 - Principal no answer interval.
Limit is 0, 2-6 in ring cycles.
- Field 7 - UCD group indicator.
- 0 = Last point in the path is not a UCD group.
 - 1 = Last point in the path is a UCD group.
- Fields 8 thru 10 - Extensions or UCD groups representing points in a coverage path.

SPECIAL ERROR CODES

- 81 - If field 5 is non-zero, field 6 must be 2-6 (Field 6 default is 3 ring cycles).
- 82 - Data in fields 8-10 must be entered left-to-right, no gaps
- 83 - Associated extensions are not allowed.
- 84 - Extension is not assigned.
- 85 - UCD group number is not assigned.
- 86 - No extension or UCD group may appear more than once in coverage path.

Fig. 13—PROC 011 (FP 8, Iss 3) (Sheet 2 of 2)

HOT LINE ASSIGNMENT								PROC 020 CAP
LINE EXTENSION NUMBER	TRUNK DIAL CODE			D F O R A L T O L L S	NPA CODE	OFFICE CODE	LINE EXTENSION NUMBER OR SPECIAL ACCESS CODE	
	1ST DIGIT	2ND DIG	3RD DIG					
	1	2	3	4	5	6	7	8

USE:

This PROC is used to add, remove, change, or display lines designated as hot lines.

OPERATION:

LOAD PROC -1. Press **CUST PROC NO**; dial 0-2-0, **ENTER**.

DISPLAY -1. Load the PROC.
2. Dial "Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.

ADD OR CHANGE -1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be added or changed.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to add or change other fields.
5. Press **ADD, EXECUTE** or **CHANGE, EXECUTE**.

REMOVE -1. Display the PROC for the hot line to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Hot line extension number. Valid entries are any assigned 2-, 3-, or 4-digit extension number (must be assigned in PROC 000 first).

Field 2 - First digit of trunk dial access code. Valid entries are 1 thru 12 and dash, where 11 = * and 12 = #.

Field 3 - Second digit of trunk dial access code. Valid entries are 0 thru 9 and dash.

Field 4 - Third digit of trunk dial access code. Valid entries are 0 thru 9 and dash.

Field 5 - Dial 1 for toll. Valid entries are:
0 = Traffic service position system (TSPS) operation.

1 = Dial 1 for toll calls.

dash = Neither of the above apply.

Field 6 - Area code.

Field 7 - Office code.

Field 8 - Line extension number or special access code. The line extension number may be either the last four digits of outdialed number or a PBX extension number. If field 8 contains a PBX extension number, field 2 thru 7 should contain dashes. The special access code may be a paging zone and answer-back channel. In this case, the paging access code would appear in fields 2 thru 4 and fields 5 thru 7 would contain dashes.

SPECIAL ERROR CODES:

82 - Trunk dial access code must first be assigned using PROC 100 (not available to CAP).

83 - Paging zone and answer-back channel (field 8) limited to a maximum of three digits.

84 - Telco service codes (field 8) limited to 3 digits only.

85 - One or more fields (2 thru 5) contain illegal dashes.

Fig. 14—PROC 020 (FPs 9, 11)

CUSTOM INTERCOM - CONTROL EXT. & SIZE											PROC 021 CAP
W O R D	CONTROLLING LINE EXTENSION NUMBER	INTER- COM GROUP SIZE									
			1	2							

USE:

This PROC is used to display, add, change, or remove the Custom Intercom controlling extension and group size.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-2-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to find the controlling station.

ADD NEW GROUP - 1. Load the PROC
2. Dial "Controlling Line Extension Number", **ENTER**, "Intercom Group Size", **ENTER**.
3. Press **ADD, EXECUTE**.

CHANGE CONTROLLING EXTENSION (See Note) - 1. Display the PROC.
2. Dial the new "Controlling Extension", **ENTER**.
3. Press **CHANGE, EXECUTE**.

CHANGE GROUP SIZE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial new "Intercom Group Size", **ENTER**.
4. Press **CHANGE, EXECUTE**.

REMOVE AN ENTIRE GROUP - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Controlling line extension number. This extension may add or remove members of the group, providing a custom intercom change list access code is assigned.
Field 2 - The size of the group (list) is entered in this field. Legal entries are either 10 and 20 or 10 and 30 (See PROC 275, WD3)

NOTE:

Changing the controlling extension in this WORD also changes the controlling extension in WORDs 2 and 3. The original controlling extension becomes an allowed extension.

SPECIAL ERROR CODES:

80 - Controlling extension is assigned.
81 - Controlling extension is not assigned.
82 - See explanation of field 2.
83 - Use **CHANGE, EXECUTE** to assign a new controlling extension or to change the size of an existing group.
84 - An associated extension cannot be a controlling extension.

Fig. 15—PROC 021, WORD 1 (FPs 7, 8, 11, 12)

CUSTOM INTERCOM - MEMBERS											PROC 021 CAP		
W O R D	CONTROLLING LINE EXTENSION NUMBER			MEMBER NUMBER		LINE EXTENSION NUMBER							
	2			1		2			3				

USE:

This PROC is used to display, add, change, or remove Custom Intercom list members. This WORD assigns a member number to each member of the list (see Note 1).

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-1, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY MEMBERS** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**, "Member No.", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** repeatedly to find all members of the intercom group.
- ADD A MEMBER** - 1. Display the PROC. Dashes must appear in fields 2 and 3.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "Member Number", **ENTER**, "Line Ext. No.", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.
- CHANGE A MEMBER** - 1. Display the PROC for the member to be changed.
2. Press **CHANGE FIELD**, dial 3, **ENTER**.
3. Dial the new "Line Ext. No.", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.
- REMOVE A MEMBER** - 1. Display the PROC for the member to be removed.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Controlling line extension number.
Field 2 - For various list sizes, member numbers are:

<u>LIST SIZE</u>	<u>VALID MEMBER NUMBERS</u>
10	0 thru 9
20	10 thru 29
30	10 thru 39

Field 3 - Contains the line extension number being defined. It is this extension which is called when the member number is dialed by a controlling or an allowed extension.

NOTE:

- The controlling line extension must be assigned in WORD 1 before this WORD can be used.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 82 - See field 2 explanation.
- 84 - An associated extension cannot be a controlling extension.

Fig. 16—PROC 021, WORD 2 (FPs 7, 8, 11, 12)

CUSTOM INTERCOM - ALLOWED EXT.											PROC 021 CAP
WORD	CONTROLLING LINE EXTENSION NUMBER			ALLOWED LINE EXTENSION NUMBER							
3			1			2					

USE:

This PROC is used to display, add, change, or remove the users (allowed extensions) of a Custom Intercom list (see Note 1).

OPERATION:

- LOAD PROC** - 1. Press **CJST PROC NO**; dial 0-2-1, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.
- DISPLAY BY CONTROLLING EXTENSION** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** repeatedly to find all allowed extensions.
- ADD OR CHANGE AN ALLOWED EXTENSION** (See Note 2) - 1. Display the PROC.
2. Press **NEXT DATA** until dashes appear in field 2.
3. Press **CHANGE FIELD**; dial 2, **ENTER**.
4. Dial "Allowed Extension", **ENTER**.
5. Press **ADD, EXECUTE**.
- REMOVE AN ALLOWED EXTENSION** - 1. Display the PROC for the allowed extension to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Controlling extension number.
Field 2 - Allowed extension number.

NOTES:

1. The controlling line extension must be assigned in WORD 1 before this WORD can be used.
2. The controlling extension is always an allowed extension. An allowed extension cannot be a controlling extension of another group.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 82 and 83 - See Note 2.
- 84 - An associated extension cannot be a controlling or an allowed extension.

Fig. 17—PROC 021, WORD 3 (FPs 7, 8, 11, 12)

SPEED CALLING CONTROL EXT & LIST SIZE											PROC 022 CAP	
WORD	CONTROLLING LINE EXTENSION NUMBER				LIST SIZE							
1				1	2							

USE:

This PROC is used to display, add, change, or remove the Speed Calling controlling extension and list size.

OPERATION:

- LOAD PROC** - Press **CUST PROC NO**; dial 0-2-2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
- ADD NEW LIST** - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**, "List Size", **ENTER**.
3. Press **ADD, EXECUTE**.
- CHANGE CONTROLLING EXTENSION** (See Note) - 1. Display the PROC.
2. Dial the new "Controlling Extension", **ENTER**.
3. Press **CHANGE EXECUTE**.
- CHANGE LIST SIZE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial new "List Size", **ENTER**.
4. Press **CHANGE, EXECUTE**.
- REMOVE AN ENTIRE LIST** - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Controlling line extension number. This extension may add or remove members of the list, providing a speed calling change access code is assigned.
- Field 2 - The size of the list is entered in this field. Legal entries are either 10 and 20 or 10 and 30 (see PROC 275, WD3).

NOTE:

1. Changing the controlling extension in this WORD also changes the controlling extension in WORDS 2 and 3. The original controlling extension becomes an allowed extension.

SPECIAL ERROR CODES:

- 80 - Controlling extension is assigned.
81 - Controlling extension is not assigned.
82 - See explanation of field 2.
83 - Use **CHANGE, EXECUTE** to assign a new controlling extension or to change the size of an existing list.
84 - An associated extension cannot be a controlling extension.

Fig. 18—PROC 022, WORD 1 (FP 7)

SPEED CALLING - SMDR								PROC 022 CAP
WORD 3	CONTROLLING LINE EXTENSION NUMBER	LIST ENTRY NUMBER	SMDR CODE			SMDR ACCOUNT NUMBER	DISPLAY ONLY	
			1ST DIGIT	D 2 I N G D I T 4	D 3 I R G D I T 5		U W O R D S E	LIST SIZE
		1						8

USE:

This PROC is used to display, add, change, or remove the Station Message Detail Recording (SMDR) entries in a speed calling list.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-2, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.
- DISPLAY SMDR CODES** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**, "List Entry Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to search list.
- ADD AN SMDR ENTRY** - 1. Display the PROC. Dashes must appear in fields 2 thru 6.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "List Entry Number", **ENTER**, "First Digit", **ENTER**, "Second Digit", **ENTER**, "Third Digit", **ENTER**, "SMDR Account No", **ENTER**.
4. Press **ADD**, **EXECUTE**.
- CHANGE AN SMDR ENTRY** - 1. Display the PROC for the SMDR entry to be changed.
2. Press **CHANGE FIELD**; dial the number of the first field to be changed, **ENTER**.
3. Dial "New Data", **ENTER** (see Note 1).
4. Press **CHANGE**, **EXECUTE**.
- REMOVE AN SMDR ENTRY** - 1. Display the PROC for the SMDR entry to be removed.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - The controlling line extension must be assigned in WORD 1 before this WORD can be used.

Field 2 - For various list sizes, the entry numbers are:

LIST SIZE	VALID ENTRY NUMBERS
10	0 thru 9
20	10 thru 29
30	10 thru 39

Fields 3 thru 6 - These fields contain the SMDR code and account number associated with the list entry number in field 2.

Field 7 - If a 2 is displayed in this field, this WORD cannot be used. Use WORD 2 of this PROC.

Field 8 - The size of the list is entered into this field. Legal entries are either 10 and 20 or 10 and 30 (See PROC 275, WORD 3).

NOTE:

- If data is to be changed in other fields of this word, press **ENTER** repeatedly until the next field to be changed flashes. Dial the "New Data" and **ENTER**.

SPECIAL ERROR CODES:

- 80 - See field 1 explanation.
81 - See field 7 explanation.
82 - See field 2 explanation.
84 - An associated extension cannot be a controlling extension.

Fig. 20—PROC 022, WORD 3 (FP 7)

SPEED CALLING - ALLOWED EXTENSIONS														PROC 022 CAP		
W O R D	CONTROLLING LINE EXTENSION NUMBER				ALLOWED LINE EXTENSION NUMBER											
				1				2								

USE:

This PROC is used to display, add, change, or remove the users (allowed extensions) of a speed calling list.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-2, **ENTER**.
2. Press **WORD NO**; dial 4, **ENTER**.
- DISPLAY BY CONTROLLING EXTENSION** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** repeatedly to cycle thru the list of allowed extensions.
- ADD OR CHANGE AN ALLOWED EXTENSION** - 1. Display the controlling extension.
2. Press **NEXT DATA** until dashes appear in field 2.
3. Press **CHANGE FIELD**; dial 2, **ENTER**.
4. Dial "Allowed Extension", **ENTER**.
5. Press **ADD, EXECUTE**.
- REMOVE AN ALLOWED EXTENSION** - 1. Display the allowed extension to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Controlling extension must be assigned in WORD 1
The controlling extension is always an allowed extension.
- Field 2 - An allowed extension cannot be a controlling extension of another speed call list.

SPECIAL ERROR CODES:

- 80 and 81 - See field 1 explanation.
82 - See field 2 explanation.
84 - An associated extension cannot be a controlling or an allowed extension.

Fig. 21—PROC 022, WORD 4 (FP 7)

SPEED CALLING CONTROL EXT. AND LIST SIZE											
W O R D	CONTROLLING LINE EXTENSION NUMBER	LIST SIZE									PROC 023 CAP
			1	2							

USE:

This PROC is used to display, add, change, and remove the Speed Calling controlling extension and list size.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; 0-2-3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**
4. Use **NEXT DATA** to find controlling extensions
- ADD NEW LIST** - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**, "List Size", **ENTER**.
3. Press **ADD, EXECUTE**.
- CHANGE CONTROLLING EXTENSION** (See Note) - 1. Display the PROC
2. Dial the new "Controlling Extension". **ENTER**.
3. Press **CHANGE EXECUTE**.
- CHANGE LIST SIZE** - 1. Display the PROC.
2. Display **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial new "List Size", **ENTER**.
4. Press **CHANGE, EXECUTE**.
- REMOVE AN ENTIRE LIST** - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Controlling line extension number. This extension may add or remove members of the list, providing a speed calling change access code is assigned.
- Field 2 - The size of the list is entered in this field. Legal entries are either 1 and 20 or 10 and 30. (See PROC 275, WD3)

NOTES:

- Changing the controlling extension in this WORD also changes the controlling extension in WORDS 2 through 5. The original controlling extension becomes an allowed extension.
- Use WORD 3 to assign or display trunk dial code.
- Use WORD 4 to assign or display trunk call digits.
- Use WORD 5 to assign or display SMDR code.
- Changes from one type to another is permitted in WORDS 3 and 5. Any assignment can be removed in WORD 3 or WORD 4.

Fig. 22—PROC 023, WORD 1 (FPs 8, 11, 12) (Sheet 1 of 2)

SPECIAL ERROR CODES:

- 82 - See explanation of field 2.
- 83 - Use **CHANGE**, **EXECUTE** to assign a new controlling extension or to change the size of an existing line.
- 84 - An associated extension cannot be a controlling extension.
- 85 - Display is required before **CHANGE**.

Fig. 22—PROC 023, WORD 1 (FPs 8, 11, 12) (Sheet 2 of 2)



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SPEED CALLING - ALLOWED EXTENSIONS			
W O R D 2	CONTROLLING LINE EXTENSION NUMBER	ALLOWED LINE EXTENSION NUMBER	PROC 023 CAP

USE:

This PROC is used to display, add, change, or remove the users (allowed extensions) of a speed calling list.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; 0-2-3, **ENTER**.
2. Press **WORD NO.**; dial 2, **ENTER**.
- DISPLAY BY CONTROLLING EXTENSION** - 1. Load the **PROC**.
2. Dial "Controlling Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** to cycle thru the list of allowed extensions.
- ADD AN ALLOWED EXTENSION** - 1. Display the controlling extension.
2. Press **NEXT DATA** to display dashes in field 2.
3. Press **CHANGE FIELD**; dial 2, **ENTER**.
4. Dial the "Allowed Line Extension Number", **ENTER**.
5. Press **ADD, EXECUTE**.
- CHANGE AN ALLOWED EXTENSION** - 1. Display the "allowed line extension number to be changed."
2. Press **CHANGE FIELD**; dial 2; **ENTER**.
3. Dial the new "allowed line extension number"; **ENTER**.
4. Press **CHANGE; EXECUTE**

- REMOVE AN ALLOWED EXTENSION** - 1. Display the allowed extension to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1** - The controlling extension must be assigned in **WORD 1**. The controlling extension is always an allowed extension.
- Field 2** - An allowed extension cannot be a controlling extension of another speed call list.

SPECIAL ERROR CODE:

- 81, 82 - See Field 1 Explanation.
83 - An associated extension cannot be a controlling or an allowed extension.
84 - See Field 2 Explanation

Fig. 23—PROC 023, WORD 2 (FPs 8, 11, 12)

SPEED CALLING TRUNK DIAL CODE OR EXTENSION							DISPL ONLY	PROC 023 CAP
W O R D 3	CONTROLLING LINE EXTENSION NUMBER	LIST ENTRY NUMBER	TRK DIAL CODE			EXTENSION NUMBER ONLY		
			1ST DIGIT	2 D I G I T	3 D I G I T			
	1	2	3	4	5	6		

USE:

This PROC is used to display, add, change, or remove numbers on a speed calling list. The WORD associates the outdialed (called) numbers with a one-or 2-digit speed calling code.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-3, **ENTER**.
2. Press **WORD NO.**; dial 3, **ENTER**.
- DISPLAY LIST NUMBERS** - 1. Load the PROC.
2. Dial "Controlling Line Extension Number", **ENTER**, "List Entry Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** repeatedly to display each list entry number.
- ADD AN ENTRY** - 1. Display the PROC. Dashes must be displayed in fields 2 thru 6.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "List Entry Number", **ENTER**. "First Digit", **ENTER**, "Second Digit" **ENTER**, "Third Digit", **ENTER**, Dial "Extension Number Only", **ENTER**.
4. Press **ADD, EXECUTE**.

- CHANGE AN ENTRY** - 1. Display the PROC for the list entry to be changed.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER** (see NOTE).
- REMOVE AN ENTRY** - 1. Display the PROC for the list entry to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - The controlling line extension must be assigned in WORD 1 before this WORD can be used.
- Field 2 - For various list sizes, the entry numbers are
- | LIST SIZE | VALID ENTRY NUMBERS |
|-----------|---------------------|
| 10 | 0 thru 9 |
| 20 | 10 thru 29 |
| 30 | 10 thru 39 |
- Fields 3 Thru 5 - These fields contain the trunk access code. For field 3: 11 = * and 12 = #.
- Field 6 - This field contains the extension number outdialed.
- Field 7 - Use the WORD displayed.

Fig. 24—PROC 023, WORD 3 (FPs 8, 11, 12) (Sheet 1 of 2)

NOTES:

1. If data is to be changed in other fields of this WORD, press **ENTER** repeatedly until the next field to be changed flashes. Dial the "New Data" and **ENTER**.
2. Either trunk dial access code (DAC) (fields 3-5) or extension number (field 6) can be added or changed, but not both.

SPECIAL ERROR CODES:

- 81 - See field 1 explanation.
- 82 - See field 2 explanation.
- 84 - An associated extension cannot be a controlling extension.

Fig. 24—PROC 023, WORD 3 (FPs 8, 11, 12) (Sheet 2 of 2)

SPEED CALLING - TRUNK DIGITS OUTDIALED																				
WORD 4	CONTROLLING LINE EXTENSION NUMBER	LIST ENTRY NUMBER	TRUNK DIGITS TO BE OUTDIALED																DISPL ONLY	PROC 023 CAP
			01	02	03	04	05	06	07	08	09	010	011	012	013	014	015	016	WORD USED	
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	

USE:

This PROC is used to display, add, change, and remove trunk digits on a Speed Calling list. This WORD associates the outdialed numbers with a 1- or 2-digit speed calling code.

OPERATION:

- LOAD PROC** - 1. Press **CJST PROC NO.**; 0-2-3, **ENTER**.
2. Press **WORD NO**; dial 4, **ENTER**.
"List Entry Number", **ENTER**.
- DISPLAY LIST NUMBERS** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**, "List Entry Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** repeatedly to display each list entry number.
- ADD AN ENTRY** - 1. Display the PROC. Dashes must be displayed in fields 2 thru 18.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "List Entry Number", **ENTER**, "Digit 1" (D1), **ENTER**, "Digit 2" **ENTER**, ... "Digit 16" (D16), **ENTER**.
4. Press **ADD**, **EXECUTE**.
- CHANGE AN ENTRY** - 1. Display the PROC for the list entry to be changed.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER** (see NOTE).
4. Press **CHANGE**, **EXECUTE**.

- REMOVE AN ENTRY** - 1. Display the PROC for the list entry to be removed.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Controlling line extension must be assigned in WORD 1 before this word can be used.

Field 2 - For various list sizes, the entry numbers are:

LIST SIZE	VALID ENTRY NUMBERS
10	0 thru 9
20	10 thru 29
30	10 thru 39

Field 3 thru 18 - These fields contain the trunk digits to be outdialed by the PBX when the number in field 2 is dialed.

Field 19 - Use the word displayed in this field.

NOTE:

If data is to be changed in other fields of this WORD, press **ENTER** repeatedly until the next field to be changed flashes. Dial the "New Data" and **ENTER**.

Fig. 25—PROC 023, WORD 4 (FPs 8, 11, 12) (Sheet 1 of 2)

SPECIAL ERROR CODES:

- 81 - Controlling line extension number must be assigned in WORD 1 first.
- 82 - See field 2 explanation.
- 83 - Trunk dial code must be assigned in WORD 3 first.
- 84 - An associated extension cannot be a controlling extension.
- 85 - Digits must be packed.

Fig. 25—PROC 023, WORD 4 (FPs 8, 11, 12) (Sheet 2 of 2)

SPEED CALLING CONTROL EXT. AND LIST SIZE										DISPL ONLY	PROC 023 CAP
W O R D 5	CONTROLLING LINE EXTENSION NUMBER	LIST ENTRY NUMBER	SMDR CODE			SMDR ACCOUNT NUMBER					
			1ST DIGIT	2 N D I G I T	3 D I G I T					4 D I G I T	

USE:

This PROC is used to display, add, change, or remove the Station Message Detail Recording (SMDR) entries in a speed calling list.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; 0-2-3, **ENTER**.
2. Press **WORD NO**; dial 4, **ENTER**.
- DISPLAY LIST NUMBERS** - 1. Load the PROC.
2. Dial "Controlling Line Ext. No.", **ENTER**, "List Entry Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** to search the list.
- ADD AN ENTRY** - 1. Display the PROC. Dashes must appear in fields 2 thru 6.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "List Entry Number", **ENTER**, "First Digit" **ENTER**, "Secone Digit" **ENTER**, "Third Digit", **ENTER**, "SMDR Account NO", **ENTER**.
4. Press **ADD, EXECUTE**.
- CHANGE AN ENTRY** - 1. Display the PROC for the SMDR entry to be changed.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER** (see NOTE).
4. Press **CHANGE, EXECUTE**.
- REMOVE AN SMDR ENTRY** - 1. Display the PROC for the SMDR entry to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - The controlling line extension must be assigned in WORD 1 before this WORD can be used.

Field 2 - For various list sizes, the entry numbers are:

LIST SIZE	VALID ENTRY NUMBERS
10	0 thru 9
20	10 thru 29
30	10 thru 39

Fields 3 thru 6 - These fields contain the SMDR code an account number associated with the list entry number in field 2. For field 3, 11 = *; 12 = #.

Field 7 - Use the WORD displayed in this field to administer the list entry in field 2.

NOTE:

If data is to be changed in other fields of this word, press **ENTER** repeatedly until the next field to be changed flashes. Dial the "New Data" and **ENTER**.

SPECIAL ERROR CODES:

- 81 - Controlling line extension number must be assigned in WORD 1 first.
82 - See field 2 explanation.
84 - An associated extension cannot be a controlling extension.

Fig. 26—PROC 023, WORD 5 (FPs 8, 11, 12)

UNIFORM CALL DISTN/DIR DEPT CLG											PROC 025 CAP
W O R D 1	UCD/DDC GROUP	CONTROLLING EXTENSION NUMBER	DISPLAY ONLY		WARNING LEVEL	DISPLAY ONLY					
			ICI MESSAGE NUMBER	UCD/DDC QUEUEING TRUNK GROUP		LAMP CTL CKT	U C D M / S D D C				
1	1	2	3	4	5	6	7	8			

USE:

This PROC is used to display or change the following items to a Uniform Call Distribution/Direct Department Calling (UCD/DDC) group:

- Controlling Extension Number
- Queue Warning Level.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-5, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "UCD/DDC Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
- CHANGE FIELD** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.
(Notes 1 and 2)

EXPLANATION OF FIELDS:

- Field 1 - UCD/DDC group number. Valid entries are 1 thru 28.
Field 2 - Controlling extension for the UCD/DDC group.
Field 3 - ICI message number. This is a display only field.
Field 4 - The queuing trunk group into which an incoming UCD/DDC call is placed. This is a display only field.
Field 5 - Queue warning level. Valid entries are dash (not active) and 1 thru 99.
Field 6 - Board index for lamp control circuit:
Dash - No circuit board assigned.
0 - Circuit board 0 assigned.
1 - Circuit board 1 assigned.
This is a display only field.
Field 7 - Circuit index for the board displayed in field 6:
Dash - No circuit board assigned.
0-7 - Circuit number on the board.
This is a display only field.
Field 8 - Delay announcement (UCD message):
0 - Inactive
1 - Active.
This is a display only field.

NOTES:

1. The controlling extension must be a primary extension which is not assigned as an LDN.
2. The lamp circuit must be assigned before the warning level can be assigned.

SPECIAL ERROR CODES:

- 82 - Not a primary extension number.
- 83 - Fields 3, 4, 6, 7, and 8 can be changed only by operating telephone company personnel.
- 84 - The controlling extension must have a UCD/DDC class of service

Fig. 27—PROC 025, WORD 1 (FPs 8, Iss 1; 11; 12)

SEARCH UCD/DDC		
W O R D 2	UCD/DDC GROUP	DISP ONLY
		TRUNK GROUP
	1	2
<div style="text-align: right;">PROC 025 CAP</div>		

USE:

This PROC displays all incoming trunk groups terminating on a particular UCD/DDC group.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-5, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "UCD/DDC Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all trunk groups terminating on the UCD/DDC group in field 1.

EXPLANATION OF FIELDS:

- Field 1 - UCD/DDC group number. Valid entries are 1 thru 28.
Field 2 - Trunk group which terminates on the UCD/DDC group in field 1.

Fig. 28—PROC 025, WORD 2 (FPs 8, Iss 1; 11; 12)

UCD/DDC-MEMBER SEARCH								PROC 025 CAP
WORD 3	UCD/DDC GROUP	UCD/DDC GROUP MEMBER EXTENSION NUMBER	MEMBER EQUIP. LOC				ECTS	
			MODULE	CABINET	CARRIER	SLOT		CIRCUIT
	1	2	3	4	5	6	7	8

USE:

This PROC displays member extensions of a UCD/DDC group and the extension's equipment location.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-2-5, **ENTER**.
 2. Press **WORD NO**; dial 3, **ENTER**.
- DISPLAY BY UCD/DDC GROUP** - 1. Load the PROC.
 2. Dial "UCD/DDC Group", **ENTER**.
 3. Press **DISPLAY, EXECUTE**.
 4. Use **NEXT DATA** to cycle thru all member extensions.
- DISPLAY BY MEMBER EXTENSION (See Note)** - 1. Load the PROC.
 2. Dial **ENTER**, "UCD/DDC Group Member Ext. No.", **ENTER**.
 3. Press **DISPLAY, EXECUTE**.
 4. Use **NEXT DATA** to cycle thru all member extensions.

EXPLANATION OF FIELDS:

- Field 1 - UCD/DDC group number. Valid entries are 1 thru 28.
 Field 2 - UCD/DDC group member extension number.
 Field 3 thru 7 - Equipment location of the member extension displayed in field 2. For ECTS these fields are dashes.
 Field 8 - Equal to 1 if extension number is an ECTS station. Equal to 0 if not.

NOTE:

- The hunt list for a UCD/DDC group is administered in PROC 000, WORD 2.
- If the line extension number is legal, but it does not belong to any UCD/DDC group, field 1 will be dashed.

SPECIAL ERROR CODE:

- 84 - The extension number in field 2 is not found in 30 member hunt list of any UCD/DDC group. Use PROC 000, WORD 2 and PROC 076 to correct the hunt list. (See NOTE 2.)

Fig. 29—PROC 025, WORD 3 (FPs 8, Iss 1; 11; 12)

CALL MANAGEMENT SYSTEM SPLIT CHARACTERISTICS, VER 1								PROC 026 CAP
W O R D 1	SPLIT (GROUP)	DISPLAY ONLY		OUTFLOW LEVEL	DISPLAY ONLY		INFLOW LEVEL	
		ICI MESSAGE NUMBER	Q U E U I N G		LAMP CTL CXT	B O A R D I N D E X		I N D E X
	1	2	3	4	5	6	7	8

USE:

This PROC is used to display or change the characteristics of individual splits of a Call Management System (CMS). A split is defined as a group within a PBX where certain calls may be routed.

- Field 6 - Circuit index (see Note 1).
- Field 7 - The number of calls the split group can receive from another split group (0-98).
- Field 8 - Two types of hunting can be assigned,
 - 0-Uniform (circular) hunting
 - 1-Direct (terminal) hunting.

OPERATION:

- LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-2-6, **ENTER**.
- DISPLAY - 1. Load the PROC.
2. Dial "Split Group" number, **ENTER**, **DISPLAY**, **EXECUTE**.
- CHANGE - 1. **DISPLAY** the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

NOTE:

- 1. The contact interface board and circuit (fields 5 and 6) must be assigned by telephone company personnel via PROC 155 first.

EXPLANATION OF FIELDS:

- Field 1 - Split group number. Valid entries are, 1-30.
- Field 2 - The ICI message number associated with the split group in field 1. A dash or zero means no message assigned.
- Field 3 - The queuing trunk group number associated with the split group number.
- Field 4 - The number of calls possible in a queue group (1-99) before warning indications. When the warning level for a queue group is reached or exceeded, the applicable indicator lamp lights and remains lighted until the calls waiting in queue are fewer than the preset warning level.
- Field 5 - Board index (see Note 1).

SPECIAL ERROR CODES:

- 81 - Split already assigned.
- 82 - See Note 1.
- 83 - Board 0, circuit 0 is dedicated to the reload warning lamp.
- 84 - Remove trunk group termination using PROC 115 (telephone company personnel only).
- 85 - This queuing trunk group has already been assigned to a split.
- 86 - Must assign queue warning level in order to specify lamp control circuit.

Fig. 31—PROC 026, WORD 1, VER 1 (FP 8, Iss 2)◄

SPECIAL ERROR CODES:

- 81 - This split is already assigned.
- 82 - Contact, interface board must be assigned by operating company in Procedure 155 first.
- 83 - Board 0, circuit 0, is dedicated to the reload warning lamp.
- 84 - Trunk group termination must be removed by operating company using Procedure 115.
- 85 - This queuing trunk group has already been assigned to a split.
- 86 - Must assign queue warning level in order to specify lamp control circuit.
- 87 - Split still assigned as coverage point in Procedure 011.
- 88 - If supervisor is defined for split, field 10 cannot be changed from dashes to non-dashes and vice-versa.
- 89 - The assigned MCS channel cannot be changed.

Fig. 32—PROC 026, WORD 1, VER 2 (FP 8, Iss 3) (Sheet 2 of 2)

CALL MANAGEMENT SYSTEM SPLIT MEMBERS, VER 1										PROC 026 CAP
WORD 2	SPLIT (GROUP)	MEMBER NUMBER	MEMBER EXTENSION NUMBER	A U T O	MBR. EQUIP LOC. DISP ONLY					
					MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T	
	1	2	3	4	5	6	7	8	9	

USE:

This PROC is used to display, remove, or add members (station sets) to a split (group).

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-6, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY SPLIT MEMBER** - 1. Load the PROC.
2. Dial "Split group" number, **ENTER**, **DISPLAY**, **EXECUTE**.
Depressing **NEXT DATA** continuously displays each member starting with the lowest number in the split. After all members have been displayed, dashes are displayed, and the display will restart with the first member.
- DISPLAY MEMBER EXTENSION ASSIGNMENTS** - 1. Load the PROC.
2. Press **CHANGE FIELD**; 3; **ENTER**; Dial "Member Extension Number", **ENTER**, **DISPLAY**, **EXECUTE**.
- ADD SPLIT MEMBER** - 1. Load the PROC.
2. Dial "Split group" number, **ENTER**, "Member Number", **ENTER**, "Member Extension Number", **ENTER**, "Auto" member set type, **ENTER**.
3. Press **ADD**, **EXECUTE**, **DISPLAY**, **EXECUTE**.
- REMOVE SPLIT MEMBER NUMBERS** - 1. Display split member.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Split group number. Valid entries, 1-30.
Field 2 - Member number. Valid entries, 0-511 (see Note 1).
Field 3 - Member extension number. Valid entries, 10-9999. (see Note 2).
Field 4 - Member set type. Valid entries,
0 - Regular set
1 - Auto answer/disconnect set.
Field 5 through 9 - Member equipment location (display only).
See Note 2.

NOTES:

- Member 0 indicates group supervisor.
- Must be assigned in PROC 000, Word 1 first.

SPECIAL ERROR CODES:

- 81 - Assign valid CMS extension in PROC 028 first.
- 82 - This member is assigned to a split.
- 83 - Only primary numbers can be assigned to a split.

Fig. 33—PROC 026, WORD 2, VER 1 (FP 8, Iss 2)†

UNIFORM CALL DISTRIBUTION SPLIT MEMBERS, VER 2									PROC 026 CAP
WORD 2	SPLIT (GROUP)	MEMBER NUMBER	MEMBER EXTENSION NUMBER	DISP ONLY	MBR. EQUIP LOC. DISP ONLY				
					A U T O	MODULE	C A B I N E T	C A R R I E R	
	1	2	3	4	5	6	7	8	9

USE:

This PROC is used to display, remove, or add members (station sets) to a split (group).

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-6, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY SPLIT MEMBER** - 1. Load the PROC.
2. Dial "Split group" number, **ENTER**, **DISPLAY**, **EXECUTE**.
Depressing **NEXT DATA** continuously displays each member starting with the lowest number in the split. After all members have been displayed, dashes are displayed, and the display will restart with the first member.
- DISPLAY MEMBER EXTENSION ASSIGNMENTS** - 1. Load the PROC.
2. Press **CHANGE FIELD**; 3; **ENTER**; Dial "Member Extension Number", **ENTER**, **DISPLAY**, **EXECUTE**.
- ADD SPLIT MEMBER** - 1. Load the PROC.
2. Dial "Split group" number, **ENTER**, "Member Number", **ENTER**, "Member Extension Number", **ENTER**, "Auto" member set type, **ENTER**.
3. Press **ADD**, **EXECUTE**, **DISPLAY**, **EXECUTE**.
- REMOVE SPLIT MEMBER NUMBERS** - 1. Display split member.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Split group number. Valid entries, 1-30.
- Field 2 - Member number. Valid entries, 0-511 (see Note 1).
- Field 3 - Member extension number. Valid entries, 10-9999. (see Note 2).
- Field 4 - Member set type. Valid entries, Dash = Non-ECTS.
0 = No auto appearance.
1 = Auto appearance.
- Field 5 through 9 - Member equipment location (display only).
See Note 2.

NOTES:

- Member 0 indicates group supervisor.
- Must be assigned in PROC 000, Word 1 first.

SPECIAL ERROR CODES:

- 81 - Not used at this time.
- 82 - This member is assigned to a split.
- 83 - Only primary numbers can be assigned to a split.
- 84 - Remove gueue associated extension in Procedure 001 before removing member 0.
- 85 - Member must have data class of service if data attribute is assigned for split in Procedure 026, Word 1, and vice versa.

Fig. 34—PROC 026, WORD 2, VER 2 (FP 8, Iss 3)†

CALL MANAGEMENT SYSTEM FIRST RECORDED ANNOUNCEMENT, VER 1										PROC 027 CAP		
WORD 1	SPLIT (GROUP)	DISPLAY ONLY					1ST WAIT TIME	2ND WAIT TIME	DISP ONLY		1ST RCD ANCMT	
		AUX TRUNK LOCATION										TRUNK GROUP
		MODULE	C A B	C A R	R 4	SLOT						
1	2	3	4	5	6	7	8	9				

USE:

This PROC is used to display or change the waiting times for both the first and second announcements and to display the LC13 auxiliary trunk assignment.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.

DISPLAY - 1. Load the PROC.
 2. Dial "Split Group" number, **ENTER**, when data for a particular split group is desired. For all split groups, proceed to Step 3.
 3. Press **DISPLAY**, **EXECUTE**.
 4. Use **NEXT DATA** to display each split auxiliary trunk group location and associated wait times. When all splits are identified, depressing **NEXT DATA** again displays dashes, and then the first split.

CHANGE - 1. Display the PROC.
 2. Press **CHANGE FIELD**, dial the number of the field to be change, **ENTER**.
 3. Dial "New Data", **ENTER**.
 4. Press **CHANGE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Split group number. Valid entries are, 1-30.

Field 2 through 6 - Auxiliary trunk location. See Note 1.

Field 7 - Recorded announcement first wait time (see Note 2). Valid entries are, 1-15. A dash means no recorded announcement given.

Field 8 - Recorded announcement second wait time (see Note 3). If the first wait time is not specified, the second wait time cannot be assigned. Valid entries are, 1-15. A dash means no recorded announcement given.

Field 9 - First recorded announcement trunk group number (see Note 4).

NOTES:

- Fields 2 through 6 must be assigned by operating company personnel via PROC 150 first.
- If a dash is shown in field 7, fields 2 through 6 must be assigned by operating company personnel via PROC 150 first before assigning a number to field 7.
- A second recorded announcement trunk must be assigned by operating company personnel via PROC 027, WORD 2 before assigning a second wait time.
- Field 9 must be assigned by operating company personnel via PROC 100 first.

SPECIAL ERROR CODES:

- 81 - Trunk group must be assigned by operating company personnel.
- 82 - This split is assigned.
- 83 - Cannot assign second wait time if first wait time is not specified.
- 84 - See Note 3.

Fig. 36—PROC 027, WORD 1, VER 1 (FP 8, Iss 2)◀

UNIFORM CALL DISTRIBUTION FIRST RECORDED ANNOUNCEMENT, VER 2										
WORD 1	SPLIT (GROUP)	DISPLAY ONLY					1ST WAIT TIME	2ND WAIT TIME	DISP ONLY	PROC 027 CAP
		AUX TRUNK LOCATION							1ST RCD ANCMT	
		MODULE	C A B	C A R R	SLOT	C K T			TRUNK GROUP	
1	1	2	3	4	5	6	7	8	9	

USE:

This PROC is used to display or change the waiting times for both the first and second announcements and to display the LC13 auxiliary trunk assignment.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Split Group" number, **ENTER**, when data for a particular split group is desired. For all split groups, proceed to Step 3.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display each split auxiliary trunk group location and associated wait times. When all splits are identified, depressing **NEXT DATA** again displays dashes, and then the first split.
- CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**, dial the number of the field to be change, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Split group number. Valid entries are, 1-30.
- Field 2 through 6 - Auxiliary trunk location. See Note 1.
- Field 7 - Recorded announcement first wait time (see Note 2). Valid entries are, 1-15. A dash means no recorded announcement given.
- Field 8 - Recorded announcement second wait time (see Note 3). If the first wait time is not specified, the second wait time cannot be assigned. Valid entries are, 1-15. A dash means no recorded announcement given.
- Field 9 - First recorded announcement trunk group number (see Note 4).

NOTES:

- Fields 2 through 6 must be assigned by operating company personnel via PROC 150 first.
- If a dash is shown in field 7, fields 2 through 6 must be assigned by operating company personnel via PROC 150 first before assigning a number to field 7.
- A second recorded announcement trunk must be assigned by operating company personnel via PROC 027, WORD 2 before assigning a second wait time.
- Field 9 must be assigned by operating company personnel via PROC 100 first.

SPECIAL ERROR CODES:

- 81 - Trunk group must be assigned by operating company personnel.
- 82 - This split is assigned.
- 83 - Cannot assign second wait time if first wait time is not specified.
- 84 - See Note 3.

Fig. 37—PROC 027, WORD 1, VER 2 (FP 8, Iss 3)◆

CALL MANAGEMENT SYSTEM SECOND RECORDED ANNOUNCEMENT, VER 1						PROC 027 CAP	
W O R D 2	DISPLAY ONLY						DISP ONLY
	AUX TRUNK LOCATION						2ND RCD ANCMT
	MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T		TRUNK GROUP
	1	2	3	4	5	6	

USE:

This PROC is used to display the auxiliary trunk location to be used for the second delay recorded announcement.

OPERATION:

- LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.
2. Press **WORD NO.**; dial 2, **ENTER**.
- DISPLAY - 1. Load the PROC.
2. Press **DISPLAY, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 through 5 - Display only fields, must be assigned by operating company personnel via PROC 150 first.
- Field 6 - Display only field, must be assigned by operating company personnel via PROC 100 first.

SPECIAL ERROR CODES:

- 81 - Trunk group must be assigned by operating company personnel.
- 82 - First recorded announcement must be assigned in Procedure 027, Word 1 by operating company personnel.

Fig. 38—PROC 027, WORD 2, VER 1 (FP 8, Iss 2)

UNIFORM CALL DISTRIBUTION SECOND RECORDED ANNOUNCEMENT, VER 2												
WORD 2	DISPLAY ONLY AUX TRUNK LOCATION										PROC 027 CAP	
	MODULE 1	C A B I N E T 2	C A R R I E R 3	SLOT 4	C I R C U I T 5							DISP ONLY 2ND RCD ANCMT

USE:

This PROC is used to display the auxiliary trunk location to be used for the second delay recorded announcement.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.
2. Press **WORD NO.**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 through 5 - Display only fields, must be assigned by operating company personnel via PROC 150 first.
- Field 6 - Display only field, must be assigned by operating company personnel via PROC 100 first.

SPECIAL ERROR CODES:

- 81 - Trunk group must be assigned by operating company personnel.
- 82 - First recorded announcement must be assigned in Procedure 027, Word 1 by operating company personnel.

Fig. 39—♦PROC 027, WORD 2, VER 2 (FP 8, Iss 3)♦

CALL MANAGEMENT SYSTEM QUEUE-OF-ORIGIN ANNOUNCEMENT, VER 1								PROC 027 CAP	
WORD 3	SPLIT OR TRUNK GROUP 1	S P L I T / T R U N K 2	DISPLAY ONLY				C I R C U I T 7		DISP. ONLY
			AUX TRUNK LOCATION						ORIG. ANCMT
			MODULE 3	C A B I N E T 4	C A R R I E R 5	SLOT 6			TRUNK GROUP 8

USE:

This PROC is used to display the LC13 auxiliary trunk location to be used for split or trunk group origin announcements.

OPERATION:

- LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.
2. Press **WORD NO.**; dial 3, **ENTER**.
- DISPLAY - 1. Load the PROC.
2. Dial "Split group", **ENTER**, "Type", **ENTER**.
3. Press **DISPLAY, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Split group, valid entries 1-30.
- Field 2 - 0 = Split - Queue of origin announcement
- 1 = Trunk - City of origin announcement
- Field 3 through 7 - Display only fields, must be assigned by operating company personnel via PROC 150 first.
- Field 8 - Display only field, must be assigned by operating company personnel via PROC 100 first.

SPECIAL ERROR CODES:

- 81 - Trunk group must be assigned by operating company personnel.
- 82 - This split or trunk group assigned.

Fig. 40—PROC 027, WORD 3, VER 1 (FP 8, Iss 2)



AUTOMATIC CALL DISTRIBUTION QUEUE-OF-ORIGIN ANNOUNCEMENT, VER. 2								PROC 027 CAP	
WORD 3	SPLIT OR TRUNK GROUP	S P L I T / T R U N K	DISPLAY ONLY				DISP. ONLY		
			AUX TRUNK LOCATION				ORIG. ANCMT		
			MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T		TRUNK GROUP
								8	

USE:

This PROC is used to display the LC13 auxiliary trunk location to be used for split or trunk group origin announcements.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-7, **ENTER**.
2. Press **WORD NO.**; dial 3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Split group", **ENTER**, "Type", **ENTER**.
3. Press **DISPLAY, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Split group, valid entries 1-30.
- Field 2 - 0 = Split - Queue of origin announcement
- 1 = Trunk - City of origin announcement
- Field 3 through 7 - Display only fields, must be assigned by telephone company personnel via PROC 150 first.
- Field 8 - Display only field, must be assigned by telephone company personnel via PROC 100 first.

Fig. 41—PROC 027, WORD 3, VER 2 (FP 8, Iss 3)

DIMENSION CMS MANAGEMENT INFORMATION SYSTEM				PROC 028 CAP
MIS TERMINAL NUMBER	CMS EXTENSION NUMBER (LOW)	CMS EXTENSION NUMBER (HIGH)	DIM. OFFICE CODE	
1	2	3	4	

USE:

This PROC is used to display add, change, or remove valid extension numbers used in the CMS feature. It is also used to change the DIMENSION office code definition.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO.**; dial 0-2-8, **ENTER**.
- DISPLAY EXTENSION NUMBER/ TERMINAL ASSIGNMENT** - 1. Load the PROC.
2. Press "MIS Terminal number", **ENTER**; or "CMS extension number low", **ENTER**; or "CMS extension number low", **ENTER**; and "CMS extension number high", **ENTER**.
3. Press **DISPLAY, EXECUTE** (see Note 1).
- ADD EXTENSION NUMBER (OR RANGE OF EXTENSION NUMBERS)** - 1. Load the PROC.
2. Dial "CMS extension number low", **ENTER** and "CMS extension number high", **ENTER**.
3. Press **ADD, EXECUTE, DISPLAY, EXECUTE**.
- CHANGE THE DIMENSION OFFICE CODE** - 1. Display the PROC
2. Press **CHANGE FIELD**, dial the number of the field to be change, **ENTER**.
- REMOVE AN EXTENSION NUMBER (OR RANGE OF EXTENSION NUMBERS)** - 1. Load the PROC
2. Dial "CMS extension number low", **ENTER** and "CMS extension number high", **ENTER**.
3. Press **DISPLAY, EXECUTE, REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - CMS agent terminal number (see Note 3). Valid entries are, 1-511.
Field 2 - CMS extension number (low) (see Note 2).
Field 3 - CMS extension number (high) (see Note 2).
Field 4 - DIMENSION office code.

NOTES:

1. Depressing **NEXT DATA** continuously displays all terminal assignments. After all terminals have been displayed, depressing **NEXT DATA** again dashes all fields. Depressing **NEXT DATA** again displays the first terminal assignment.
2. The input to field 2 and 3 are both required when a range of extension numbers is desired to be added or removed. An input to field 2 only specifies a single extension number. Extension numbers to be added must be assigned in PROC 000, WORD 1. Extension numbers to be removed cannot be currently assigned to any CMS split group. Addition of ranges of extension numbers may only be accomplished if all extension numbers have been assigned to equipment locations.
3. The range of MIS terminal numbers must be a multiple of 16 minus 1 (eg, $16 \times 7 - 1 = 111$).
4. After removals and additions, a terminal to extension update request should immediately be made at the MIS supervisor console. This update insures reliability of generated reports. As added insurance of reliability of reports, all removals, additions, and terminal to extension updates should be done only during low traffic periods.

Fig. 42—♦PROC 028 (FP 8, Iss 2)♦ (Sheet 1 of 2)

SPECIAL ERROR CODES:

- 81 - Field 3 cannot be less than field 2.
- 82 - Range of extension numbers too large.
- 83 - Extension number currently assigned in CMS
(refer to PROC 026).

Fig. 42—♦PROC 028 (FP 8, Iss 2)♦ (Sheet 2 of 2)

ECTS STATION TRANSLATION-EQUIPMENT													PROC 051 CAP
STATION EQPT LOC			TIP/RING EQPT LOCATION				STATION TYPE			PREFERENCE			
CONTROL	SLOT	C I R C U I T	MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T	F E A T U R E	T Y P E	NUMBER OF BUTTONS	O R I G	T E R M	L O A D E D
1	2	3	4	5	6	7	8	9	10	11	12	13	14

USE:

This PROC defines the ECTS station equipment type, the controller location, and the origination and termination line connection preference for an ECTS set.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-1, **ENTER**.

DISPLAY BY STATION EQUIPMENT LOCATION - 1. Load the PROC.
2. Dial "Controller", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display next assigned station.

DISPLAY BY TIP/RING EQUIPMENT LOCATION - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Module", **ENTER**, "Cabinet", **ENTER**, "Carrier", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. Press **DISPLAY, EXECUTE**.

ADD AN ECTS STATION (See Note 1) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Module", **ENTER**, "Cabinet", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. (a) For a straight-line set:
(1) Dial **CLEAR ENTRY, ENTER, CLEAR ENTRY, ENTER, 0, ENTER**.
(2) Press **ADD, EXECUTE**.
(b) For a multibutton set:
(1) Dial "Feature", **ENTER**, "Type", **ENTER**, "Number of Buttons", **ENTER**, "Group A", **ENTER**, "Group B", **ENTER**.
(2) Press **ADD, EXECUTE**.

CHANGE FIELD - 1. Display the PROC.
2. Press **CHANGE FIELD**, dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE, EXECUTE**.

REMOVE A STATION (See Note 2) - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Controller, slot, and circuit location for the ECTS set.

Fields 4 thru 8 - Tip and ring location for the ECTS set.

Field 9 - DSS or non-DSS set:

Dash - Non-DSS

1 - DSS

Field 10 - Station type:

Dash - Straight-line set

1 - Electronic key set

2 - Electronic custom set.

Field 11 - Number of buttons on the ECTS set (0, 5, 10, 20, or 30).

Field 12 - Originating line preference (NOTE 3):

0 - No Line Preference

1 - Idle Line Preference

2 - Prime Line Preference

3 - Last Line Preference.

Field 13 - Terminating Line Preference (NOTE 3):

0 - None

1 - Call Line Preference

2 - Ringing Line Preference.

Field 14 - Loaded:

Dash - Never loaded.

0 - Not loaded.

1 - Loaded.

Fig. 43—PROC 051 (FPs 7, 8, 11, 12) (Sheet 1 of 2)

NOTES:

1. Before a PBX extension can be assigned to an ECTS station, it must be placed in service using PROC 000. A no-button set can be assigned to an unequipped steering circuit even in an unequipped supplemental controller.
2. When an ECTS station is removed, all button assignments with the exception of station busy (PROC 055) are removed. PBX extensions must be removed using PROC 000.
3. Fields 12 and 13 are applicable only to customer no button sets.
4. The AMW lamp must be turned off (all messages delivered) before changes or removals can be done.

SPECIAL ERROR CODE:

- 82 - See explanation for fields 9, 10, and 11.
- 83 - The maintenance station must be a 5-button EKT set.
- 84 - Remove the controller (with PROC 060) before removing the maintenance station.
- 85 - Station busy must be removed via PROC 055
- 86 - I/O error to controller; repack controller using PROC 060, WD2
- 89 - Controller memory full
- 94 - No change of preference on auto station.
- 97 - AMW lamp must be removed in Procedure 063.

Fig. 43—PROC 051 (FPs 7, 8, 11, 12) (Sheet 2 of 2)



ECTS BUTTON ENCODES

BUTTON TYPE	PROC-WORD	BUTTON TYPE	PROC-WORD	BUTTON TYPE	PROC-WORD	BUTTON TYPE	PROC-WORD
0=UNASSIGNED		9=MESSAGE WAIT (CONTROL STN)	053-1	19=MALICIOUS CALL TRACE	054-1	28=CONSULT	054-1
1=LINE (PBX EXTENSION)	051	10=MESSAGE WAIT (SIGNLD STN)	053-1	20=RELEASE	054-1	29=LEAVE WORD CALLING-	054-1
2=MANUAL INTERCOM	056	11=IND STN RINGER CUTOFF	054-1	21=AUTO IN	054-1	ACTIVATE	
3=AUTOMATIC INTERCOM	056	12=RINGING TRANSFER	054-1	22=MANUAL IN	054-1	30=COVERAGE CALLBACK	054-1
4=DIAL INTERCOM	056	13=ABBREV/DELAYED TRANSFER	052-1	23=AUX WORK	054-1	33=STATION BUSY	055
5=CO LINE PICKUP	057	14-16=CUSTOM CALLING	054-2	24=STAFF	054-1	34= STATION BSY/DSS	
6=HOLD BUTTON (ALL TYPES)	054-3	17=DIRECT STATION SELECT	054-1	25=ORIGINATE/ANSWER	054-1	35=STN BSY/SPEED CALL	
7=MANUAL SIGNALLING	053-2	18=SPEED CALLING	054-1	26=RPT CITY OF ORIGIN	054-1	36=STN BSY/HOLD	
8=MANUAL EXCLUSION	054-1	SELECT		27=SEND ALL CALLS	054-1		

PROC
052
CAP

USE:

This PROC is used as an index to various ECTS button encodes and the associated PROCs in which the button assignments are made. There is no display or user operations associated with this PROC. The layout of ECTS set button numbers is shown in the drawing.

ECTS STATION BUTTON NUMBERS:

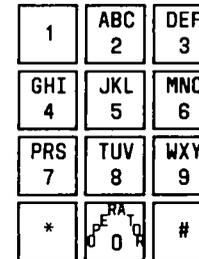
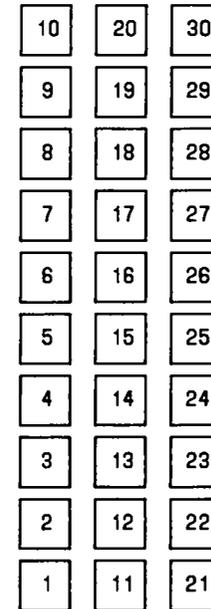
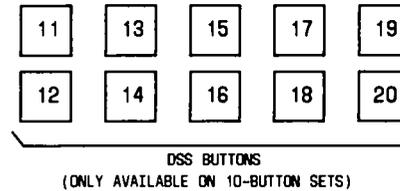


Fig. 44—PROC 052, WORD 0 (FPs 7, 8, 11, 12)

ECTS - LINE PICK UP, VER 1											PROC 052 CAP	
WORD 1	STATION EQPT LOC			BUTTON NUMBER	PBX EXTENSION NUMBER	P R I M E 1=YES 0=NO	R I N G I N G E	T R A N S F E R	DISPLAY ONLY			
	CONTROL	SLOT	C I R C U I T						A/D	NO OF APPEAR OF THIS EXT NO MAX=16		BUTTON TYPE
	1	2	3	4	5	6	7	8	9	10	11	

USE:

This PROC is used to display, add, change, or remove ECTS line pickup button assignments and ringing encodes. This PROC assigns ringing options for each line and designates the prime line.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-5-2, **ENTER**.
- DISPLAY BY STATION EQUIPMENT LOCATION** - 1. Load the PROC.
2. Dial "Controller", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** until the desired button number is displayed.
- ADD BUTTON AND RINGING ASSIGNMENTS** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Button Number", **ENTER**, "PBX Extension Number", **ENTER**, "Prime Line", **ENTER**, "Ring Encode", **ENTER**, "Ringer Transfer", **ENTER**.
4. Press **ADD, EXECUTE**.
- CHANGE FIELD** - 1. Display the button number.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE, EXECUTE**.
- REMOVE BUTTON ASSIGNMENT** - 1. Display the button number.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Fields 1 thru 3 - Equipment location of the ECTS station.
Field 4 - Button number to which the line access is assigned.
0 = No button and Electronic Custom Set
1-30 = Electronic key set
(See PROC 052, WORD 0.)
- Field 5 - Extension number for the button in field 4. This extension must be assigned in PROC 000 and cannot be an associated extension.
- Field 6 - 0 - Not prime line.
1 - Prime line.
Prime line preference must be assigned to the ECTS station (PROC 051) before prime line can be assigned to the extension in field 5.
- Field 7 - Ringing option for the extension in field 5:
0 - No ring
1 - Ring
2 - Delayed ring
3 - Abbreviated ring.
- Field 8 - Ringing transfer encode when the feature is activated:
1 - Ring when operated.
2 - No ring when operated.
- Field 9 - Abbreviated/Delayed ringing:
0 - None
1 - Manual
2 - Automatic
3 - Manual/muted
4 - Automatic/muted.
WORD 2 of this PROC should be used to change this field.
- Field 10 - Number of appearances on ECTS stations of the extension shown in field 5.
- Field 11 - Button type for button number shown in field 4.
A 1 should be displayed in this field indicating a line pickup button.

Fig. 45—♦PROC 052, WORD 1, VER 1 (FPs 7, 8, Iss 1, 11, 12)♦ (Sheet 1 of 2)

NOTE:

The AMW lamp must be turned off (all messages delivered) before changes or removals can be done.

SPECIAL ERROR CODES:

- 82 - See field 6 explanation.
- 83 - Button is changed to non-prime by assigning prime line to another button.
- 86 - I/O error to controller. Repack controller using PROC 060, Word 2.
- 88 - Button number is already assigned.
- 89 - Cannot be an associated extension.
- 90 - Wrong button type.
- 91 - Maximum of 16 line appearances.
- 92 - Only fields 6 through 8 can be changed.
- 96 - Only one no button set per line is allowed.
- 98 - Extension number must be removed from Procedure 063 first.

Fig. 45—PROC 052, WORD 1, VER 1 (FPs 7, 8, Iss 1; 11; 12) (Sheet 2 of 2)

ECTS - LINE PICK UP, VER 2/3												PROC 052 CAP	
WORD 1	STATION EQPT LOC			BUTTON NUMBER	PBX EXTENSION NUMBER	PRIME LINE 1-YES 0-NO	RING TYPE	RINGING TRANSFER	ENCODING	AUTOMATIC APPEARANCE	DISPLAY ONLY		
	CONTROL	SLOT	CIRCUIT								A/D E R N I C N O D E	NO OF APPEAR. OF THIS EXT NO MAX=16	BUTTON TYPE
		1	2	3	4	5	6	7	8	9	10	11	12

USE:

This PROC is used to display, add, change, or remove ECTS line pickup button assignments and ringing encodes. This PROC assigns ringing options for each line and designates the prime line.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-5-2, **ENTER**.
- DISPLAY BY STATION EQUIPMENT LOCATION** - 1. Load the PROC.
2. Dial "Controller", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Press **NEXT DATA** until the desired button number is displayed.
- ADD BUTTON AND RINGING ASSIGNMENTS** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Button Number", **ENTER**, "PBX Extension Number", **ENTER**, "Prime Line", **ENTER**, "Ring Encode", **ENTER**, "Ringer Transfer", **ENTER**.
4. Press **ADD, EXECUTE**.
- CHANGE FIELD** - 1. Display the button number.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE, EXECUTE**.
- REMOVE BUTTON ASSIGNMENT** - 1. Display the button number.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Fields 1 thru 3 - Equipment location of the ECTS station.
- Field 4 - Button number to which the line access is assigned. (See PROC 052, WORD 0.)
- Field 5 - Extension number for the button in field 4. This extension must be assigned in PROC 000 and cannot be an associated extension.
- Field 6 - 0 - Not prime line.
1 - Prime line.
Prime line preference must be assigned to the ECTS station (PROC 51) before prime line can be assigned to the extension in field 5.
- Field 7 - Ringing option for the extension in field 5:
0 - No ring
1 - Ring
2 - Delayed ring
3 - Abbreviated ring.
- Field 8 - Ringing transfer encode when the feature is activated:
1 - Ring when operated.
2 - No ring when operated.
- Field 9 - Automatic appearance (See Note 1).
Dash - No automatic answer for this extension.
0 - Automatic answer for the extension number but not for this equipment location.
1 - Automatic answer for this extension and equipment location.
- Field 10 - Abbreviated/Delayed ringing:
0 - None
1 - Manual
2 - Automatic
3 - Manual/muted
4 - Automatic/muted.
WORD 2 of this PROC should be used to change this field.

Fig. 46—PROC 052, WORD 1, VER 2/3 (FP 8, Iss 2/3) (Sheet 1 of 2)

EXPLANATION OF FIELDS (Contd):

- Field 11 - Number of appearances on ECTS stations of the extension shown in field 5.
- Field 12 - Button type for button number shown in field 4. A 1 should be displayed in this field indicating a line pickup button.

NOTES:

1. Automatic answer is for a particular set and not for a particular extension. An extension may have automatic answer but only the ECTS set with the equipment location assigned automatic answer will ring. All other ECTS sets with this line appearance will not hear ringing but the ring lamp (green) will light steady.

SPECIAL ERROR CODES:

- 81 - If an automatic appearance is on an EKT, the EKT must have no originating and no terminating preference.
- 82 - Prime line preference must be assigned to the station before the PBX extension number can be designated a prime line (field 6)
- 86 - I/O error to ETC. The station activity buffer in the ETC must be reloaded before the station will operate correctly.
- 88 - Button already assigned.
- 90 - Wrong button type.
- 91 - Maximum of 16 appearances allowed.
- 94 - Only one automatic appearance per line.
- 95 - Station can answer only one line auto.
- 96 - Only one SLS per line allowed.
- 97 - No prime line change on automatic station.

Fig. 46—♦PROC 052, WORD 1, VER 2/3 (FP 8, Iss 2/3)♦ (Sheet 2 of 2)

ECTS - ABBREVIATED & DELAYED RINGING										PROC 052 CAP
WORD 2	PBX EXTENSION NUMBER	A/D RINGING CODE 1	RINGER TRANSFER RINGING 2	DISPLAY ONLY					APPEARANCE AUTOMATIC 9	
				STATION EQPT LOC			BUTTON NUMBER 8			
				CONTROL 4	SLOT 5	CKT 6		7		

USE:

This PROC is used to display and change various Abbreviated/Delayed Ringing transfer items. The Add and Remove operations are not allowed.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 0-5-2, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "PBX Extension Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to examine all appearances on a line.
- CHANGE FIELD 2 OR 3** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Extension number.
Field 2 - Abbreviated/delayed ringing transfer:
0 - No A/D transfer
1 - Manual transfer
2 - Automatic transfer
3 - Manual transfer - muted
4 - Automatic transfer - muted
- Field 3 - Ringer transfer:
0 - No ringer transfer
1 - Ring when active
2 - No ring when active.
- Field 4 - Ring encode. If field 4 displays a 2 or 3, then either a ringer transfer button should be assigned or field 2 should be 2 or 4.
0 - No ring
1 - Ring
2 - Delayed ring
3 - Abbreviated ring.
- Fields 5 thru 7 - Equipment location for the extension in field 1.
- Field 8 - Manual transfer button number (See PROC 052, WORD 0).
Field 9 - Dash - No Automatic Appearance
0 = Non Automatic Appearance
1 = Automatic Appearance.

SPECIAL ERROR CODE:

- 83 - The Display operation is required prior to performing a Change operation.
89 - Cannot be an associated extension.

Fig. 47—PROC 052, WORD 2 (FPs 7, 8, 11, 12)

ECTS MANUAL SIGNALING FEATURE								PROC 053 CAP
WORD	SIGNALING STATION			SIGNALLED STATION			DISPLAY	
	STATION EQPT LOC			EQPT LOCATION			BUTTON TYPE (7=MAN SIG)	
1	CONTROL	SLOT	CKT	BUTTON NUMBER	CONTROL	SLOT	CKT	8
	1	2	3	4	5	6	7	

USE:

This PROC is used to display, add, or remove the Manual Signaling feature to a button on an ECTS set. The Change operation is not allowed.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-3, **ENTER**.

DISPLAY BY SIGNALING STATION - 1. Load the PROC.
 2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
 3. Press **DISPLAY, EXECUTE**.
 4. Use **NEXT DATA** to display the desired button.
 5. Press **DISPLAY, EXECUTE** repeatedly to display other signaled stations.

DISPLAY BY SIGNALLED STATION - 1. Load the PROC.
 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
 3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
 4. Press **DISPLAY, EXECUTE**.
 5. Use **NEXT DATA** to display all signaling stations.

ADD ONE OR MORE SIGNALLED STATIONS - 1. Display the PROC.
 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
 3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Carrier," **ENTER**.
 4. Press **ADD, EXECUTE**.
 5. Repeat Steps 2 thru 4 to add more signaled stations.

ADD ONE OR MORE - 1. Display the PROC.
 2. Press **CHANGE FIELD**; dial 1, **ENTER**.

SIGNALING STATIONS 3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit," **ENTER**, "Button Number", **ENTER**.
 4. Press **ADD, EXECUTE**.
 5. Repeat Steps 2 thru 4 to add more signaling stations.

REMOVE - 1. Display the PROC.
 2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the signaling station.
 Field 4 - ECTS set button number (see PROC 052, WORD 0.)
 Fields 5 thru 7 - Station equipment location of the signaled station.

NOTES:

A signaling station may have more than one signaled station.
 A signaled station may have more than one signaling station.

SPECIAL ERROR CODES:

- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set.
- 88 - Button already assigned.
- 90 - Wrong button type.

Fig. 48—PROC 053, WORD 1 (FPs 7, 8, 11, 12)

ECTS MESSAGE WAITING										PROC 053 CAP	
WORD 2	CONTROLLING STATION					SIGNALLED STATION					
	STATION EQPT LOC			BUTTON NUMBER	DISPLAY BUTTON TYPE (9=MMS)	STATION EQPT LOC			BUTTON NUMBER		DISPLAY BUTTON TYPE (10=MMS)
	CONTROL	SLOT	CKT			CONTROL	SLOT	CKT			
	1	2	3	4	5	6	7	8	9	10	

USE:

This PROC is used to display, add, or remove the Message Waiting feature. The change operation is not allowed.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-3, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.

DISPLAY BY CONTROLLING STATION - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** to display the desired button number.

DISPLAY BY SIGNALLED STATION - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 6, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. Press **DISPLAY**, **EXECUTE**.
5. Press **NEXT DATA** to display the desired button number.

ADD SIGNALLED STATION - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 6, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**, "Button Number", **ENTER**.
4. Press **ADD**, **EXECUTE**.

ADD CONTROLLING STATION - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 1, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**, "Button Number", **ENTER**.
4. Press **ADD**, **EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the controlling station.

Field 4 - Button number that is used to send the message (see Notes 1 and 2) (see PROC 052, WORD 0.)

Field 5 - Button-type code for the button in field 4. A 9 indicates a message waiting button for the controlling station.

Fields 6 thru 8 - Station equipment location of the signaled station.

Field 9 - Button number that is used to receive the message (see Notes 1 and 2) (see PROC 052, WORD 0.)

Field 10 - Button-type code for the button in field 9. A 10 indicates a message waiting button for the signaled station.

Fig. 49—PROC 053, WORD 2 (FPs 7, 8, 11, 12) (Sheet 1 of 2)

NOTES:

1. Only one controlling station and one signaled station per button is allowed.
2. Only one button for receiving message waiting is allowed per ECTS set; however, a controlling station may have more than one button for sending message waiting.

SPECIAL ERROR CODES:

- 81 - The controlling station and the signaled station must have buttons.
- 82 - Only one message waiting signaled (field 9) button per station.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set.
- 88 - Button already assigned.
- 90 - Wrong button type.

Fig. 49—PROC 053, WORD 2 (FPs 7, 8, 11, 12) (Sheet 2 of 2)

ECTS MISCELLANEOUS STATION FEATURES, VER 1										PROC 054 CAP	
WORD 1	STATION EQPT LOC			BUTTON NUMBER	PBX EXTENSION, FEATURE ACCESS CODE, OR SPEED CALL MEMBER NUMBER	BUTTON TYPE					
	CONTROL	SLOT	CIRCUIT				1	2	3	4	5

USE:

This PROC is used to assign buttons on ECTS sets for miscellaneous features.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-4, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** to display the desired button.

ADD - 1. Display the PROC.
(See Note 4) 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "PBX Line Extension Number or Feature Access Code", **ENTER**, "Button Type", **ENTER**.
4. Press **ADD**, **EXECUTE**.

CHANGE - 1. Display the PROC.
(See Note 5) 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "PBX Line Extension Number, Feature Access Code, or Speed Call Member Number", **ENTER**, "Button Type", **ENTER**.
4. Press **ADD**, **EXECUTE**.

REMOVE -1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the ECTS station.

Field 4 - ECTS set button number (see PROC 052, WORD 0.)

Field 5 - PBX line extension number, feature/trunk access code, or speed call member number.

Field 6 - Button type encode for the button assigned in field 4.

These encodes are:

- | | |
|----------------------------------|---|
| 8 - Manual Exclusion | 20 - Release (See Note 3) |
| 11 - Ringer Cutoff (see Note 3) | 21 - Auto In |
| 12 - Ringer Transfer | 22 - Manual In |
| 13 - Abbreviated/Delayed Ringing | 23 - Aux Work |
| 17 - Station DSS | 24 - Staff |
| 18 - Speed Calling Access. | 25 - Originate |
| 19 - Malicious Call Trace | 26 - Repeat City of Origin (See Note 3) |

NOTES:

- Button types 8, 12, 21, 22, 23, and 24 can be assigned to only one button appearance per extension number.
- A feature or trunk access code or extension number may be assigned to field 5 when the button type for field 6 is designated as DSS (type 17).
- A PBX extension is not assigned for this type of button.
- The ADD operation is valid for button types 8, 12, 13, and 17.
- The CHANGE operation for field 5 is not valid for a button type 11.
- Use fields 5 and 6 to display station equipment location assigned to button types 8 and 12.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 84 - See Note 6.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set; assignment cannot be made.
- 88 - Button already assigned.
- 90 - Wrong type button.
- 91 - Maximum appearances exceeded.
- 92 - Invalid prefix digit.
- 93 - Station busy indicator.

Fig. 50—PROC 054, WORD 1, VER 1 (FPs 7, 8, Iss 1/2; 11; 12)◆

ECTS MISCELLANEOUS STATION FEATURES, VER 2										PROC 054 CAP									
WORD 1	STATION EQPT LOC			BUTTON NUMBER	PBX EXTENSION, FEATURE ACCESS CODE, OR SPEED CALL MEMBER NUMBER	BUTTON TYPE													
	CONTROL	SLOT	CIRCUIT																
	1	2	3	4		5	6												

USE:

This PROC is used to assign buttons on ECTS sets for miscellaneous features.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-4, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** to display the desired button.

ADD - 1. Display the PROC.
(See Note 4) 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "PBX Line Extension Number or Feature Access Code", **ENTER**, "Button Type", **ENTER**.
4. Press **ADD**, **EXECUTE**.

CHANGE - 1. Display the PROC.
(See Note 5) 2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "PBX Line Extension Number, Feature Access Code, or Speed Call Member Number", **ENTER**, "Button Type", **ENTER**.
4. Press **ADD**, **EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the ECTS station.

Field 4 - ECTS set button number (see Fig. 44.)

Field 5 - PBX line extension number, feature/trunk access code, or speed call member number.

Field 6 - Button type encode for the button assigned in field 4. These encodes are:

- | | |
|----------------------------------|---|
| 8 - Manual Exclusion | 23 - Aux Work |
| 11 - Ringer Cutoff (see Note 3) | 24 - Staff |
| 12 - Ringer Transfer | 25 - Originate |
| 13 - Abbreviated/Delayed Ringing | 26 - Repeat City of Origin (See Note 3) |
| 17 - Station DSS | 27 - Send All Calls |
| 18 - Speed Calling Access. | 28 - Consult |
| 19 - MET Emergency | 29 - Leave Word Calling Activate |
| 20 - Release (See Note 3) | 30 - Coverage Callback |
| 21 - Auto In | |
| 22 - Manual In | |

NOTES:

1. Button types 8, 12, 21, 22, 23, and 24 can be assigned to only one button appearance per extension number.
2. A feature or trunk access code or extension number may be assigned to field 5 when the button type for field 6 is designated as DSS (type 17).
3. A PBX extension is not assigned for this type of button.
4. The ADD operation is valid for button types 8, 12, 13, and 17.
5. The CHANGE operation for field 5 is not valid for a button type 11.
6. Use fields 5 and 6 to display station equipment location assigned to button types 8 and 12.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 84 - See Note 6.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set; assignment cannot be made.
- 88 - Button already assigned.
- 90 - Wrong type button.
- 91 - Maximum appearances exceeded.
- 92 - Invalid prefix digit.
- 93 - Station busy indicator.

Fig. 51—PROC 054, WORD 1, VER 2 (FP 8, 1cc 3)4

ECTS CUSTOM CALLING FEATURE BUTTONS						PROC 054 CAP
WORD 2	STATION EQPT LOC			BUTTON NUMBER	CUSTOM CALLING BUTTON TYPE	
	CONTROL	SLOT	CIRCUIT			BUTTON TYPE 14, 15, 16 =C.C. TYPE
	1	2	3	4	5	6

USE:

This PROC is used to define buttons for the ECTS Custom Calling features. The Custom Calling features which may be assigned to ECTS set buttons are as follows:

- Automatic Callback
- Call Forwarding - All Calls
- Call Forwarding - Busy and Don't Answer
- Call Hold
- Call Pickup
- Call Waiting (Answer)
- Call Waiting (Originating)
- Executive Override
- Last Extension Dialed
- Leave Word Calling - Cancel

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-4, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Press **NEXT DATA** to display the desired button.

ADD or CHANGE (See Note) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 5, **ENTER**, "Custom Calling Button Type", **ENTER**.
3. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the ECTS station.
Field 4 - ECTS set button number (see PROC 052, WORD 0.)

Field 5 - Custom calling button type encode for the button assigned in field 4.

Field 6 - Custom calling button type. The feature and encodes for fields 5 and 6 are shown below.

FIELD 5 ENCODES	FIELD 6 ENCODES	FEATURE
0	14	Call Hold
1	14	Call Waiting, Answer
2	15	Call Waiting, Originating
3	16	Call Forwarding - All
4	16	Call Forwarding - BY/DA
5	15	Executive Override
6	15	Automatic Callback
7	14	Call Pickup
8	16	Last Station Called
9	15	Leave Word Calling - Cancel

NOTE:

Assignments can only be made to buttons which are unassigned or assigned as a custom button. If the button to be administered is assigned as other than a custom calling feature button, go to the proper procedure to remove the button and then come back to this PROC to make the new assignment.

SPECIAL ERROR CODES:

- 81 - See Note.
- 82 - Only one call pickup button can be assigned to a station.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set; assignment cannot be made.
- 88 - Button already assigned.

Fig. 52—PROC 054, WORD 2 (FPs 7, 8, 11, 12)

ECTS HOLD FEATURE BUTTON										PROC 054 CAP	
WORD 3	STATION EQPT LOC			BUTTON NUMBER	HOLD BUTTON TYPE						DISPLAY
	CONTROL	SLOT	C I R C U I T							BUTTON TYPE (HOLD=6)	
	1	2	3	4	5						6

USE:

This PROC is used to assign hold options to buttons on ECTS sets.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-4, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display the desired button number.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "Hold Button Type", **ENTER**.
4. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of the ECTS station.

Field 4 - ECTS set button number (see PROC 052, WORD 0.)

Field 5 - Hold button type:

- 0 - Hold
- 1 - I-Hold
- 2 - Priority Hold
- 3 - Exclusive Hold
- 4 - Hold With Music
- 5 - I-Hold With Music
- 6 - Priority Hold With Music
- 7 - Exclusive Hold With Music.

SPECIAL ERROR CODES:

- 81 - Assignments can only be made to unassigned buttons or hold buttons.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - No-button set; assignment cannot be made.

Fig. 53—PROC 054, WORD 3 (FPs 7, 8, 11, 12)



ECTS STATION BUSY FEATURE								PROC 055 CAP
SIGNALLING STATION			SIGNALED STATION				DISPLAY	
STATION EQPT LOC			BUTTON NUMBER	STATION EQPT LOC			NUMBER OF SIGNALED STATIONS	
CONTROL	SLOT	CIRCUIT			CONTROL	SLOT		CIRCUIT
1	2	3	4	5	6	7	8	

USE:

This PROC is used to assign the ECTS Station Busy feature.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-5-5, **ENTER**.

DISPLAY BY SIGNALING STATION - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all signaled stations.

DISPLAY BY SIGNALED STATION - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 5, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. Press **DISPLAY, EXECUTE**.
5. Use **NEXT DATA** to display all signaled stations.

ADD SIGNALED STATION (See Note) - 1. Display by signaling station.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Button Number", **ENTER**, "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. Press **ADD, EXECUTE**.

REMOVE SIGNALED STATION - 1. Display by signaling station.
2. Use **NEXT DATA** to display signaled station to be removed.
3. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Station equipment location of signaling station. Enter the phantom station equipment location of no-button sets that are to be used as signaling stations.

Field 4 - Station busy button number of the signaled station. The status lamp associated with this button serves as the visual indication for busy or idle status. Station busy can be assigned to unassigned, hold, speed calling, or DSS button types (two features use the same button) (see Fig. 30).

Fields 5 thru 7 - Station equipment location of signaled station.

NOTE:

Only one signaling station can be assigned to a button on a signaled station.

SPECIAL ERROR CODES:

- 81 - Station busy can be assigned to unassigned, hold, speed calling, or DSS button types.
- 82 - See Note.
- 87 - No-button set is not allowed as a signaled station.
- 88 - Button already assigned.
- 93 - No station busy assigned.

Fig. 54—PROC 055 (FPs 7, 8, 11, 12)

ECTS DIAL/AUTO-MANUAL INTERCOMS									PROC 056 CAP
ICOM TYPE 0 NON- DIAL 1 DIAL	INTERCOM NUMBER	STATION EQPT LOC			BUTTON NUMBER	DIAL CODE	NON-DIAL SIGNAL TYPE 0-MANUAL 1-AUTO	DISPLAY	
		CONTROL	SLOT	CIRCUIT					
1	2	3	4	5	6	7	8	9	

USE:

This PROC is used to assign the ECTS Dial, Automatic, and Manual Intercom features.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-5-6, **ENTER**.

DISPLAY BY INTERCOM - 1. Load the PROC.
2. Dial "Icom Type", **ENTER**, "Intercom Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all assigned station equipment locations.

DISPLAY BY EQUIPMENT LOCATION - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 3, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
4. Press **DISPLAY**, **EXECUTE**.
5. Use **NEXT DATA** to display all assigned intercoms.

ADD STATION (NON-DIAL) (See Note 1) - 1. Display by Intercom.
2. Press **CHANGE FIELD**; dial 3, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**, "Button Number", **ENTER**, **CLEAR ENTRY**, **ENTER**, "Non-Dial Signal Type", **ENTER**.
4. Press **ADD**, **EXECUTE**.

ADD STATION (DIAL) (See Note 2) - 1. Display by Intercom.
2. Press **CHANGE FIELD**; dial 3, **ENTER**.
3. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**, "Button Number", **ENTER**, "Dial Code", **ENTER**.
4. Press **ADD**, **EXECUTE**.

REMOVE STATION - 1. Display by Intercom
2. Use **NEXT DATA** to display station to be removed.
3. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Type of Intercom:

0 = Non-Dial
1 = Dial.

Field 2 - Intercom group number.

Fields 3 thru 5 - Station equipment location of intercom group member.

Field 6 - Intercom button number (see PROC 052, WORD 0.)

Field 7 - Dial code for dial intercom member. Dial intercom dial codes can consist of only 2 tens groups and 10 single-digit numbers including 0. For manual and intercom members, the display is dashes.

Field 8 - Non-dial signal type:

0 = Manual
1 = Automatic.

Field 9 - Display of the number of stations on this intercom.

NOTES:

- Each intercom group may have a maximum of 16 stations assigned. Of the 16 stations, all may be manual or 2 may be automatic and the remaining 14 must be manual. A maximum of 2 automatic intercom stations may be assigned to an intercom group.

Fig. 55—PROC 056 (FPs 7, 8, 11, 12) (Sheet 1 of 2)

NOTES:

2. A maximum of 28 stations may be assigned to each dial intercom group.

SPECIAL ERROR CODES:

- 81 - Only two automatic intercoms are allowed on the same intercom group.
- 82 - Only 16 appearances of a non-dial and 28 appearances of a dial intercom are allowed.
- 83 - A maximum of 3 tens groups allowed for intercom dial codes.
- 85 - A station cannot have multiple appearances of the same non-dial intercom.
- 86 - I/O error to controller. Repack controller using PROC 060, WORD 2.
- 87 - Only EKT set allowed.
- 88 - Button is already assigned.
- 92 - Dial code is already assigned.

Fig. 55—PROC 056 (FPs 7, 8, 11, 12) (Sheet 2 of 2)

ECTS CO LINE PICK UP												PROC 057 CAP
WORD 1	STATION EQPT LOC			BUTTON NUMBER	TRUNK EQUIPMENT LOC				RT TY NP GE	DISPLAY ONLY		
	CONTROL	SLOT	CIRCUIT		MODULE	CABINET	CARRIER	SLOT		CIRCUIT	NO OF APPEAR OF THIS CO LINE (MAX=16)	
	1	2	3	4	5	6	7	8	9	10	11	12

USE:

This PROC is used to administer the ECTS Personal Central Office Line feature.

OPERATION: (See NOTES)

- LOAD PROC** - Press **CUST PROC NO**; dial 0-5-7, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Control", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all CO line pickups assigned.
- ADD** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Button Number", **ENTER**, "Module", **ENTER**, "Cabinet", **ENTER**, "Carrier", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**, "Ring Encode", **ENTER**.
4. Press **ADD**, **EXECUTE**.
- REMOVE** - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Fields 1 thru 3 - Station equipment location of ECTS station.
Field 4 - CO line pickup button number
0 = No button and Electronic custom set
1-30 = Electronic key set
(see PROC 052, WORD 0).
- Fields 5 thru 9 - Trunk equipment location of CO line circuit.
Field 10 - Incoming call ring encode for the CO line:
0 = No ring
1 = Ring.
- Field 11 - Number of appearances of this CO line.
Field 12 - Button type (see PROC 052, WORD 0).

NOTES:

- Use WORD 2 to find all stations that pick up a CO line.
- ELTN custom sets (ECT) must not be an assigned extension in PROC 052.

SPECIAL ERROR CODES:

- 81 - Trunk must be assigned to a trunk group used only for CO line pickup.
82 - CO line pickup cannot be assigned to a no-button set.
86 - I/O error to controller.
88 - Button is already assigned.
90 - Wrong button type.
91 - A maximum of 16 appearances is allowed.

Fig. 56—PROC 057, WORD 1 (FPs 7, 8, 11, 12)

ECTS SEARCH PERSONAL CO LINE PICKUP										PROC 057 CAP										
WORD 2	TRUNK EQUIPMENT LOC				STATION EQPT LOC			BUTTON NUMBER												
	MODULE	CABINET	CARRIER	SLOT	CONTROL	SLOT	CIRCUIT		1	2	3									
	1	2	3	4	5	6	7	8	9											

USE:

This PROC is used to display all station and button appearances of a specific CO line.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-5-7, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Module", **ENTER**, "Cabinet", **ENTER**, "Carrier", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all stations and buttons assigned.

EXPLANATION OF FIELDS:

Fields 1 thru 5 - Trunk equipment location of the CO line circuit.

Fields 6 thru 8 - Station equipment location of station assigned to CO line.

Field 9 - Button number for CO line pickup (see PROC 052, WORD 0)

SPECIAL ERROR CODE:

81 - Trunk not assigned to CO line pickup.

Fig. 57—PROC 057, WORD 2 (FPs 7, 8, 11, 12)

ECTS SEARCH C. O. LINE TRUNK INFORMATION, VER 1								PROC 057 CAP
WORD 3	TRUNK GROUP NUMBER 1	TRUNK TYPE 2	TRUNK EQUIPMENT LOC				NUMBER OF APPEARANCES 8	
			MODULE 3	C A B I N E T 4	C A R R I E R 5	SLOT 6		C I R C U I T 7

USE:

This PROC is used to search for and display CO, FX, or WATS trunks which may be used with the ECTS Personal CO Line feature.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-5-7, **ENTER.**

2. Press **WORD NO.**; dial 3, **ENTER.**

DISPLAY BY - 1. Dial "Trunk Group Number," **ENTER.**

TRUNK GROUP 2. Press **DISPLAY, EXECUTE.**

NUMBER 3. Use **NEXT DATA** to display all ECTS trunks and trunk groups.

DISPLAY -1. Press **DISPLAY, EXECUTE.**

WITHOUT 2. Use **NEXT DATA** to display all

ENTERING ECTS trunks and trunk groups.

TRUNK GROUP

NUMBER

EXPLANATION OF FIELDS:

Field 1 - The trunk group number of a trunk group containing the types of trunks which may be assigned to the ECTS Personal CO Line feature.

Field 2 - Identifies the type of trunk being displayed.

Field limits are:

19 - 2-way CO, automatic in Direct Outward dialing (DOD).

24 - 2-way FX, automatic in DOD.

26 - 1-way WATS, automatic in

27 - 1-way WATS, DOD.

Field 3 - Location of the trunk.
through
Field 7

Field 8 - A trunk may appear on more than one MET set.
The total number of appearances is shown here.

NOTES:

1. If field 1 is a dash, the lowest numbered ECTS trunk group will be displayed.
2. If no trunks are assigned to an ECTS trunk group, dashes will be displayed.

SPECIAL ERROR CODE:

81-Not an ECTS trunk group.

Fig. 58—PROC 057, WORD 3, VER 1 (FPs 7; 8, Iss 1/2; 11; 12)

ECTS SEARCH C. O. LINE TRUNK INFORMATION, VER 2								PROC 057 CAP
WORD 3	TRUNK GROUP NUMBER	TRUNK TYPE	TRUNK EQUIPMENT LOC				A P P E A R A N C E S O F N U M B E R 8	
			MOOULE	C A B I N E T	C A R R I E R	SLOT		C I R C U I T
	1	2	3	4	5	6	7	

USE:

This PROC is used to search for and display CO, FX, or WATS trunks which may be used with the ECTS Personal CO Line feature.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-5-7, **ENTER**.
2. Press **WORD NO.**; dial 3, **ENTER**.

DISPLAY BY TRUNK GROUP NUMBER - 1. Dial "Trunk Group Number," **ENTER**.
2. Press **DISPLAY, EXECUTE**.
3. Use **NEXT DATA** to display all ECTS trunks and trunk groups.

DISPLAY WITHOUT ENTERING TRUNK GROUP NUMBER - 1. Press **DISPLAY, EXECUTE**.
2. Use **NEXT DATA** to display all ECTS trunks and trunk groups.

EXPLANATION OF FIELDS:

Field 1 - The trunk group number of a trunk group containing the types of trunks which may be assigned to the ECTS Personal CO Line feature.

Field 2 - Identifies the type of trunk being displayed. Field limits are:

- 19 - 2-way CO, automatic in Direct Outward dialing (DOD).
- 24 - 2-way FX, automatic in DOD.
- 26 - 1-way WATS, automatic in
- 27 - 1-way WATS, DOD.

Field 3 - Location of the trunk. through Field 7

Field 8 - A trunk may appear on more than one MET set. The total number of appearances is shown here.

NOTES:

1. If field 1 is a dash, the lowest numbered ECTS trunk group will be displayed.
2. If no trunks are assigned to an ECTS trunk group, dashes will be displayed.

SPECIAL ERROR CODE:

81-Not an ECTS trunk group.

Fig. 59—PROC 057, WORD 3, VER 2 (FP 8, Iss 3)

ECTS STATION SWAP, VER 1												PROC 058 CAP
STATION A						STATION B						
STATION EQP. LOC.			DISPLAY ONLY			STATION EQP. LOC.			DISPLAY ONLY			
CONTROLLER	SLOT	C I R C U I T	F E A T U R E	T Y P E	N U M B E R O F B U T T O N S	CONTROLLER	SLOT	C I R C U I T	F E A T U R E	T Y P E	N U M B E R O F B U T T O N S	
1	2	3	4	5	6	7	8	9	10	11	12	

USE:

This PROC is used to exchange ECTS station sets (in pairs) and to display the feature, type, and number of buttons of the station sets.

OPERATION:

- LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-5-8, **ENTER**.
- ECTS STATIONS SWAP - 1. Load the PROC.
 2. For station set "A": Dial "controller", **ENTER**, "slot", **ENTER**, "circuit", **ENTER**.
 3. For station set "B": Dial "controller", **ENTER**, "slot", **ENTER**, "circuit"; **ENTER**.
 4. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Fields 1 and 7 - Controller number. Valid entries are 0 through 12.
- Fields 2 and 8 - Carrier slot which contains a data channel:
 30 through 38 = Basic control carrier.
 20 through 33 = Growth control carrier.
- Fields 3 and 9 - Data channel circuit (0 or 1).
- Fields 4 and 10 - Dash = regular station set.
 1 = DSS strip on station set.
- Fields 5 and 11 - Dash = no button station set.
 1 = Electronic key telephone (EKT) station set.
 2 = Electronic custom telephone (ECTS) station set.
- Fields 6 and 12 - Number of buttons on the EKT or ECTS station set dashes for no button station sets.

Fig. 60—PROC 058, VER 1 (FPs 8, Iss 1/2; 11; 12) (Sheet 1 of 2)

NOTES:

1. No button sets (SLS) cannot be swapped.
2. Both stations must be assigned.
3. Each station must use less than 87 points, points can be determined by the following table:

Each button.....	1
Each manual signal button.....	1
Each message waiting button.....	1
Each signaling station busy.....	2
4. Swapping stations can require up to 1.5 minutes.
5. When swapping stations with AMW lamp, the lamp may not be updated for a period up to 10 minutes.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 83 - See Note 3.
- 86 - I/O error to controller A. Repack controller using PROC 060, WORD 2.
- 87 - I/O error to controller B. Repack controller using PROC 060, WORD 2.
- 88 - I/O error to both controllers. Repack controllers using PROC 060, WORD 2.
- 89 - Controller memory full.

Fig. 60—PROC 058, VER 1 (FPs 8 Iss 1/2, 11, 12) (Sheet 2 of 2)

ECTS STATION SWAP, VER 2														PROC 058 CAP
STATION A							STATION B							
STATION EQP. LOC.		DISPLAY ONLY					STATION EQP. LOC.		DISPLAY ONLY					
CONTROLLER	SLOT	C I R C U I T	F E A T U R E	T Y P E	N U M B E R O F B U T T O N S	L O A D E D	CONTROLLER	SLOT	C I R C U I T	F E A T U R E	T Y P E	N U M B E R O F B U T T O N S	L O A D E D	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	

USE:

This PROC is used to exchange ECTS station sets (in pairs) and to display the feature, type, and number of buttons of the station sets.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO.**; dial 0-5-8, **ENTER.**

ECTS STATIONS SWAP - 1. Load the PROC.
2. For station set "A": Dial "controller", **ENTER**, "slot", **ENTER**, "circuit", **ENTER**.
3. For station set "B": Dial "controller", **ENTER**, "slot", **ENTER**, "circuit"; **ENTER**.
4. Press **CHANGE, EXECUTE.**

EXPLANATION OF FIELDS:

Fields 1 and 8 - Controller number. Valid entries are 0 through 12.
Fields 2 and 9 - Carrier slot which contains a data channel:
30 through 38 = Basic control carrier.
20 through 33 = Growth control carrier.
Fields 3 and 10 - Data channel circuit (0 or 1).
Fields 4 and 11 - Dash = regular station set.
1 = DSS strip on station set.
Fields 5 and 12 - Dash = no button station set.
1 = Electronic key telephone (EKT) station set.
2 = Electronic custom telephone (ECTS) station set.
Fields 6 and 13 - Number of buttons on the EKT or ECTS station set dashes for no button station sets.
Fields 7 and 14 - 0 = Not loaded.
1 = Loaded.

Fig. 61—PROC 058, VER 2 (FP 8, Iss 3) (Sheet 1 of 2)

NOTES:

1. No button sets (SLS) cannot be swapped.
2. Both stations must be assigned.
3. Each station must use less than 87 points.
Points can be determined by the following table:

Each button.....	1
Each manual signal button.....	1
Each message waiting button.....	1
Each signaling station busy.....	2
4. Swapping stations can require up to 1.5 minutes.
5. When swapping stations with AMW lamp, the lamp may not be updated for a period up to 10 minutes.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 83 - See Note 3.
- 86 - I/O error to controller A. Repack controller using PROC 060, WORD 2.
- 87 - I/O error to controller B. Repack controller using PROC 060, WORD 2.
- 88 - I/O error to both controllers. Repack controllers using PROC 060, WORD 2.
- 89 - Controller memory full.

Fig. 61 — PROC 058, VER 2 (FP 8, Iss 3) (Sheet 2 of 2)

ECTS-CMS-DISPLAY SIGNALING, VER 1						PROC 059 CAP
WORD 1	DISPLAY UNIT EQPT LOC.			DIS C O L U M N 4	CMS G R O U P 5	
	CONTR 1	SLOT 2	CIR C U I T 3			

USE:

This PROC is used to display, add, or remove a display controller equipment location and to display, add, or remove CMS groups or members from a display unit.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-5-9, **ENTER**.

DISPLAY ACD GROUPS AND MEMBERS - 1. Load the PROC.
2. Dial Electronic Telephone "Controller" number, **ENTER**, the LC55 "slot" number, **ENTER**, and the steering "circuit" number, **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all columns assigned on a display unit.

DISPLAY EQUIPMENT LOCATION 1. Load the PROC.
2. Press **CHANGE FIELD**, dial 5, **ENTER**, "CMS group" number, **ENTER**, "CMS member" number, **ENTER**.
3. Press **DISPLAY, EXECUTE**.

ADD ACD GROUPS AND MEMBERS 1. Load the PROC.
2. Dial Electronic Telephone "Controller" number, **ENTER**, LC55 "slot" location, **ENTER**, steering "circuit" number, **ENTER**, "Display column", **ENTER**, "CMS group" number, **ENTER**, "CMS member" number, **ENTER**.
3. Press **ADD, EXECUTE, DISPLAY, EXECUTE**.

OPERATION (Cont):

REMOVE 1. Display CMS groups and members.
CMS GROUPS 2. Press **REMOVE, EXECUTE**.
AND MEMBERS

EXPLANATION OF FIELDS:

Field 1 - Designation of ETC for display location (0-63).
Field 2 - Location of LC55 associated with display (0-7, 13-20).
Field 3 - Steering circuit dedicated to display (0-7).
Field 4 - Column on ACD display unit controlled by a signaling station (0-9).
Field 5 - CMS group number (1-30).
Field 6 - CMS group member (0-511).

SPECIAL ERROR CODES:

81 - Not enough room in controller memory for display.
82 - Activate ECTS service via PROC 275, WORD 1, then see error code 84.
83 - Assign controller data channel via PROC 060, WORD 1, then see error code 84.
84 - Repack controller via PROC 060, WORD 2.
86 - I/O error (see error code 84).
91 - Member of CMS group already appears on display unit.

Fig. 62—PROC 059, WORD 1, VER 1 (FP 8, Iss 2)◆

ECTS-UCD-DISPLAY SIGNALING, VER 2							DISP ONLY	PROC 059
WORD	DISPLAY UNIT EQPT LOC.		C I R C U I T	D I S P L A Y	UCD G R O U P	UCD M E M B E R		
1	CONTROL	SLOT						
	1	2	3	4	5	6	7	

USE:

This PROC is used to display, add, or remove a display controller equipment location and to display, add, or remove UCD groups or members from a display unit.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-5-9, **ENTER**.

DISPLAY ACD GROUPS AND MEMBERS - 1. Load the PROC.
2. Dial Electronic Telephone "Controller" number, **ENTER**, the LC55 "slot" number, **ENTER**, and the steering "circuit" number, **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all columns assigned on a display unit.

DISPLAY EQUIPMENT LOCATION - 1. Load the PROC.
2. Press **CHANGE FIELD**, dial 5, **ENTER**, "UCD group" number, **ENTER**, "UCD member" number, **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.

ADD ACD GROUPS AND MEMBERS - 1. Load the PROC.
2. Dial Electronic Telephone "Controller" number, **ENTER**, LC55 "slot" location, **ENTER**, steering "circuit" number, **ENTER**, "Display column", **ENTER**, "UCD group" number, **ENTER**, "UCD member" number, **ENTER**.
3. Press **ADD**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

OPERATION (Cont):

REMOVE ACD GROUPS AND MEMBERS - 1. Display UCD groups and members.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Designation of ETC for display location (0-63).
Field 2 - Location of LC55 associated with display (0-7, 13-20).
Field 3 - Steering circuit dedicated to display (0-7).
Field 4 - Column on UCD display unit controlled by a signaling station (0-9).
Field 5 - UCD group number (1-30).
Field 6 - UCD group member (0-511).
Field 7 - Loaded with ECTS.
0 = Not loaded.
1 = Loaded.

SPECIAL ERROR CODES:

81 - Not enough room in controller memory for display.
82 - Activate ECTS service via PROC 275, WORD 1, then see error code 84.
83 - Assign controller data channel via PROC 060, WORD 1, then see error code 84.
84 - Repack controller via PROC 060, WORD 2.
86 - I/O error (see error code 84).
91 - Member of UCD group already appears on display unit.

Fig. 63—PROC 059, WORD 1, VER 2 (FP 8, Iss 3)◆

ECTS-CMS/UCD-DISPLAY PAIR										PROC 059 CAP
WORD 2	DISPLAY UNIT EQPT LOC.			SECOND DISPLAY UNIT EQPT LOC.						
	CONTROL	SLOT	CIRCUIT	CONTROL	SLOT	CIRCUIT				
	1	2	3	4	5	6				

USE:

This PROC is used to display, add, or remove the steering circuits for the two sides of a display.

OPERATION:

- LOAD PROC**
1. Press **CJST PROC NO**; dial 0-5-9, **ENTER**.
 2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY ASSOCIATED STEERING CIRCUIT**
1. Load the PROC.
 2. Dial Electronic Telephone "Controller" number; **ENTER**, the LC55 "slot" number, **ENTER**, the steering "circuit" number, **ENTER**.
 3. Press **DISPLAY, EXECUTE**.
- ADD ASSOCIATED STEERING CIRCUIT**
1. Display the PROC.
 2. Dial the second Electronic Telephone "Controller" number, **ENTER**, the second LC55 "slot" number, **ENTER**, the second steering "circuit" number, **ENTER**.
 3. Press **ADD, EXECUTE, DISPLAY, EXECUTE**.
- REMOVE ASSOCIATED STEERING CIRCUIT**
1. Display the associated steering circuit.
 2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS (See Note 1):

- Field 1 - Designation of ETC for first display equipment. Valid entries are, 0-63.
- Field 2 - Location of LC55 associated with first display equipment location. Valid entries are, 0-7 and 13-20.
- Field 3 - Steering circuit dedicated to first display equipment location. Valid entries are 0-7.
- Field 4 - Designation of ETC for second display equipment. Valid entries are the same as field 1.
- Field 5 - Location of LC55 associated with second display equipment location. Valid entries are the same as field 2.
- Field 6 - Steering circuit dedicated to second display equipment location. Valid entries are the same as field 3.

NOTES:

1. The display equipment location must be assigned in WORD 1 before using WORD 2.
2. For proper test button operation on the CMS/UCD display, this procedure needs to be implemented.

SPECIAL ERROR CODES:

- 91 - Display equipment location already paired.
- 92 - A display equipment location cannot be paired with itself.

Fig. 64—PROC 059, WORD 2 (FP 8, Iss 2/3)

ECTS CONTROLLER LOCATION						PROC 060 CAP
W O R D 1	CONTROL	DATA CHANNEL LOCATION		DISPLAY ONLY		
		C A R R I E R	S L O T	C I R C U I T	N U M B E R O F A S S I G N E D S T E E R I N G C I R C U I T S	
	1	2	3	4	5	

USE:

This PROC is used to add or remove a controller and to display the number of assigned steering circuits.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-6-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Control", **ENTER**.
3. Press **DISPLAY, EXECUTE**.

ADD CONTROLLER - 1. Display the PROC.
2. Dial **ENTER**, "Carrier", **ENTER**, "Slot", **ENTER**, "Circuit", **ENTER**.
(See Note 1) 3. Press **ADD, EXECUTE**.

REMOVE CONTROLLER - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.
(See Note 2)

EXPLANATION OF FIELDS:

- Field 1 - Controller number. Valid entries are 0 thru 12.
- Field 2 - Type of carrier the data channel (LC34B) is located in:
0 = Basic control carrier
1 = Growth control carrier
2 = I/O growth carrier.
- Field 3 - Carrier slot which contains a data channel:
30 thru 38 = Basic control carrier
20 thru 33 = Growth control carrier.
- Field 4 - Data channel circuit (0 or 1).
- Field 5 - Number of assigned steering circuits.

NOTES:

- 1. The maintenance station must be assigned (PROC 051) before adding a controller and removed after removing a controller.
- 2. Removing this assignment will stop service to the specified controller until the assignment is added back.

SPECIAL ERROR CODE:

- 82 - See Note 1.
- 86 - Repack not completed in 1 minute time limit.
- 87 - Failure to write in WORD 0 of SAB memory.

Fig. 65—PROC 060, WORD 1 (FPs 7, 8, 11, 12)

ECTS REPACK CONTROLLER											
W O R D	CONTROL										PROC 060 CAP
		2	1								

USE:

This PROC is used to repack a particular controller's memory (see Notes 1 and 2).

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 0-6-0, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.

REPACK CONTROLLER - 1. Load the PROC.
2. Dial "Control", **ENTER**.
3. Press **ADD**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Controller which is to be repacked.

NOTES:

1. If an error code of 86 appears when a station set is added to a controller (PROC 051), the controller must be repacked before the station will operate.
2. Repacking the controller disrupts service (will not process button pushes or on- and off-hook) for approximately 20 seconds.

SPECIAL ERROR CODES:

- 81 - The controller must be assigned to a data channel. (See Word 1).
86 - The repack was not completed in the 1-minute time limit.
87 - Failure to write in word 0 of station activity buffer (SAB).

Fig. 66—PROC 060, WORD 2 (FPs 7, 8, 11, 12)

AUTOMATIC MESSAGE WAITING						DISP ONLY	PROC 063
PBX EXTENSION NO	STATION EQPT LOC			BUTTON NUMBER			
	CONTROLLER	SLOT	CKT				6
	1	2	3	4	5		CAP

USE:

This procedure is used to associate a lamp on a station to a PBX extension for automatic message waiting

OPERATION:

- LOAD PROC** - Depress **CUST PROC NO.**, dial 0-6-3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial the PBX extension number, **ENTER**; or **ENTER**, controller, **ENTER**; slot, **ENTER**, circuit, **ENTER**.
3. Depress **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to step through all stations and buttons associated with an extension or all extensions associated with a station.
- ADD** - 1. Depress **CUST PROC NO.**, dial 0-6-3, **ENTER**.
2. Add data to each field required, followed by **ENTER**.
3. **ADD**, **EXECUTE**, **DISPLAY**, **EXECUTE**.
- REMOVE** - 1. After display, depress **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Extension number that the Automatic Message Waiting (AMW) lamp is associated. 10-9999.
- Fields 2-4 - Equipment location of the station where the AMW lamp is assigned.
- Field 5 - Button number where the AMW lamp is assigned. 1-30.
- Field 6 - Set type:
0 = Basic set.
1 = SLS.
2 = EKT/ECT set.

NOTES:

If field 1 is entered, **NEXT DATA** will display each station equipment location (2-4) and button number(5) associated with the extension. If fields 2-4 are entered, **NEXT DATA** will display each PBX extension (1) and button number (5) associated with the station.

SPECIAL ERROR CODES:

- 81 - Only 3 AMW lamps may be assigned per extension.
82 - A lamp is already assigned to this extension (1) at this station (2-4).
83 - No AMW lamp assigned.
84 - Associated extensions are not allowed.
85 - Lamp is assigned.
86 - AMW lamps can be assigned to unassigned button types only.
87 - I/O error to controller; SAB memory not updated.
88 - Fields 1-5 are required for EKT/ECT and SLS sets (button number must be 0 for SLS sets).
89 - Fields 2-5 are not required if field 1 specifies a non-SLS 500/2500 set.
90 - The AMW lamp on an SLS must be for its own extension only.
91 - The extension must be assigned to an AP via Procedure 000, Word 2.

Fig. 68—PROC 063 (FPs 8, lss 3; 11, lss 2)

EXTENSION LINE RELATED SEARCHES, VER 1								PROC 075 CAP
SEARCH		LINE EXTENSION NUMBER	EQUIPMENT LOCATION					
T Y P E	COS/ GROUP		MODULE	C A B I N E T 5	C A R R I E R 6	SLOT	C I R C U I T 8	
1		2						

USE:

This PROC searches for and displays stations associated with a specific line class of service, call pickup group, or controlled restriction group.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-7-5, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Type", **ENTER**, "COS/Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all stations associated with the selected COS/group.

EXPLANATION OF FIELDS:

Field 1 - Type of search:

- 1 = Line class of service (All FPs)
- 2 = Call pickup group (All FPs)
- 3 = Controlled restriction group (All FPs)
- 4 = Individual EC load (FP9/11 only)
- 5 = HM Room EC load (FP9/11 only).

Field 2 - Class of service or group number.

Fields 3 thru 8 - Line extension number and equipment location associated with the data entered in fields 1 and 2. If the line extension number is assigned to ECTS, fields 4 thru 8 will contain dashes. When fields 3 thru 8 display dashes, the search is completed. **NEXT DATA** restarts the search at the beginning.

Fig. 70—PROC 075, VER 1 (FPs 7; 8, Iss 1/2; 11; 12)

EXTENSION LINE RELATED SEARCHES, VER 2									PROC 075 CAP
SEARCH		LINE EXTENSION NUMBER	EQUIPMENT LOCATION				AP		
T Y P E	COS/ GROUP		MODULE	C A B I N E T	C A R R I E R	SLOT			
1		2	3	4	5	6	7	8	9

USE:

This PROC searches for and displays stations associated with a specific line class of service, call pickup group, or controlled restriction group.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-7-5, **ENTER**.

- DISPLAY -
1. Load the PROC.
 2. Dial "Type", **ENTER**, "COS/Group", **ENTER**.
 3. Press **DISPLAY**, **EXECUTE**.
 4. Use **NEXT DATA** to display all stations associated with the selected COS/group.

EXPLANATION OF FIELDS:

Field 1 - Type of search:

- 1 = Line class of service. Field 2 = 1-63.
- 2 = Call pickup group. Field 2 = 0-255.
- 3 = Controlled restriction group. Field 2 = 0-63.)
- 4 = Call Coverage group. Field 2 = 1-1445.

Field 2 - Class of service or group number.

Fields 3 thru 8 - Line extension number and equipment location associated with the data entered in fields 1 and 2. If the line extension number is assigned to ECTS, fields 4 thru 8 will contain dashes. When fields 3 thru 8 display dashes, the search is completed. **NEXT DATA** restarts the search at the beginning.

Field 9 - AP Number.

- 0 = Not assigned to an AP.
- 1 = Assigned to AP1.
- 2 = Assigned to AP2.

Fig. 71 — PROC 075, VER 2 (FP 8, Iss 3) ◆

SEARCH HUNT FROM							PROC 076 CAP
THIS LINE EXTENSION NUMBER	IS HUNTED TO BY THIS LINE EXTENSION NUMBER	EQUIPMENT LOCATION					
		MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T	
1	2	3	4	5	6	7	

USE:

This PROC is used to display the station number and equipment location of the extension(s) which hunt to a particular extension.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 0-7-6, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "This Line Extension Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display other extensions which hunt to the extension in field 1.

EXPLANATION OF FIELDS:

Field 1 - Hunt-to extension.

Fields 2 thru 7 - Line extension and equipment location which hunts to the extension in field 1. If the line extension displayed in field 2 is an ECTS line, the equipment location fields will contain dashes. When fields 2 thru 7 display dashes, the search is completed. **NEXT DATA** restarts the search at the beginning.

Fig. 72—PROC 076 (FPs 7, 8, 9, 11, 12)

NETWORK TRK GRP TRANSLATION, VER 1										PROC 103 CAP
TRUNK GROUP	FACILITY RESTRICTION LEVEL	DISPLAY ONLY								
		NETWORK TRUNK	MAIN/ TANDEM	TIE TRUNK	AAR/ARS	AUTH CODE	REQUIRE D	BRIDGE	ALLOWED	TRUNK RESERVATION LIMIT
1	2	3	4	5	6	7	8	9	10	

USE:

This PROC is used to display, add, or change the Facility Restriction Level (FRL) for network trunks and to display associated trunk translations.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 1-0-3, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.

ADD FRL - 1. Display the PROC.
(See Note 1) 2. Dial **ENTER**, "Facility Restriction Level", **ENTER**.
3. Press **ADD**, **EXECUTE**.

CHANGE - 1. Display the PROC.
FRL 2. Dial **ENTER**, "Facility Restriction Level", **ENTER**.
3. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Trunk group to be administered.

Field 2 - FRL limits are 0 thru 7.

Fields 3 and 4 - Trunk usage:

0 0 = Main

1 0 = Network to Main

1 1 = Network to Tandem

Field 5 - Incoming tie trunk access to AAR/ARS:
0 = Incoming tie trunk does not have access to AAR/ARS.
1 = Incoming tie trunk has access to AAR/ARS.

Field 6 - Authorization code requirement:
Authorization code is required only when incoming trunk default FRL is less than FRL associated with the route.
1 = Always required.

Field 7 - Trunk verification by station (TVS):
0 = Not allowed
1 = Allowed.

Field 8 - The number of idle trunks required before use as other than first-choice route.

Field 9 - AAR prefix digit (See Note 2).

Field 10 - Trunk data restriction:
0 = Not active
1 = Active .

NOTES:

1. Trunk groups must be added (by operating telephone company personnel) via the MAAP using PROC 100 before they can be added via this PROC.
2. AAR prefix is for tie trunks only.
3. Only telephone company personnel can change fields 3 through 9.

SPECIAL ERROR CODE:

83 - See Note 2.

Fig. 74—PROC 103, VER 1 (FP 8, Iss 1/2)

NETWORK TRK GRP TRANSLATION, VER 2										PROC 103 CAP	
TRUNK GROUP	FACILITY RESTRICTION LEVEL	DISPLAY ONLY							TRUNK RESERVATION LIMIT		AAR PREFIX
		NETWORK TRUNK	MAIN/ TANDEM	TIE	AAR/ARS	AUTH CODE	RESTRICTED	ALLOWED BRIDGE			
1	2	3	4	5	6	7	8	9	10		

USE:

This PROC is used to display, add, or change the Facility Restriction Level (FRL) for network trunks and to display associated trunk translations.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 1-0-3, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.

ADD FRL - 1. Display the PROC.
(See Note 1) 2. Dial **ENTER**, "Facility Restriction Level", **ENTER**.
3. Press **ADD**, **EXECUTE**.

CHANGE FRL - 1. Display the PROC.
2. Dial **ENTER**, "Facility Restriction Level", **ENTER**.
3. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Trunk group to be administered.
Field 2 - FRL limits are 0 thru 7.
Fields 3 and 4 - Trunk usage:
0 0 = Main
1 0 = Network to Main
1 1 = Network to Tandem

Field 5 - Incoming tie trunk access to AAR/ARS:
0 = Incoming tie trunk does not have access to AAR/ARS.
1 = Incoming tie trunk has access to AAR/ARS.

Field 6 - Authorization code requirement:
0 = Authorization code is required only when incoming trunk default FRL is less than FRL associated with the route.
1 = Always required.

Field 7 - Trunk verification by station (TVS):
0 = Not allowed
1 = Allowed.

Field 8 - The number of idle trunks required before use as other than first-choice route.

Field 9 - AAR prefix digit (See Note 2).

Field 10 - Trunk data restriction:
0 = Not active
1 = Active

NOTES:

1. Trunk groups must be added (by operating telephone company personnel) via the MAAp using PROC 100 before they can be added via this PROC.
2. AAR prefix is for tie trunks only.
3. Only telephone company personnel can change fields 3 through 9.

SPECIAL ERROR CODE:

83 - See Note 2.

Fig. 75—PROC 103, VER 2 (FP 8, Iss 3)

TRUNK MAINTENANCE BUSY LIST, VER 1									PROC	
TRUNK DIAL ACCESS CODE			TRUNK GROUP	TRUNK NUMBER	S M T A C T S U S S	NUMBER OF BUSIED OUT TRUNKS IN TRUNK GROUP	NUMBER OF TRUNKS IN TRUNK GROUP	NUMBER OF BUSIED OUT TRUNKS IN SYSTEM		106
1	2	3								CAP
1	2	3	4	5	6	7	8	9		

USE:

This PROC is used to display the maintenance busy status of a selected trunk.

OPERATION:

LOAD PROC -Press **CUST PROC** No; dial 1-0-6, **ENTER**.

DISPLAY BY DIAL ACCESS CODE

- 1. Load the PROC.
2. Dial "First Digit of Dial Access Code", **ENTER**. If this is a single-digit access code, skip Steps 3 and 4.
3. Dial "Second Digit", **ENTER**. If this is a 2-digit access code, skip Step 4.
4. Dial "Third Digit", **ENTER**.
5. Press **DISPLAY EXECUTE**.
6. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY TRUNK GROUP

- 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Trunk Group", **ENTER**.
4. Press **DISPLAY, EXECUTE**.
5. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY TRUNK GROUP AND TRUNK NUMBER

- 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 4, **ENTER**.
3. Dial "Trunk Group", **ENTER**, "Trunk Number", **ENTER**.
4. Press **DISPLAY, EXECUTE**.
5. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY DIAL ACCESS CODE AND TRUNK GROUP

- 1. Load the PROC.
2. Dial "First Digit", **ENTER**. If this is a single-digit access code, dial **ENTER, ENTER** and skip Steps 3 and 4.
3. Dial "Second Digit", **ENTER**. If this is a 2-digit access code, dial **ENTER** and skip Step 4.
4. Dial "Third Digit", **ENTER**.
5. Dial "Trunk Group", **ENTER**.
6. Press **DISPLAY, EXECUTE**.
7. Use **NEXT DATA** to display all busied-out trunks in the system.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Trunk dial access code (DAC).
 Field 4 - Trunk group number.
 Field 5 - Trunk number.
 Field 6 - Maintenance busy status of the trunk which is indicated by the data in fields 1 thru 5:
 0 = Trunk not busied out.
 1 = Trunk busied out by the telephone company.
 2 = Trunk busied out by the customer.
 Field 7 - Number of busied out trunks in the trunk group which is displayed in field 4.
 Field 8 - Number of trunks in trunk group which is displayed in field 4.
 Field 9 - Total number of busied-out trunks in the system.

Fig. 76—PROC 106, VER 1 (FPs 7; 8, Iss 1/2; 11; 12) (Sheet 1 of 2)

NOTES:

1. The search for busied-out trunks may be started by depressing either **DISPLAY**, **EXECUTE**, or **NEXT DATA** after the PROC is loaded (fields 1 thru 9 contain dashes).
2. If there are no busied-out trunks in the system, fields 1 thru 8 will display dashes and field 9 will display a zero.
3. When all busied out trunks have been displayed, fields 1 thru 9 will display dashes.

SPECIAL ERROR CODES:

- 81 - Dial access code assigned to feature.
- 82 - Dial access code entered not assigned to entered trunk group.
- 83 - Only trunk groups with assigned dial access codes can be displayed.

Fig. 76—PROC 106, VER 1 (FPs 8 Iss 1/2, 11, 12) (Sheet 2 of 2)

TRUNK MAINTENANCE BUSY LIST, VER 2									PROC 106 CAP
TRUNK DIAL ACCESS CODE			TRUNK GROUP	TRUNK NUMBER	S M T A C T S U S S	NUMBER OF BUSIED OUT TRUNKS IN TRUNK GROUP	NUMBER OF TRUNKS IN TRUNK GROUP	NUMBER OF BUSIED OUT TRUNKS IN SYSTEM	
1	2	3							4
1	2	3							

USE:

This PROC is used to display the maintenance busy status of a selected trunk.

OPERATION:

LOAD PROC - Press **CUST PROC** No; dial 1-0-6, **ENTER**.

DISPLAY BY DIAL ACCESS CODE

- 1. Load the PROC.
- 2. Dial "First Digit of Dial Access Code", **ENTER**. If this is a single-digit access code, skip Steps 3 and 4.
- 3. Dial "Second Digit", **ENTER**. If this is a 2-digit access code, skip Step 4.
- 4. Dial "Third Digit", **ENTER**.
- 5. Press **DISPLAY EXECUTE**.
- 6. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY TRUNK GROUP

- 1. Load the PROC.
- 2. Press **CHANGE FIELD**; dial 4, **ENTER**.
- 3. Dial "Trunk Group", **ENTER**.
- 4. Press **DISPLAY EXECUTE**.
- 5. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY TRUNK GROUP AND TRUNK NUMBER

- 1. Load the PROC.
- 2. Press **CHANGE FIELD**; dial 4, **ENTER**.
- 3. Dial "Trunk Group", **ENTER**, "Trunk Number", **ENTER**.
- 4. Press **DISPLAY EXECUTE**.
- 5. Use **NEXT DATA** to display all busied-out trunks in the system.

DISPLAY BY DIAL ACCESS CODE AND TRUNK GROUP

- 1. Load the PROC.
- 2. Dial "First Digit", **ENTER**. If this is a single-digit access code, dial **ENTER**, **ENTER** and skip Steps 3 and 4.
- 3. Dial "Second Digit", **ENTER**. If this is a 2-digit access code, dial **ENTER** and skip Step 4.
- 4. Dial "Third Digit", **ENTER**.
- 5. Dial "Trunk Group", **ENTER**.
- 6. Press **DISPLAY EXECUTE**.
- 7. Use **NEXT DATA** to display all busied-out trunks in the system.

EXPLANATION OF FIELDS:

Fields 1 thru 3 - Trunk dial access code (DAC).

Field 4 - Trunk group number.

Field 5 - Trunk number.

Field 6 - Maintenance busy status of the trunk which is indicated by the data in fields 1 thru 5:
0 = Trunk not busied out.
1 = Trunk busied out by the telephone company.
2 = Trunk busied out by the customer.

Field 7 - Number of busied out trunks in the trunk group which is displayed in field 4.

Field 8 - Number of trunks in trunk group which is displayed in field 4.

Field 9 - Total number of busied-out trunks in the system.

Fig. 77—PROC 106, VER 2 (FP 8, Iss 3) (Sheet 1 of 2)

NOTES:

1. The search for busied-out trunks may be started by depressing either **DISPLAY**, **EXECUTE**, or **NEXT DATA** after the PROC is loaded (fields 1 thru 9 contain dashes).
2. If there are no busied-out trunks in the system, fields 1 thru 8 will display dashes and field 9 will display a zero.
3. When all busied out trunks have been displayed, fields 1 thru 9 will display dashes.

SPECIAL ERROR CODES:

- 81 - Dial access code assigned to feature.
- 82 - Dial access code entered not assigned to entered trunk group.
- 83 - Only trunk groups with assigned dial access codes can be displayed.

Fig. 77—PROC 106, VER 2 (FP 8, Iss 3) (Sheet 2 of 2)

AUTOMATIC CIRCUIT ASSURANCE, VER 1										PROC 120 CAP	
TRUNK GROUP	SHORT CALL THRESHOLD (SECS)	LONG CALL LIMIT (HRS)	REFERRAL VALUE								
1	2	3	4								

USE:

This PROC is used to display or change Automatic Circuit Assurance (ACA) trunk group information for any assigned 1-way incoming, 1-way outgoing, or 2-way trunk group.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 1-2-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all trunk groups.

CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Trunk group number (18-99).
Field 2 - Short holding time limit. The entry in this field can be any even number between 0 and 160 (2-second intervals). A 0 disables the short call timing on the selected trunk group.
Field 3 - Long holding time limit. The entry in this field can be any number between 0 and 10. A 0 disables the long call timing on the selected trunk group.
Field 4 - Short holding time (SHT) referral value. The field indicates the number of calls under the SHT limit that are allowed before an ACA referral call is generated. Can be an even number between 2 and 30 or 0 if and only if field 2 is a 0. Default value is 16.

SPECIAL ERROR CODE:

- 81 - Short call threshold entry must be an even number.
83 - Referral value entry must be an even number.

Fig. 78—PROC 120, VER 1 (FP 8, Iss 1/2)

AUTOMATIC CIRCUIT ASSURANCE, VER 2										PROC 120 CAP
TRUNK GROUP	SHORT CALL THRESHOLD (SECS)	LONG CALL LIMIT (HRS)	REFERRAL VALUE							
1	2	3	4							

USE:

This PROC is used to display or change Automatic Circuit Assurance (ACA) trunk group information for any assigned 1-way incoming, 1-way outgoing, or 2-way trunk group.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 1-2-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all trunk groups.

CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Trunk group number (18-255).
- Field 2 - Short holding time limit. The entry in this field can be any even number between 0 and 160 (2-second intervals). A 0 disables the short call timing on the selected trunk group.
- Field 3 - Long holding time limit. The entry in this field can be any number between 0 and 10. A 0 disables the long call timing on the selected trunk group.
- Field 4 - Short holding time (SHT) referral value. The field indicates the number of calls under the SHT limit that are allowed before an ACA referral call is generated. Can be an even number between 2 and 30 or 0 if and only if field 2 is a 0. Default value is 16.

SPECIAL ERROR CODE:

- 81 - Short call threshold entry must be an even number.
- 83 - Referral value entry must be an even number.

Fig. 79—♦PROC 120, VER 2 (FP 8, Iss 3)♦

DATA SWITCHING – ATTRIBUTE DEFINITION											PROC 180 CAP
WORD 1	ATTRIBUTE	DISPLAY ONLY									
		BAUD	ASYNC/SYNC	HALF-FULL							
	1	2	3	4							

USE:

This procedure is used to display the data switching attributes.

OPERATION:

- LOAD PROC - Depress **CUST PROC NO.**; dial 1-8-0, **ENTER.**
- DISPLAY PROC - Dial attribute number, **ENTER, DISPLAY, EXECUTE.**

EXPLANATION OF FIELDS:

- Field 1 - Data attribute (1-15).
 Field 2 - Baud rate
 1 = 100
 2 = 300
 3 = 1200
 4 = 2400
 5 = 4800
 Field 3 - 0 = Asynchronous.
 1 = Synchronous.
 Field 4 - 0 = Half duplex.
 1 = Full duplex.

Fig. 81—PROC 180, WORD 1 (FP 8, Iss 3)

DATA SWITCHING — TRUNK GROUP DEFINITION											PROC 180 CAP
W O R D 2	TRUNK GROUP	ATTRIBUTE	DISPLAY ONLY				OVERFLOWS TO				
			TRUNK GROUP 1	TRUNK GROUP 2	TRUNK GROUP 3	TRUNK GROUP 4	TRUNK GROUP 1	TRUNK GROUP 2	TRUNK GROUP 3	TRUNK GROUP 4	
	1	2	3	4	5	6					

USE:

This procedure is used to display data switching trunk group definitions.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO.**; dial 1-8-0.
2. Depress **WORD NO, 2, ENTER.**

DISPLAY PROC - Enter trunk group, **ENTER, DISPLAY, EXECUTE.**

EXPLANATION OF FIELDS:

Field 1 - Trunk group (18-255)
Field 2 - Attribute (1-15)
Field 3 - Overflow trunk groups through 6 (18-255).

Fig. 82—PROC 180, WORD 2 (FP 8, lss 3)†

DATA SWITCHING - MODEM POOL DEFINITION													PROC 180 CAP
WORD 3	DISPLAY ONLY					DISPLAY ONLY							
	DATA PORT ONLY					ANALOG PORT TRUNK						ATTRIBUTE	
MODULE	CABINET	CARRIER	SLOT	CIRCUIT	MODULE	CABINET	CARRIER	SLOT	CIRCUIT	DATA PORT TRUNK GROUP	ANALOG PORT TRUNK GROUP		
1	2	3	4	5	6	7	8	9	10	11	12	13	

USE:

This procedure is used to display the data switching modem pooling definition.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 1-8-0, **ENTER**.
2. Press **WORD NO**, 3, **ENTER**.

DISPLAY DATA PORT TRUNK - Load PROC, module, **ENTER**, Cabinet, **ENTER**, Carrier, **ENTER**, Slot, **ENTER**, Circuit, **ENTER**, **DISPLAY**, **EXECUTE**.

DISPLAY ANALOG PORT TRUNK - Load PROC, **CHANGE FIELD**, 6, **ENTER**, module, **ENTER**, Cabinet, **ENTER**, Carrier, **ENTER**, Slot, **ENTER**, Circuit, **ENTER**, **Display**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Data port trunk through 5
Module (0-14)
Cabinet (0-4)
Carrier (0-4)
Slot (0-18)
Circuit (0, 1).

Fields 6 through 10 - Analog port trunk
Module (0-14)
Cabinet (0-4)
Carrier (0-4)
Slot (0-18)
Circuit (0, 1).

Field 7 - Data port trunk group (18-255).

Field 8 - Analog port trunk group (18-255).

Field 9 - Attribute (1-15).

Fig. 83—PROC 180, WORD 3 (FP 8, Iss 3)



DATA SWITCHING - ASSOCIATED STATION DEFINITION			PROC 180 CAP
W O R D 4	ASSOCIATED STATION	TERMINAL	
	1	2	

USE:

This procedure is used to make the association between a station number and a terminal.

OPERATION:

LOAD PROC - Depress **CUST PROC NO.**; dial 1-8-0, **ENTER**, **WORD, NO.**; 4; **ENTER**.

DISPLAY BY ASSOCIATED STATION -1. Load the procedure.
2. Dial "Associated Station", **ENTER**.
3. **DISPLAY**; **EXECUTE**.
4. Depressing **NEXT DATA** will step through all associated stations in the system.

DISPLAY BE TERMINAL -1. Load the procedure
2. **ENTER**, Dial "Terminal", **ENTER**.
3. **DISPLAY**, **EXECUTE**.
4. Depressing **NEXT DATA** will step through all associated stations in the system.

ADD -1. Load the procedure.
2. Dial "Associated Station", **ENTER**.
Dial "Terminal", **ENTER**, **ADD**,
EXECUTE, **DISPLAY**, **EXECUTE**.

CHANGE -1. Display data to be changed.
2. **CHANGE FIELD**, No. of field to be changed, **ENTER**, New data **ENTER**, **CHANGE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

REMOVE -1. Display data to be removed.
2. **REMOVE**, **EXECUTE**, **DISPLAY**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 = Associated extension (valid extension number).

Field 2 = Terminal (valid extension number).

NOTE:

Neither the change or the remove operations are permitted when either the associated station or terminal is busy.

SPECIAL ERROR CODES:

- 81 - An associated station cannot have the data port class of service enabled in Procedure 010, Word 3.
- 82 - A terminal must have the data port class of service enabled in Procedure 010, Word 3.
- 83 - Terminals cannot be an associated extensions as defined in Procedure 001.

Fig. 84—PROC 180, WORD 4 (FP 8, Iss 3)

H/M TERMINAL						PROC 206 CAP
H/M TERMINAL NO.	T Y P E	P R I M A R Y P R I N T E R	A U D I B L E	FOR TYPE 2 ONLY		
				LINE E X T E N S I O N N U M B E R	LINE C L A S S O F S E R V I C E	
1	2	3	4	5	6	

USE:

This PROC is used to:

- Define a hotel/motel (H/M) console/terminal type and its primary printer.
- Designate which console/terminal receives the audible alarm.
- Specify the line extension number and line COS for type 2 consoles/terminals.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-0-6, **ENTER**.

DISPLAY -1. Load the PROC.
2. Dial "H/M Terminal No."
3. Press **DISPLAY**, **EXECUTE**.

ADD OR CHANGE (See Notes 1 and 2)
-1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be added or changed.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to add or change other fields.
5. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE -1. Display the PROC for the console/terminal to be removed.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Console/terminal number. Valid entries depend on memory size as follows:

- 1 thru 9 - B memory
- 1 thru 15 - C memory
- 1 thru 21 - D memory
- 1 thru 31 - E memory.

Field 2 - Type of console/terminal:

- 1 - Console/terminal receives attendant calls.
- 2 - Console/terminal does not receive attendant calls.

Field 3 - Primary printer number assigned to console/terminal. Valid entries depend on memory size as shown in field 1 explanation.

Field 4 - Audible alarm (see Note 1):

- 0 - Console/terminal does not receive audible alarm.
- 1 - Console/terminal receives audible alarm.

Field 5 - Line extension number assigned to type 2 console/terminal. Valid entries are any 2-, 3-, or 4-digit number (see Note 2).

Field 6 - Line class of service assigned to type 2 console/terminal. Valid entries are 1 thru 63, excluding COS 31 (see Note 2).

NOTES

1. Only one console/terminal can be designated to receive the audible alarm.
2. Only type 2 console/terminals are to be assigned a line extension number and a line class of service.

Fig. 85—PROC 206 (FPs 9, 11) (Sheet 1 of 2)

SPECIAL ERROR CODES:

- 80 - A printer has not been assigned.
- 82 - See Note 2.
- 83 - See Note 1.
- 84 - Line extension number must be removed in PROC 353.
- 85 - A long distance billing printer, assigned in PROC 220,
cannot be shared.
- 88 - Number in field 5 is feature or trunk access code.

Fig. 85—PROC 206 (FPs 9, 11) (Sheet 2 of 2)

CENTRALIZED ATTENDANT SERVICE, VER 1					PROC 211 CAP
PROC 1	TIMED REMINDER TIME	DISPLAY ONLY		CAS QUEUE OVERFLOW LEVEL	
		LDN TONE	CAS QUEUE GROUP		
	1	2	3	4	

USE:

This PROC is used to administer parameters associated with Centralized Attendant Service (CAS). Fields 2 and 3 are display only.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-1-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

CHANGE FIELDS 1 OR 4 (See Note) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

REMOVE DATA IN FIELDS 1 AND 4 - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Time period after which the CAS attendant will be reminded of attendant-extended calls that have not been answered:
Dash = No recall
1-31 = Timed reminder interval in 2-second intervals.

Field 2 - Indicates if a special tone is to be given to the CAS attendant on LDN calls:
0 = No
1 = Yes

Field 3 - CAS queue group number for those calls being queued for release link trunks (RLTs). Valid displays are 18 thru 99.

Field 4 - The number of calls which must be waiting for RLTs before the CAS overflow lamp will light:
Dash = Overflow lamp will not light.
1-99 = Overflow level.

NOTE:

To dash field 1 or 4, use **CLEAR ENTRY**.

SPECIAL ERROR CODE:

82 - CAS queue group must be assigned with PROC 100 first (not administered via CAP).

84 - Only telephone company personnel can change data in fields 2 and 3.

Fig. 86—PROC 211, WORD 1, VER 1 (FPs 8, Iss 1/2; 11; 12)

CENTRALIZED ATTENDANT SERVICE, VER 2							PROC 211 CAP
WORD 1	TIMED REMINDER TIME	DISPLAY ONLY		CAS QUEUE OVERFLOW LEVEL			
		LDN TONE	CAS QUEUE GROUP				
	1	2	3	4			

USE:

This PROC is used to administer parameters associated with Centralized Attendant Service (CAS). Fields 2 and 3 are display only.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-1-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

CHANGE FIELDS (See Note) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of 1 OR 4 the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

REMOVE DATA IN FIELDS 1 AND 4 - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Time period after which the CAS attendant will be reminded of attendant-extended calls that have not been answered:
Dash = No recall
1-31 = Timed reminder interval in 2-second intervals.
- Field 2 - Indicates if a special tone is to be given to the CAS attendant on LDN calls:
0 = No
1 = Yes
- Field 3 - CAS queue group number for those calls being queued for release link trunks (RLTs). Valid displays are 18 thru 255.
- Field 4 - The number of calls which must be waiting for RLTs before the CAS overflow lamp will light:
Dash = Overflow lamp will not light.
1-99 = Overflow level.

NOTE:

To dash field 1 or 4, use **CLEAR ENTRY**.

SPECIAL ERROR CODE:

- 82 - CAS queue group must be assigned with PROC 100 first (not administered via CAP).
- 84 - Only telephone company personnel can change data in fields 2 and 3.

Fig. 87—PROC 211, WORD 1, VER 2 (FP 8, Iss 3)◆



CENTRALIZED ATTENDANT SERVICE RELEASE LINK TRK							PROC 211 CAP
WORD 2	DISPLAY ONLY				BACKUP LINE EXTENSION NUMBER	DISP ONLY S P E C I A L S I G N A L I N G	
	RLT EQUIPMENT LOC.						
MODULE	C A B I N E T	C A R R I E R	S L O T	C I R C U I T	6	7	
1	2	3	4	5	6	7	

USE:

This PROC is used to display or change the backup line extension number to a Release Link Trunk (RLT) equipment location.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 2-1-1, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY BY RLT** - 1. Load the PROC.
2. Dial "Module", **ENTER**, "Cabinet", **ENTER**, "Carrier", **ENTER**, "SLOT", **ENTER**, "Circuit", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to find all assigned RLT's.
- DISPLAY BY BACKUP EXTENSION** - 1. Load the PROC.
2. Press **CHANGE FIELD**; dial 6, **ENTER**.
3. Dial "Backup Line Extension Number", **ENTER**.
4. Press **DISPLAY**, **EXECUTE**.
5. Use **NEXT DATA** to display other RLTs assigned to this backup extension.
- CHANGE BACKUP EXTENSION** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 6, **ENTER**.
3. Dial "New Backup Extension Number", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Fields 1 thru 5 - RLT equipment location.
Field 6 - Backup extension number. This station receives all calls directed to the RLT in fields 1 thru 5 when in the backup mode of operation. The same backup station can be assigned to more than one RLT.
Field 7 - Indicates whether special signaling is to be forwarded to the main location, which is configured in an ACD CAS mode, to continue ringing. This is a display-only field:
0 = No
1 = Yes.

NOTES:

- One or more RLTs (outgoing) must be assigned by operating telephone company personnel first (via MAAP procedure 150).
- The backup extension cannot be an associated extension.
- If no data is entered (dashes), the first display will be the first RLT in the system.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 82 - See Note 2.
- 83 - RLT not yet assigned for CAS.
- 84 - Extension not a backup extension.
- 85 - All RLTs are assigned.
- 86 - RLT equipment location can only be changed by telephone company personnel.

Fig. 88—PROC 211, WORD 2 (FPs 8, 11, 12)

PRINTER ASSIGNMENTS											PROC 220 CAP	
PRINTER NUMBER	T Y P E	ALT P R I N T E R	H/M FUNCTIONS ASSIGNED							DISP ONLY		T E R M
			W A K E U P	L O C A L B I L L I N G	L O N G D I S T A N C E B I L L I N G	H O U S E K E E P I N G	E N E R G Y C O M M U N I C A T I O N S	P R O P E R T Y M A N A G E M E N T S	E M E R G E N C Y C A L L T O A T T E N D A N T			
1	2	3	4	5	6	7	8	9	10			

USE:

This PROC is used to define the printer type, an alternate printer, and various hotel/motel functions.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-2-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Printer Number", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be added or changed.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to add or change other fields.
5. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE - 1. Display the PROC for the printer to be removed.
2. Press **REMOVE**, **EXECUTE**.

SPECIAL ERROR CODES:

- 84 - Long distance billing printer cannot be shared.
- 85 - Printer is currently in use for housekeeping function. Wait for completion of printout before removing.

EXPLANATION OF FIELDS:

- Field 1 - Printer number. Valid entries depend on memory size as follows:
1 thru 9 = B memory
1 thru 15 = C memory
1 thru 21 = D memory
1 thru 31 = E memory.
- Field 2 - Type of printer. Valid entries are:
1 = TTY - Short page length
2 = TTY - Long page length
3 = VICTOR*.
- Field 3 - Alternate printer number. Valid entries depend on memory size as shown in field 1 explanation.
0 = No alternate printer is assigned.
- Field 4 - Wakeup audit function:
0 = Unassigned
1 = Assigned.
- Field 5 - Local billing function:
0 = Unassigned
1 = Assigned.
- Field 6 - Long distance billing function:
0 = Unassigned
1 = Assigned.
- Field 7 - Housekeeper function:
0 = Unassigned
1 = Assigned.
- Field 8 - Energy communications service (ECS) function:
0 = Unassigned
1 = Assigned.
- Field 9 - Property management system (PMS) function:
0 = Unassigned
1 = Assigned.
- Field 10 - Emergency call to attendant (FP 11 only):
0 = Unassigned
1 = Assigned.

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EXPLANATION OF FIELDS:

Field 11 - Printer assignment (Display only):

- 0 = Printer in field 1 not assigned to console/terminal as primary printer.
- 1 = Printer in field 1 assigned to console/terminal as primary printer.

NOTES:

I/O channels are assigned by operating telephone company personnel.

Fig. 89—PROC 220 (FPs 9, 11) (Sheet 2 of 2)

SYS COS-AIOD & FEATURES																		PROC 275 CAP	
WORD 1	A.I.O.D.				CWA ALLIT	E C T S	P A G I N G C O D E	DID/APLT/ ETN		D U P L I C	M U S I C	O N H O L D	SMDR			T I E T R K	T R K C A L L T O		D C I U
	A C T I V E	A D D' L F I R S T A N D S E C O N D D I G I T	A N I D E L A Y T I M I N G O. 1 S E C O N D S	A U X I L I A R Y A N I N U M B E R				I N T E R C E P T	D I G I T S				A C T I V E	A C C O U N T	C L E N G T H			I C A N C L O S E	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

USE:

This PROC is used to display or change system class-of-service features.

OPERATION:

- LOAD PROC** - Press **CUST PROC NO**; dial 2-7-5, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.
- CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Automatic Identified Outward Dialing:
0 = AIOD inactive
1 = AIOD active.
- Field 2 - This field contains the prefix digits for a 2- or 3-digit numbering plan. If the PBX has a 2- or 3-digit numbering plan, a thousands or a thousands and a hundreds digit must be generated to meet the requirements of the CO ANI equipment.
- Field 3 - Field limits are 1 thru 99. The entry establishes delay timing of 0.1 thru 9.9 seconds. This is the interval of second dial tone delay to provide time for ANI processing in the CO.
- Field 4 - This is a common billing number for toll calls. The toll charges for a group of stations may be billed to this number when the "AUX ANI Number" field of PROC 000, WORD 2 is activated.
- Field 5 - Call Waiting:
Dash = Feature is not provided.
0 = Feature is not activated.
1 = Feature is activated.
- Fields 6 and 7 - Indicated feature is:
0 = Deactivated
1 = Activated.
- Field 8 - DID/APLT/ETN intercept treatment (See Notes 1 & 2.)
0 = Route to intercept tone (Main/Satellite and DID are routed to recorded announcement.)
1 = Route to attendant.
2 = Route to recorded announcement.
Dash = Feature not available.
- Field 9 - Number of digits received from the CO (2, 3, or 4).
- Field 10 - Common Control:
0 = Not duplicated
1 = Duplicated.

Fig. 90—PROC 275, WORD 1 (FPs 7, 8, 9, 11, 12) (Sheet 1 of 2)

Fields 11 and 12 - Indicated feature is:

- 0 = Deactivated
- 1 = Activated.

Field 13 - Account code length (0 thru 5 digits).

Field 14 - Incoming calls are:

- 0 = Not recorded
- 1 = Recorded.

Fields 15, 16, 17, and 18 - Indicated feature is:

- 0 = Deactivated
- 1 = Activated.

NOTES:

1. If the Recorded Announcement feature is not provided, calls which normally are route to recorded announcement are routed to the attendant.
2. If a 0 is entered into field 8, APLT calls are routed to intercept tone and DID intercepted calls are routed to the recorded announcement.
3. Do not change field 10.
4. AIOD fields 2-4 must be dashed if AIOD is not active.
5. AIOD field 4, enter leading zeroes if part of auxiliary ANI number.
6. Field 7 must be 1 if code calling and/or deluxe paging is active.
7. Fields 1 through 5, 7 through 11, and 16 can be changed with this PROC.
8. Fields 6 and 12 through 15 are not used with FP9.

SPECIAL ERROR CODE:

- 87 - The DCIU must be busied out by telephone company personnel.

Fig. 90—PROC 275, WORD 1 (FPs 7, 8, 9, 11, 12) (Sheet 2 of 2)



SYS COS-NIGHT SVC & REMOTE ACCESS											PROC 275 CAP	
WORD 2	N I G H T S V C	A C T I V E	TAAS GONG EQPT LOC				D E F A U L T E X T E N S I O N	D I S P L A Y O N L Y		R E M O T E A C C E S S		
			M O D U L E	C A B I N E T	C A R R I E R	S L O T		C K T	S H A R E D	D I S P L A Y O N L Y		
										B A R R I E R C O D E		

USE:

This PROC is used to display or change System Class-of-Service, Night Service, and Remote Access features.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 2-7-5, **ENTER**.
2. Press **WORD NO**; dial 2. **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY, EXECUTE**.

CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - This field contains the code for night service:
0 = Fixed night service is provided.
1 = Full night service is provided.
- Field 2 - Trunk Answer From Any Station:
0 = Not activated.
1 = Activated.
- Fields 3 thru 7 - TAAS equipment locations. If TAAS is being removed, use **CLEAR ENTRY, ENTER** to blank each of these fields.
- Field 8 - When full night service is activated, field 8 displays the line extension number to which all calls will be directed when the common extension has not been assigned by the attendant.
- Field 9 - Night service common extension. This number is assigned by the attendant.
- Field 10 - Shared remote access:
0 = Remote access is active only when the PBX is in night service. Remote access calls and LDN calls share the same CO trunks. If the PBX is not in night service, remote access calls are routed to the attendant.
1 = Remote access is always active. Remote access calls use dedicated trunks.
- Field 11 - Remote access barrier code. This is actually the remote access barrier code which is administerable by the attendant.

SPECIAL ERROR CODES:

- 82 - "REMOVE" cannot be used. To deactivate a service, change the field to zero (0) or dash (-) fields 3 through 7 (TAAS GONG EQPT LOC) and then use **CHANGE, EXECUTE**. If assigned, location must be in a line (group) carrier and have the TAAS GONG EQPT installed by the operating telephone company.
- 83 - Default extension (field 8) must be a working line extension, but cannot be an associated extension.

Fig. 91—PROC 275, WORD 2 (FPs 7, 8, 9, 11, 12)

SYS. COS — MISCELLANEOUS												PROC 275 CAP	
WORD 3	CUSTOM I.C.M./SPEED CALL				ARS TIME IN REGULAR/ NON DELUXE QUEUE	TOLL CALL DATA			MULTI MACHINE BRANCH		COVERAGE		
	FEATURE 1	MIX 2	DISPLAY ONLY			DIR TOLL 1	HOME NPA 7	LD R C G F A I T X 5	THIS PBX 9	CAS ATTENDANT PBX 10	R I C E N T A S T L P E L O R V E N V E R S A E L 11		COVERAGE POINT DON'T ANSWER INTERVAL 12

USE:

This PROC is used to display and change system class-of-service items associated with the Custom Intercom, Speed Calling, and Automatic Route Selection (ARS) features.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 2-7-5, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.

DISPLAY BY - 1. Load the PROC.
CUSTOM - 2. Dial 0, **ENTER**.
INTERCOM - 3. Press **DISPLAY**, **EXECUTE**.

DISPLAY BY - 1. Load the PROC.
SPEED - 2. Dial 1, **ENTER**.
CALLING - 3. Press **DISPLAY**, **EXECUTE**.

CHANGE - 1. Display by custom intercom or speed calling.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat steps 2 and 3 to change other fields.
5. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Entry field for display of custom intercom or speed calling data and toll call data:
0 = Custom intercom
1 = Speed calling.
- Field 2 - Custom intercom/Speed calling mix:
0 = System contains 10-and 20-member lists.
1 = System contains 10-and 30-member lists.
- Field 3 - Number of 10-member lists.
- Field 4 - Number of either 20-or 30-member lists.
- Field 5 - ARS time in regular/non deluxe queue.
Number of 2-minute intervals before transferring to toll network.
0 = No transfer
- Field 6 - Controls the procedure for selecting the toll network:
0 = Dial 1 not required for toll calls.
1 = Dial 1 required when NPA is dialed.
2 = Dial 1 required for all toll calls.
- Field 7 - Home numbering plan area of a service.

Fig. 92—PROC 275, WORD 3 (FPs 7, 8, 11, 12) (Sheet 1 of 2)

EXPLANATION OF FIELDS (contd):

- Field 8 - Local prefix digit for 5-digit dialing (0-9).
- Field 9 - Branch number of the local PBX:
 - Dash = Single machine
 - 1-40 = PBX branch number.
- Field 10 - CAS attendant location:
 - Dash = Single machine
 - 0 = multi-machine, CAS not available
 - 1-40 = PBX where CAS is located.
- Field 11 - Call coverage caller response interval:
 - 0 = No interval assigned.
 - 1-5 = Number of 2 second intervals.
- Field 12 - Coverage point don't answer interval:
 - 0 = No interval assigned
 - 2-6 = Number of ring cycles.

NOTE:

Field 5 is not used in FP8, FP11 nor FP12.

SPECIAL ERROR CODES:

- 84 - Digit in field 8 must be first assigned in Procedure 350, Word 1.

Fig. 92—PROC 275, WORD 3 (FPs 7, 8, 11, 12) (Sheet 2 of 2)

SYS. COS-MISCELLANEOUS, VER 2											PROC 275 CAP	
WORD 4	CODE NUMBER CALL	DIGIT REPEAT OPTION 1	CALL SEARCH 2	TRUNK TRANSFER 3	ARL		MIS 6	CMS/UCD ANSWER SUPERVISION 7	CALL CONTROL FRL 8			
					ACTIVE 4	TIMED RECALL 5						

USE:

This PROC is used to display or change the following items:

- Code call number
- UCD message repeat option
- Trunk transfer.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 2-7-5, **ENTER**.
2. Press **WORD NO**; dial 4, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Press **DISPLAY, EXECUTE**.
- CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Code call number:
Dash = Code calling not allowed.
2 = 2-digit I.D. codes are required.
3 = 3-digit I.D. codes are required.

- Field 2 - CMS/UCD Abandon Call Search:
0 = Abandon call search not done on CO disconnect.
1 = Abandon call search executed.
- Field 3 - Trunk transfer allows a station user to drop from a 3-way conference connection involving two trunks and the remaining trunk-to-trunk connection to continue. This capability is subject to the operating characteristics of the serving CO and other customer premises facilities:
0 = No transfer
1 = Trunk-to-trunk transfer allowed (see Note).
- Field 4 - Attendant release loop (ARL) active:
0 = Inactive
1 = Active.
- Field 5 - Timed recall for ARL in seconds. Must be in even increments of 0,2 - 98.
- Field 6 - 0 = MIS not active.
1 = MIS active (FP 8, Iss 2 only).
- Field 7 - 0 = CMS/UCD answer supervision not active.
1 = CMS/UCD answer supervision active.
- Field 8 - Unauthorized Call Control FRL for ARS - Deluxe (0-7).

NOTE:

Field 3 must be set to a 1 for a CAS branch location.

SPECIAL ERROR CODES:

86 - Timed recall must be in increments of 2.

Fig. 94—PROC 275, WORD 4, VER 2 (FPs 8, Iss 2/3)◆

SYSTEM COS - H/M																	PROC 279 CAP	
WORD 1	AUTOMATIC WAKEUP				C T R L G U E S T 5	S T R I N G A U T O M A T I C 5	E C S F 6	B L O C K I N G 7	M W E S T I N G 8	PROPERTY MGMT INTERFACE			LONG DIST BILLING		HM STATUS & SELECTION			
	A C T I V E 1	3 R D A T R Y 2	P R I N T S 3	T I M E O U T I N T E R V A L 4						A C T I V E 9	C O N S O L I D A T I O N 10	C O N S O L I D A T I O N 11	A C T I V E 12	F B I L L I N G T A G X 13	A C T I V E 14	C H E C K S T A T U S 15	H O U S E K E E P E R D I R E C T O R Y N U M B E R 16	P M S I N T E R D I T S L 17

USE:

This PROC is used to display or change the following hotel/motel (H/M) system class-of-service features:

- Automatic wakeup
- Restrictions on quest room telephone use
- Energy communications service (ECS) function
- Local and long distance billing
- Message waiting
- Property management system (PMS) interface
- Room status and selection.

OPERATION:

- LOAD PROC** -1. Press **CUST PROC NO**; dial 2-7-9, **ENTER**.
2. Press **WORD NO**; dial 1, **ENTER**.
- DISPLAY** -1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.
- CHANGE** -1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Automatic wakeup feature. Valid entries are:
0 = Feature is not active.
1 = Feature is active.
- Field 2 - 3rd try alarm. Valid entries are:
0 = Console/terminal alarm is not to be activated if a room fails to answer wake-up call after 3 tries.
1 = Console/terminal alarm is to be activated after 3 wake-up tries.
- Field 3 - Print success. Valid entries are:
0 = Successful wake-up calls are not to be printed on the wake-up audit trail.
1 = Successful wake-up calls are to be printed.
- Field 4 - Time-out interval. This is the time assigned in seconds for recorded wake-up message. Valid entries are 6 thru 998 (even no.) if the internal announcement unit (LC190, trunk type 48) is used or 16 thru 996 (even no.) if the external announcement unit is used.
- Field 5 - Guest room dialing. Valid entries are:
0 = DIMENSION PBX does not control guest room dialing.
1 = DIMENSION PBX controls guest room dialing.
2 = PMS controls guest room dialing (only if PMS is active).
- Field 6 - Energy communications service feature. Valid entries are:
0 = Feature is not active.
1 = Feature is active.
- Field 7 - Local billing. Valid entries are:
0 = DIMENSION PBX does not perform local billing.
1 = DIMENSION PBX performs local billing.
2 = PMS performs local billing (only if PMS is active).

Fig. 95—PROC 279, WORD 1 (FPs 9, 11) (Sheet 1 of 2)

EXPLANATION OF FIELDS (Cont.):

- Field 8 - Message waiting. Valid entries are:
0 = Message waiting feature is not enabled.
1 = Message waiting feature is enabled.
2 = PMS performs message waiting (only if PMS is active).
- Field 9 - Property management system. Valid entries are:
0 = System is not enabled.
1 = System is enabled.
- Field 10 - PMS calling number display unit. Valid entries are:
0 = PMS does not receive the calling number on the calling number display unit.
1 = PMS receives the calling number.
- Field 11 - Console calling number display. Valid entries are:
0 = PMS does not receive the calling number displayed on the console.
1 = PMS receives the calling number.
- Field 12 - Long distance billing. Valid entries are:
0 = Feature is not active.
1 = Feature is active.
- Field 13 - Federal tax billing. Valid entries are:
0 = Federal tax is not added to long distance call total received from TSPS autoquote system.
1 = Federal tax is added to long distance call total.
- Field 14 - Room status and selection feature. Valid entries are:
0 = DIMENSION PBX does not perform room status feature.
1 = DIMENSION PBX performs room status feature.
2 = PMS performs room status feature and receives all maid status calls (only if PMS is active).
- Field 15 - Status check. Valid entries are:
0 = Rooms will not have follow-up inspection.
1 = Rooms will have follow-up inspection (cannot be active if PMS is active).
- Field 16 - Head housekeeper's directory number. Only this line number can activate or deactivate housekeeping audits and reports. A valid extension number is accepted only when the DIMENSION PBX performs room status (field 14 = 1).
- Field 17 - Number of additional digits sent to PMS for room status feature. Valid entries are 0 thru 6.

SPECIAL ERROR CODES:

- 81 - The PMS feature must be active (field 9 = 1) when fields 5, 7, 8, and 14 contain a 2 (PMS is performing the feature).
- 82 - Time-out interval (field 4) must be an even number.
- 83 - For trunk type 48, field 4 must be 6 or greater. For trunk type 49, field 4 must be 16 or greater. Ask operating telephone company personnel for the trunk types.
- 84 - The DIMENSION PBX cannot perform room status and selection (field 14 = 1) if PMS is active (field 9 = 1).
- 85 - Room status and selection option (room followup inspection) cannot be active (field 15 = 1) if PMS is active (field 9 = 1).
- 86 - Disable the audit trail printer using PROC 220 first.
- 87 - Remove the peripheral interface circuit (PIC) using PROC 253 (not available to CAP) first. Only operating telephone company personnel can remove peripheral interface circuits.

Fig. 95—PROC 279, WORD 1 (FPs 9, 11) (Sheet 2 of 2)

AUTHORIZATION CODE										PROC 282 CAP	
W O R D	AUTHORIZATION CODE								F A C I L I T Y R E S T R I C T I O N L E V E L	N E T A C C E S S F L A G	C O L U M N S
	1										

USE:

This PROC is used to display or change parameters associated with a single Authorization Code.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 2-8-2, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Authorization Code", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to increment the authorization code.

CHANGE - 1. Display the PROC for the authorization code to be changed.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. If data is to be changed in the next field, dial "New Data", **ENTER**.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - The PBX requests dialing of the authorization code when the caller's FRL has insufficient privileges to complete the call or when the trunk translations have been administered to request a valid authorization code on all calls over a particular trunk group (see Note 1).

Field 2 - Facility restriction level associated with the authorization code in field 1. Limits of this field are 0 thru 7.

Field 3 - Network access flag associated with the authorization code in field 1:
0 = On-net access to off-net users is not allowed.
1 = On-net access to off-net users is allowed.

NOTE:

1. First digit of authorization code cannot be a 1.

SPECIAL ERROR CODES:

80 - Invalid authorization code dialed.

82 - Field 2 must be a 0 thru 7.
Field 3 must be a 0 or 1.

84 - The authorization code translation is in error. If authorization codes have been assigned to the system, then contact the telephone company.

Fig. 97—PROC 282, WORD 1 (FP 8)

AUTHORIZATION CODE - GROUP				PROC
WORD 2	FIRST AUTHORIZATION CODE OF GROUP	LAST AUTHORIZATION CODE OF GROUP	F L A G S N E T W O R K A C C E S S L I M I T S 1 2 3 4	282
				CAP

USE:

This PROC is used to display or change the Facility Restriction Level (FRL) and Network Access Flag (NAF) for a consecutive group of authorization codes that have the same FRL and NAF.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 2-8-2, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "First Authorization Code of Group", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
- CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change data in other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - This field is used to enter the first of a group of consecutive authorization codes (see Notes 1 and 2).
Field 2 - Last authorization code of the group.
Field 3 - FRL associated with the group of authorization codes. Limits of this field are 0 thru 7.
Field 4 - NAF associated with the group of authorization codes:
0 = On-net access to off-net users is not allowed.
1 = On-net access to off-net users is allowed.

NOTES:

- Authorization code in field 2 must be greater than the authorization code in field 1.
- A group of authorization codes includes all valid authorization codes from the one in field 1 through the one in field 2. For example, fields 1 and 2 contain 2000 ccc and 2005 hhh, respectively, (where ccc and hhh may be different check digits); the authorization codes included in the group are: 2000 ccc, 2001 ddd, 2002 eee, 2003 fff, 2004 ggg, and 2005 hhh, (where each check digit combination is unique).

SPECIAL ERROR CODES:

- 80 - Invalid authorization code entered.
- 82 - See Note 1.
- 83 - Invalid entry in field 3 or 4.
- 85 - The authorization code translation is in error. If authorization codes have been assigned to the system, then contact the operating telephone company.

Fig. 98—PROC 282, WORD 2 (FP 8)

AUTHORIZATION CODE - FRL												PROC 282 CAP		
WORD 3	AUTHORIZATION CODE FOR FIRST FRL	FACILITY RESTRICTION LEVELS											DISPLAY ONLY	
													AUTHORIZATION CODE FOR LAST FRL	
		1	2	3	4	5	6	7	8	9	10	11		12

USE:

This PROC is used to display or change the Facility Restriction Levels (FRLs) of a consecutive group of up to ten authorization codes. The FRLs do not have to be equal.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 2-8-2, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Authorization Code for First FRL", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
- CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - This field is used to enter the first of a group of consecutive authorization codes.
- Fields 2 thru 11 - FRL associated with each authorization code of the group. The FRLs are displayed consecutively (field 2 is associated with the first authorization code, field 3 is associated with the second authorization code, etc). Valid FRLs are 0 thru 7.
- Field 12 - Tenth authorization code in group. If there are fewer than ten authorization codes, this field displays dashes.

SPECIAL ERROR CODES:

- 80 - Invalid authorization code entered.
- 82 - Limits of fields 2 thru 11 are 0 thru 7.
- 83 - The authorization code translation is in error. If authorization codes have been assigned to the system, then contact the operating telephone company.

Fig. 99—PROC 282, WORD 3 (FP 8)

FACILITY RESTRICTION LEVEL RELATED SEARCHES, VER 1										PROC 283 CAP	
SEARCH		LINE EXTENSION NUMBER	LINE EQUIPMENT LOCATION				TRUNK GROUP	AUTHORIZATION CODE			
FACCN 1	TYPE 2		MODULE 4	CABINET 5	CARRIER 6	SLOT 7					CIRCUIT 8

USE:

This PROC is used to display all lines, trunk groups, and authorization codes assigned to a specific FRL.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 2-8-3, **ENTER**.

DISPLAY - 1. Load the PROC.
 2. Dial "Fac Rstcn Level", **ENTER**, "Type", **ENTER**.
 3. Press **DISPLAY**, **EXECUTE**.
 4. Use **NEXT DATA** to search for extensions, trunk groups, or authorization codes with the FRL in field 1.

EXPLANATION OF FIELDS:

- Field 1 - Facility restriction level (FRL). Limits are 0 thru 7.
- Field 2 - Type of FRL search:
 1 = Search for line extension numbers
 2 = Search for trunk group numbers
 3 = Search for authorization codes.
- Field 3 - PBX line extension number. If equipment location is displayed but the extension number is dashed, a telephone company test line is assigned.
- Fields 4 thru 8 - Equipment location for the line displayed in field 3. Dashes in these fields indicate that the line is an ECTS line.
- Field 9 - Trunk group assigned to the FRL in field 1.
- Field 10 - Authorization code assigned to the FRL in field 1.

NOTE:

Field 10 does not apply to FP11 nor FP12.

SPECIAL ERROR CODE:

- 85 - The authorization code translation is in error. If authorization codes have been assigned to the system, then contact the operating telephone company.

Fig. 101—PROC 283, VER 1 (FPs 8, Iss 1/2; 11; 12)

FACILITY RESTRICTION LEVEL RELATED SEARCHES, VER 2										PROC 283 CAP
SEARCH		LINE EXTENSION NUMBER	LINE EQUIPMENT LOCATION					TRUNK GROUP	AUTHORIZATION CODE	
R L E V E L	T Y P E		MODULE	C A B I N E T	C A R R I E R	SLOT	C I R C U I T			
1	2	3	4	5	6	7	8	9	10	

USE:

This PROC is used to display all lines, trunk groups, and authorization codes assigned to a specific FRL.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 2-8-3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Fac Rstcn Level", **ENTER**, "Type", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to search for extensions, trunk groups, or authorization codes with the FRL in field 1.

EXPLANATION OF FIELDS:

- Field 1 - Facility restriction level (FRL). Limits are 0 thru 7.
- Field 2 - Type of FRL search:
1 = Search for line extension numbers
2 = Search for trunk group numbers
3 = Search for authorization codes.
- Field 3 - PBX line extension number. If equipment location is displayed but the extension number is dashed, a telephone company test line is assigned.
- Fields 4 thru 8 - Equipment location for the line displayed in field 3. Dashes in these fields indicate that the line is an ECTS line.
- Field 9 - Trunk group assigned to the FRL in field 1.
- Field 10 - Authorization code assigned to the FRL in field 1.

SPECIAL ERROR CODE:

- 85 - The authorization code translation is in error. If authorization codes have been assigned to the system, then contact the operating telephone company.

Fig. 102—PROC 283, VER 2 (FP 8, Iss 3)

SYSTEM CLOCK							DISP ONLY		PROC 284 CAP
HOUR	MINUTE	MONTH	DAY	YEAR		D A W E E K F 6	C L O C K 7		
1	2	3	4	5					

USE:

This PROC is used to display or set the system clock.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-8-4, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY EXECUTE**. The time displayed is the time the **EXECUTE** button was pressed; the display is not automatically updated.

SET CLOCK - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Entry in this field is based on the 24-hour clock. Entry limits are 0 thru 23, where 12 = noon and 0 = midnight.
- Field 2 - Entry limits in this field are 0 thru 59.
- Field 3 - Entry limits in this field are 1 thru 12.
- Field 4 - Entry limits in this field are 1 thru 31.
- Field 5 - Entry limits in this field are 1976 thru 1999.
- Field 6 - Day of week. Valid displays are 1 thru 7, where 1 = Monday, 2 = Tuesday, etc.
- Field 7 - Display in this field indicates whether or not the clock synchronizer (LC144) is installed:
0 = Synchronizer not installed.
1 = Synchronizer installed.

NOTE:

Changing the system clock may cause data errors in current traffic studies.

Fig. 103—PROC 284 (FPs 8, 9, 11, 12)

SYSTEM COS - NETWORK												PROC 285 CAP	
B A R R I E R C O D E	CAP DISPLAY ONLY						DESIGNATED EXTENSION NBR FOR TRUNK VERIFICATION	CAP DISPLAY ONLY					
	NUMBER OF DIGITS IN LOCATION CODE	NUMBER OF STATION DIGITS	ACA ENABLE	NET WORK TYPE	ACC OUNT PREFIX	RES ERVED DIGIT		REMOTE MTCE STATION FOR TRUNK VERIFICATION BY TELCO	A UN T H C O D E	E N B D R	M E S S A G E L E N G T H	S M D R A L T O N E S U P P R E S S E D	D I A L T O N E S U P P R E S S E D
1	2	3	4	5	6	7	8	9	10	11	12		

USE:

This PROC is used to display and change the designated extension number for Trunk Verification by Station (TVS).

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-8-5, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

CHANGE TVS EXTENSION (See Note) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 8, **ENTER**.
3. Dial "Designated Extension NBR For Trunk Verification", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Barrier code required:
0 = Not required on remote access.
1 = Required on remote access.
- Field 2 - Number of digits in the location code for a network uniform numbering plan.
- Field 3 - Number of digits in the station numbering plan for network uniform numbering.
- Field 4 - Automatic Circuit Assurance (ACA) enable:
0 = Disabled
1 = Enabled
- Field 5 - Network type:
0 = Network has a hierarchical numbering plan.
1 = Network has a symmetrical routing plan.
- Field 6 - Charge code prefix for SMDR:
0 = No prefix digit required.
2-9 = Indicated prefix digit required.
- Field 7 - Reserved digit for future use.
- Field 8 - This extension has access to individual trunks for making test calls to verify supervision.
- Field 9 - Remote maintenance station for trunk verification by the telephone company.
- Field 10 - Authorization code enabled:
0 = Authorization codes will not be requested.
1 = Authorization codes will be requested, if required, by giving recall dial tone.
- Field 11 - SMDR message length:
0 = 15 words
1 = 18 words
- Field 12 - AAR dial tone suppressed:
0 = AAR dial tone not suppressed
1 = AAR dial tone suppressed

Fig. 104—PROC 285, VER 1 (FPs 8 Iss 1-1.11, 11, 12) (Sheet 1 of 2)

NOTES:

1. The extension number in field 8 must be assigned to the PBX before an entry can be made. (Use PROC 000.)
2. For removal of extension in field 8, enter dashes and use **CHANGE, EXECUTE.**
3. Fields 3 through 7 and 10 through 12 are not used in FP11 and FP12.

Fig. 104—PROC 285, VER 1 (FPs 8 lss 1-1.11, 11, 12) (Sheet 2 of 2)

SYSTEM COS - NETWORK, VER 2													PROC 285 CAP
DISPLAY ONLY							DISPLAY ONLY						
R A E C C O U D E D I T S E R E S E D 1	NW UNIF NUMBER OF DIGITS IN LOCATION CODE 2	NBR PLAN NUMBER OF STATION DIGITS 3	E N A B L E 4	N E T W O R K 5	C H P R E F I X 6	R E S E R V E D 7	DESIGNATED EXTENSION NBR FOR TRUNK VERIFICATION 8	REMOTE MTCE STATION FOR TRUNK VERIFICATION BY TELCO 9	A U T H O R I Z E D 10	E N S U R E D 11	M E S S A G E L E N G T H 11	D I S S U P P R E S S E D 12	

USE:

This PROC is used to display and change the designated extension number for Trunk Verification by Station (TVS) and for data verification.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-8-5, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

CHANGE TVS
EXTENSION
(See Note) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 8, **ENTER**.
3. Dial "Designated Extension NBR For Trunk Verification", **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

CHANGE
DATA
VERIFICATION
EXTENSION - 1. Display the PROC.
2. Depress **CHANGE FIELD**; dial 13, **ENTER**.
3. Dial extension number for data verification, **ENTER**.
4. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Remote Access code required:
0 = Not required.
1 = Barrier code required.
2 = Authorization code required.

EXPLANATION OF FIELDS (Contd):

Field 2 - Number of digits in the location code for a network uniform numbering plan.

Field 3 - Number of digits in the station numbering plan for network uniform numbering.

Field 4 - Automatic Circuit Assurance (ACA) enable:
0 = Disabled
1 = Enabled

Field 5 - Network type:
0 = Network has a hierarchical numbering plan.
1 = Network has a symmetrical routing plan.

Field 6 - Charge code prefix for SMDR:
0 = No prefix digit required.
2-9 = Indicated prefix digit required.

Field 7 - Reserved digit for future use.

Field 8 - This extension has access to individual trunks for making test calls to verify supervision.

Field 9 - Remote maintenance station for trunk verification by the Telco.

Field 10 - AAR/ARS authorization code enabled:
0 = Authorization codes will not be requested.
1 = Authorization codes will be requested, if required, by giving recall dial tone.

Field 11 - SMDR message length:
0 = 15 words
1 = 18 words

Field 12 - AAR dial tone suppressed.
0 = AAR dial tone not suppressed
1 = AAR dial tone suppressed

Field 13 - Designated extension number for data verification.

Fig. 105—PROC 285, VER 2 (FP 8, Iss 1.12-1.xx/2/3) (Sheet 1 of 2)

NOTES:

1. The extension numbers in field 8 and 13 must be assigned to the PBX before an entry can be made. (Use PROC 000.)
2. For removal of extensions in field 8 and 13, enter dashes and use **CHANGE, EXECUTE**.

Fig. 105—PROC 285, VER 2 (FP 8, Iss 1.12-1.xx/2/3) (Sheet 2 of 2)

NOTES:

1. If feature is not loaded, the associated field cannot be changed.
2. Do not change field 13 if changing field 14 from a 1 to 0. The system clock will automatically change field 13.
3. Manual override can be controlled via this procedure, the attendant, or the ARS clocked manual override (PROC 287). Manual override means no clocked time-of-day switching.

SPECIAL ERROR CODE:

- 81 - See Note 2.
- 84 - If local PBX is CAS main, field 3 is CAS console number (1-40).
If local PBX is main (field 3 = 0), ACA referrals directed to CAS main PBX. If field 3 = 1-40, ACA referrals are directed to the local PBX.

Fig. 106—PROC 286 (FP 8) (Sheet 2 of 2)

ARS CLOCKED MANUAL OVERRIDE										PROC 287 CAP
CLOCKED MANUAL OVERRIDE				RETURN TO AUTOMATIC			DISP ONLY			
DAY	HOURS	MINUTES	PLAN	DAY	HOURS	MINUTES	P L A N I N T B	C O N T R O L	M O D E	
1		2	3	4	5	6	7		8	9

USE:

This PROC is used to manually override or resume the existing ARS plan at a predetermined time without assistance from the attendant.

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 2-8-7, **ENTER**.

DISPLAY - 1. Load the PROC.
(See Notes 2. Press **DISPLAY, EXECUTE**.
5 and 6)

ADD CLOCKED MANUAL OVERRIDE - 1. Display the PROC.
2. Dial "Day", **ENTER**, "Hours", **ENTER**, "Minutes", **ENTER**, "Plan", **ENTER**.
(See Notes 3. If Return To Automatic is to be added,
1 thru 4) dial "Day", **ENTER**, "Hours", **ENTER**, "Minutes", **ENTER**.
4. Press **ADD, EXECUTE**.

ADD RETURN TO AUTOMATIC - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 5, **ENTER**.
(See Notes 3. Dial "Day", **ENTER**, "Hours", **ENTER**,
1 thru 4) "Minutes", **ENTER**.
4. Press **ADD, EXECUTE**.

CHANGE - 1. Display the PROC.
(See Notes 2. Press **CHANGE FIELD**; dial the number of the
1 thru 4) field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

Fields 1 thru 4 - Clocked manual override allows manual override of the existing ARS time-of-day switching plan. The manual override can be accomplished via the attendant console and/or via translations entered in this PROC. Fields 1 thru 3 specify the day and time that the manual override should take place. Field 4 specifies which plan should be in effect when the day and time specified in fields 1 thru 3 come into play. Valid entries are:

Field 1 - 1 thru 7, where 1 = Monday, 2 = Tuesday, etc
Field 2 - 0 thru 23, where 0 = midnight, 12 = noon
Field 3 - 0, 15, 30, and 45
Field 4 - 1 thru 3.

Fields 5 thru 7 - Once a clocked manual override has been initiated via the translation in this PROC, the PBX will remain in the override state until it is instructed to do otherwise. Fields 5 thru 7 specify when the PBX should return to the automatic (normal) time-of-day switching from the clocked manual override. Valid entries are:

Field 5 - See entries for field 1.
Field 6 - See entries for field 2.
Field 7 - See entries for field 3.

Field 8 - Present ARS time-of-day switching plan in effect.

Field 9 - Status of control mode:
0 = Clock control
1 = Manual override.
2 = Clocked manual override.

Fig. 107—PROC 287 (FP 8) (Sheet 1 of 2)

NOTES:

1. Add operation cannot be used to change existing settings.
2. Change operation cannot be used to add a new setting.
3. Clocked manual override and return to automatic times must be different.
4. Setting which are to occur on the same day as they are being administered must be set for later in the day; eg, setting being administered at 0900 on Monday must be set for 0915 or later.
5. Use PROC 286 to immediately override or return to auto control.
6. Fields 8 and 9 are not automatically updated when a clock switch occurs while this PROC is displayed.

SPECIAL ERROR CODES:

- 81 - See Note 1.
- 82 - See Note 2.
- 83 - Real-time clock needs to be reset. Use PROC 284.
- 84 - See Note 3.
- 85 - See Note 4.

Fig. 107—PROC 287 (FP 8) (Sheet 2 of 2)

0/1 TOLL NON RESTRICTED CODES											PROC 300 CAP		
CODE NUMBER	NON RESTRICTED CODE												
1		2											

USE:

This PROC is used to add, change, remove, and display a list of up to ten nonrestricted codes which a code-restricted station can dial.

OPERATION:

LOAD PROC - 1. Press **CJST PROC NO**; dial 3-0-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press "Code Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all code numbers.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "Non Restricted Code", **ENTER**.
4. Press **ADD, EXECUTE** or **CHANGE, EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Code number. Limits of this field are 1 thru 10.
Field 2 - Extension numbers with 0/1 toll restriction (PROC 010, WD2) may dial the code in this field. The codes can be NPA, office, or special service codes such as 911, 411, 800, etc.

Fig. 108—PROC 300 (FPs 7, 8, 9, 11, 12)

CODE RESTRICTION-TRUNK GROUP & TYPE, VER 1										PROC 301 CAP	
WORD 1	TRUNK GROUP	TYPE	FOR DIAL TOLL	HOME NPA							

USE:

This PROC is used to display, add, change, or remove Code Restriction to a trunk group and designate the group as either the primary or secondary code restriction group. (See Note 1).

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 3-0-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all trunk groups with code restriction assigned.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to add or change other fields.
5. Press **ADD, EXECUTE** or **CHANGE, EXECUTE**.

REMOVE - 1. Display the PROC.
(See Note 2) 2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Trunk group.
- Field 2 - Type of restriction group:
1 = Primary restriction group
2 = Secondary restriction group.
- Field 3 - Toll call data:
0 = 1 is not dialed for toll calls.
1 = 1 is dialed for toll calls if the NPA code is required.
2 = 1 is dialed for all toll calls.
- Field 4 - Home numbering plan area code for the trunk group in field 1.

NOTES:

- 1. Code restriction can be assigned to a maximum of five trunk groups, and only one can be designated as the primary restriction group.
- 2. Trunk group data in PROC 302 and PROC 301, WD2 must be removed before the group can be removed with this WORD.

SPECIAL ERROR CODES:

- 83 - See Note 2.
- 84 - A trunk must be assigned to the trunk group. Ask operating telephone company personnel for trunk group numbers.

Fig. 109—PROC 301, WORD 1, VER 1 (FPs 7; 8, Iss 1/2; 9; 11; 12)

CODE RESTRICTION-TRUNK GROUP & TYPE, VER 2										PROC 301 CAP
WORD 1	TRUNK GROUP	TYPE 2	FOR DIAL TOLL 1 L3	HOME NPA 4						

USE:

This PROC is used to display, add, change, or remove Code Restriction to a trunk group and designate the group as either the primary or secondary code restriction group. (See Note 1).

OPERATION:

LOAD PROC - Press **CUST PROC NO**; dial 3-0-1, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all trunk groups with code restriction assigned.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to add or change other fields.
5. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE - 1. Display the PROC.
(See Note 2) 2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Trunk group.
Field 2 - Type of restriction group:
1 = Primary restriction group
2 = Secondary restriction group.
Field 3 - Toll call data:
0 = 1 is not dialed for toll calls.
1 = 1 is dialed for toll calls if the NPA code is required.
2 = 1 is dialed for all toll calls.
Field 4 - Home numbering plan area code for the trunk group in field 1.

NOTES:

- Code restriction can be assigned to a maximum of five trunk groups, and only one can be designated as the primary restriction group.
- Trunk group data in PROC 302 and PROC 301, WD2 must be removed before the group can be removed with this WORD.

SPECIAL ERROR CODES:

- 83 - See Note 2.
84 - A trunk must be assigned to the trunk group. Ask operating telephone company personnel for trunk group numbers.

Fig. 110—PROC 301, WORD 1, VER 2 (FP 8, Iss 3)

CODE RESTRICTION-DIGIT ABSORPTION, VER 1				PROC 301 CAP
W O R D 2	TRUNK GROUP	D I G I T	T R E A T M E N T	
1	2	3		

USE:

This PROC is used to account for digit absorption when the PBX is served by a step-by-step central office.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 3-0-1, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display each digit and corresponding treatment.
- ADD OR CHANGE** (See Notes 1 and 2) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.
- REMOVE** (See Notes 3 and 4) - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Trunk group to be administered.
- Field 2 - Digit entered will be treated as indicated by the code entered in field 3. Valid entries are 2 thru 9.
- Field 3 - Digit treatment:
0 = Digit in field 2 not absorbed.
1 = Digit in field 2 absorbed repeatedly.
2 = Digit in field 2 absorbed once.
3 = Digit in field 2 absorbed only if it is the first digit dialed.
4 = Digit in field 2 absorbed only if it is the second digit dialed.
5 = Digit in field 2 absorbed only if it is the first and second digit dialed.

NOTES:

1. Digit treatment is divided into two groups: 0, 1, and 2; 3, 4, and 5. For a particular trunk group, all digits (field 2) must be assigned to the same treatment group.
2. The trunk group must be added to WD1 before this WORD can be used.
3. The trunk group must be removed in PROC 302 before it can be removed in this WORD.
4. Fields 2 and 3 display 0s after a remove operation.

SPECIAL ERROR CODE:

- 81 - See Note 2.

Fig. 111—PROC 301, WORD 2, VER 1 (FPs 7; 8, Iss 1/2; 9; 11; 12)

CODE RESTRICTION-DIGIT ABSORPTION, VER 2										PROC 301 CAP
WORD 2	TRUNK GROUP	DIGIT 1	TREATMENT 2	3						

USE:

This PROC is used to account for digit absorption when the PBX is served by a step-by-step central office.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 3-0-1, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display each digit and corresponding treatment.
- ADD OR CHANGE** (See Notes 1 and 2) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **ADD, EXECUTE** or **CHANGE, EXECUTE**.
- REMOVE** (See Notes 3 and 4) - 1. Display the PROC.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Trunk group to be administered.
Field 2 - Digit entered will be treated as indicated by the code entered in field 3. Valid entries are 2 thru 9.
Field 3 - Digit treatment:
0 = Digit in field 2 not absorbed.
1 = Digit in field 2 absorbed repeatedly.
2 = Digit in field 2 absorbed once.
3 = Digit in field 2 absorbed only if it is the first digit dialed.
4 = Digit in field 2 absorbed only if it is the second digit dialed.
5 = Digit in field 2 absorbed only if it is the first and second digit dialed.

NOTES:

- Digit treatment is divided into two groups: 0, 1, and 2; 3, 4, and 5. For a particular trunk group, all digits (field 2) must be assigned to the same treatment group.
- The trunk group must be added to WD1 before this WORD can be used.
- The trunk group must be removed in PROC 302 before it can be removed in this WORD.
- Fields 2 and 3 display 0s after a remove operation.

SPECIAL ERROR CODE:

- 81 - See Note 2.

Fig. 112—PROC 301, WORD 2, VER 2 (FP 8, Iss 3)

ALLOWED CODES-PRIMARY RSTCN GRP										PROC 301 CAP	
WORD 3	CODE	CT D P E	TY P E	R E S T R I C T I O N	L E V E L						
			1	2	3						

USE:

This PROC is used to display, add, change, or remove a code restriction level to each allowed code.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 3-0-1, **ENTER**.
2. Press **WORD NO**; dial 3, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Code", **ENTER**, "Code Type", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all codes with the code type defined in field 2.
- ADD OR CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 3, **ENTER**.
3. Dial "Code Restriction Level", **ENTER**.
4. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.
- REMOVE** - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1** - This is a 3-digit office code or area code (NPA). To add a new NPA to a primary 6-digit list, the NPA is first entered here, then further defined in PROC 302.
- Field 2** - This field defines the type of code entered in field 1:
1 - Office code
2 - Area code.
- Field 3** - Code restriction level (see Note 1):
0 - Code in field 1 accessible to all line extensions that have a code restriction level of zero.
1 - The code in field 1 is accessible to all line extensions that have a code restriction level of 0, 1, 2, or 3 assigned to the line class of service.
2 - The code in field 1 is accessible to all line extensions that have a code restriction level of 0, 2 or 3 assigned to the line class of service.
3 - The code in field 1 is accessible to all line extensions that have a code restriction level of 0, or 3 assigned to the line class of service. If level 3 is entered for an NPA; the NPA must be further defined in PROC 302.

NOTE:

1. Code restriction levels are assigned to various line class of service numbers using PROC 010, WD2.

Fig. 113—PROC 301, WORD 3 (FPs 7, 8, 9, 11, 12)

ALLOWED NPA & OFFICE CODES, VER 1						PROC 302 CAP	
TRUNK GROUP	RESTRICTION LEVEL CODE	NPA CODE	OFFICE CODE				
1	2	3	4				

USE:

This PROC is used to display, add, change, or remove the 6-digit translation table for primary and secondary restriction trunk groups.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 3-0-2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**, "Code Restriction Level", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all codes for all restriction levels.
- ADD OR CHANGE** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.
- REMOVE** - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Trunk group to be administered.

Field 2 - Code restriction level:

- 1 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 1, 2, or 3.
- 2 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 2 or 3.
- 3 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 3.

Fields 3 and 4 - If the code restriction level in field 2 is 1 or 2, the 6-digit table, represented by fields 3 and 4, may contain an area code or area code and office code. If the code restriction level in field 2 is a 3, the 6-digit table must contain an area code and an office code.

SPECIAL ERROR CODE:

80 - Trunk groups must be assigned in PROC 301, WD1, before this PROC can be used.

Fig. 114—PROC 302, VER 1 (FPs 7; 8, Iss 1/2; 9; 11; 12)

ALLOWED NPA & OFFICE CODES, VER 2						PROC 302 CAP
TRUNK GROUP	RESTRICTION LEVEL	NPA CODE	OFFICE CODE			
	1 2					

USE:

This PROC is used to display, add, change, or remove the 6-digit translation table for primary and secondary restriction trunk groups.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 3-0-2, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**, "Code Restriction Level", **ENTER**.
3. Press **DISPLAY**, **EXECUTE**.
4. Use **NEXT DATA** to display all codes for all restriction levels.

ADD OR CHANGE - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Press **ADD**, **EXECUTE** or **CHANGE**, **EXECUTE**.

REMOVE - 1. Display the PROC.
2. Press **REMOVE**, **EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Trunk group to be administered.

Field 2 - Code restriction level:
1 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 1, 2, or 3.
2 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 2 or 3.
3 = 6-digit list generated by the entries in fields 3 and 4 is the allowed list for line extensions with a code restriction level of 3.

Fields 3 and 4 - If the code restriction level in field 2 is 1 or 2, the 6-digit table, represented by fields 3 and 4, may contain an area code or area code and office code. If the code restriction level in field 2 is a 3, the 6-digit table must contain an area code and an office code.

SPECIAL ERROR CODE:

80 - Trunk groups must be assigned in PROC 301, WD1, before this PROC can be used.

Fig. 115—PROC 302, VER 2 (FP 8, Iss 3)

AUTOMATIC ROUTE SELECTION - DELUXE ROUTE TABLES, VER 1											PROC 310 CAP
WORD 1	ARS PLAN 1	PATTERN NUMBER 2	PREF NUMBER 3	TRUNK GROUP 4	FACILITY RESTRICTION LEVEL 5	WARNING TONE 6	HOME NPA AT DISTANT END OF ROUTE 7	FOR SERIAL TOLL 1 8	OFFICE CODE 9	REQUIRED 10	

USE:

This PROC is DISPLAY ONLY, and is used to display the Automatic Route Selection (ARS) - Deluxe route data.

OPERATION: (See NOTE)

LOAD AND - 1. Press **CUST PROC NO**; dial 3-1-0, **ENTER**.
 DISPLAY - 2. Dial "ARS Plan", **ENTER**, "Pattern Number",
 PROC **ENTER**, "Preference Number", **ENTER**.
 3. Press **DISPLAY**, **EXECUTE**.
 4. Use **NEXT DATA** to display next sequential assigned route entry.

EXPLANATION OF FIELDS:

Field 1 - ARS plan number. Valid entries are 1 thru 3.
 Field 2 - ARS pattern number. Valid entries are 1 thru 64.
 Field 3 - ARS preference number. Valid entries are 1 thru 10.
 Field 4 - Trunk group associated with the preference number defined in field 3.
 Field 5 - Facility restriction level (FRL) for the route.
 Field 6 - This field indicates whether or not a warning tone is returned to the caller to indicate when a relatively expensive facility is being used for the call:
 0 = Warning tone not returned.
 1 = Warning tone returned.
 Field 7 - Area code at the terminating end of the route.
 Field 8 - This field indicates if a digit 1 is to be sent for toll calls:
 0 = Dial 1 not sent.
 1 = Dial 1 sent for all 10-digit calls.
 2 = Dial 1 sent for all toll calls.
 Field 9 - This field indicates if a toll table is required for office codes at the far end of the route. The toll table is defined in WORD 2 of this PROC:
 0 = Toll table not required.
 1 = Toll table required.

Fig. 116—PROC 310, WORD 1, VER 1 (FP 8, Iss 1-1.12/2)

AUTOMATIC ROUTE SELECTION - DELUXE ROUTE TABLES, VER 2											PROC 310 CAP
WORD 1	ARS PLAN 1	PATTERN NUMBER 2	PREF NUMBER 3	TRUNK GROUP 4	FACILITY RESTRICTIONS 5	WARNING TONE 6	HOME NPA AT DISTANT END OF ROUTE 7	FOR SERIALIZED TOLL 8	TOLL TABLE INDEX 9		

USE:

This PROC is DISPLAY ONLY, and is used to display the Automatic Route Selection (ARS) - Deluxe route data.

OPERATION: (See NOTE)

- LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-0, **ENTER**.
 2. Dial "ARS Plan", **ENTER**, "Pattern Number", **ENTER**, "Preference Number", **ENTER**.
 3. Press **DISPLAY**, **EXECUTE**.
 4. Use **NEXT DATA** to display next sequential assigned route entry.

EXPLANATION OF FIELDS:

- Field 1 - ARS plan number. Valid entries are 1 thru 3.
 Field 2 - ARS pattern number. Valid entries are 1 thru 64.
 Field 3 - ARS preference number. Valid entries are 1 thru 10.
 Field 4 - Trunk group associated with the preference number defined in field 3 18-99.
 Field 5 - Facility restriction level (FRL) for the route.
 Field 6 - This field indicates whether or not a warning tone is returned to the caller to indicate when a relatively expensive facility is being used for the call:
 0 = Warning tone not returned.
 1 = Warning tone returned.
 Field 7 - Area code at the terminating end of the route.
 Field 8 - This field indicates if a digit 1 is to be sent for toll calls:
 0 = Dial 1 not sent.
 1 = Dial 1 sent for all 10-digit calls.
 2 = Dial 1 sent for all toll calls.
 Field 9 - This field indicates if a toll table is required for office codes at the far end of the route. The toll table is defined in WORD 2 of this PROC:
 All office codes are toll.
 1-63 = Use 310, Word 2, Version 2.

Fig. 117—♦PROC 310, WORD 1, VER 2 (FP 8, Iss 1.13-1.xx)♦

AUTOMATIC ROUTE SELECTION - DELUXE ROUTE TABLES, VER 3									PROC 310 CAP
WORD 1	ARS PLAN 1	PATTERN NUMBER 2	PREF NUMBER 3	TRUNK GROUP 4	F R E S T R I C T I O N S 5	W A R N I N G 6	H O M E N P A A T D I S T A N T E N D O F R O U T E 7	F O R S E N T D I L L 8	

USE:

This PROC is DISPLAY ONLY, and is used to display the Automatic Route Selection (ARS) - Deluxe route data.

OPERATION: (See NOTE)

- LOAD AND DISPLAY PROC - 1. Press CUST PROC NO; dial 3-1-0, ENTER.
 2. Dial "ARS Plan", ENTER, "Pattern Number", ENTER, "Preference Number", ENTER.
 3. Press DISPLAY, EXECUTE.
 4. Use NEXT DATA to display next sequential assigned route entry.

EXPLANATION OF FIELDS:

- Field 1 - ARS plan number. Valid entries are 1 thru 3.
 Field 2 - ARS pattern number. Valid entries are 1 thru 64.
 Field 3 - ARS preference number. Valid entries are 1 thru 10.
 Field 4 - Trunk group associated with the preference number defined in field 3.
 Field 5 - Facility restriction level (FRL) for the route.
 Field 6 - This field indicates whether or not a warning tone is returned to the caller to indicate when a relatively expensive facility is being used for the call:
 0 = Warning tone not returned.
 1 = Warning tone returned.
 Field 7 - Area code at the terminating end of the route.
 Field 8 - This field indicates if a digit 1 is to be sent for toll calls:
 0 = Dial 1 not sent.
 1 = Dial 1 sent for all 10-digit calls.
 2 = Dial 1 sent for all toll calls.
 Field 9 - This field indicates if a toll table is required for office codes at the far end of the route. The toll table is defined in WORD 2 of this PROC:
 0 = All office codes are toll.
 1-63 = Use 310, Word 2, Version 2.

Fig. 118—PROC 310, WORD 1, VER 3 (FP 8, Iss 3)◆

ARS — DELUXE TOLL TABLE ADMINISTRATION, VER 1						PROC 310 CAP
WORD 2	ARS PLAN 1	PATTERN NUMBER 2	PREF NUMBER 3	OFFICE CODE 4	TOLL LOCAL /L 5	

USE:

This PROC is DISPLAY ONLY and is used to display the ARS toll table data. This WORD can be used only when field 9 in WORD 1 is set to 1.

OPERATION:

- LOAD AND - 1. Press CUST PROC NO; dial 3-1-0, ENTER.
 DISPLAY 2. Press WORD NO; dial 2, ENTER.
 PROC 3. Dial "ARS Plan", ENTER, "Pattern Number",
 ENTER, "Preference Number", ENTER.
 4. Press DISPLAY, EXECUTE.
 5. Depressing NEXT DATA repeatedly steps
 and displays the office codes and
 corresponding toll/local.

EXPLANATION OF FIELDS:

- Field 1 - ARS plan number. Valid entries are 1 thru 3.
 Field 2 - ARS pattern number. Valid entries are
 1 thru 64.
 Field 3 - ARS preference number. Valid entries are 1 thru 10.
 Field 4 - Office code at the distant end of the route.
 Field 5 - This field defines office code in field 4 to be
 either toll or local calls. If warning tone is
 activated (PROC 310, WD1), calls to office codes
 that are marked local do not receive a warning
 tone. Calls to office codes marked toll and all
 10-digit calls (to other NPAs) do receive a
 warning tone:
 0 = Calls to the office displayed in field 4
 are considered to be toll calls.
 1 = Calls to the office displayed in field 4
 are considered to be local calls.

Fig. 119—PROC 310, WORD 2, VER 1 (FP 8, Iss 1-1.12/2)

ARS - DELUXE TOLL TABLE ADMINISTRATION, VER 2				PROC 310 CAP
WORD 2	TOLL TABLE INDEX 1	OFFICE CODE 2	T L O O L L L A / L 3	

USE:

This PROC is DISPLAY ONLY and is used to display the ARS toll table data. This WORD can only be used when field 9 in PROC 310, WORD 1 is 1-63

OPERATION:

- LOAD AND DISPLAY PROC
- 1. Press **CUST PROC NO**; dial 3-1-0, **ENTER**.
 - 2. Press **WORD NO.**; dial 2, **ENTER**.
 - 3. Disl "Toll Table Index", **ENTER**.
 - 4. Press **DISPLAY, EXECUTE**.
 - 5. Depressing **NEXT DATA** repeatedly will display all office codes in the specified toll table.

EXPLANATION OF FIELDS:

- Field 1 - Toll table index number. 1-63.
- Field 2 - Office codes. 0-999.
- Field 3 - 0 = Calls to the office code displayed in field 2 are considered to be a toll call.
1 = Calls to the office code displayed in field 2 are considered to be local calls.

Fig. 120—PROC 310, WORD 2, VER 2 (FP 8, Iss 1.13-1.xx/3)

ARS-DELUXE SUBNET TRUNKING														PROC 310 CAP	
WORD 3	ARS PLAN 1	PATTERN NUMBER 2	PREF NUMBER 3	DELETED DIGITS 4	SIGNALS 5	GROUP ONE			GROUP TWO		DIGITS INSERTED				
						PAUSE LENGTH (SECONDS) 6	NUMBER OF DIGITS 7	ROTARY 8	PAUSE LENGTH (SECONDS) 9	ROTARY 10	DIGIT 1 11	DIGIT 2 12	DIGIT 3 13		DIGIT 4 14

USE:

This PROC is DISPLAY ONLY and is used to display Automatic Route Selection - Deluxe subnet trunking data.

OPERATION:

- LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-0, **ENTER**.
 2. Press **WORD NO**; dial 3, **ENTER**.
 3. Dial "ARS Plan", **ENTER**, "Pattern Number", **ENTER**, "Pref Number", **ENTER**.
 4. Press **DISPLAY**, **EXECUTE**.
 5. Use **NEXT DATA** to find the next assigned route entry.

EXPLANATION OF FIELDS:

- Field 1 - ARS plan number. Valid entries are 1 thru 3.
 Field 2 - ARS pattern number. Valid entries are 1 thru 64.
 Field 3 - ARS preference number. Valid entries are 1 thru 10.
 Field 4 - Number of beginning digits that are deleted (0-7).
 Field 5 - Type of answer supervision:
 0 = Wink start or delayed dial
 1 = Dial tone or pause length time-out.
 Field 6 - Pause length time-out before group 1 digits are outpulsed.
 Field 7 - Number of digits that are outpulsed in group 1 (0-3).
 Field 8 - Type of outpulsing for group 1:
 0 = TOUCH-TONE
 1 = Rotary.
 Field 9 - Pause length time-out before group 2 digits are outpulsed.
 Field 10 - Type of outpulsing for group 2:
 0 = TOUCH-TONE
 1 = Rotary.
 Fields 11 thru 14 - Prefix digits which are added to group 1. For TOUCH-TONE:
 11 = *
 12 = #.

Fig. 121—PROC 310, WORD 3 (FP 8)

ARS-DELUXE					
SEARCH ROUTES FOR TOLL TABLE INDEX					
W O R D 4	TOLL TABLE INDEX	P L A N A R S	P A T T E R N N U M B E R	P R E F N U M B E R	

PROC
310
CAP

USE:

This PROC is DISPLAY ONLY and is used to display all routes using a specific toll table index.

OPERATION:

- LOAD AND - 1. Press CUST PROC NO; dial 3-1-0, ENTER.
 DISPLAY 2. Press WORD NO; dial 4, ENTER.
 PROC 3. Dial "Toll Table Index", ENTER.
 4. Press DISPLAY, EXECUTE.
 5. Depressing NEXT DATA displays all routes using specific toll table indexes.

EXPLANATION OF FIELDS:

- Field 1 - Toll table index (1-63).
 Field 2 - ARS plan number (1-3).
 Field 3 - ARS pattern number (1-64).
 Field 4 - ARS preference number (1-10).

Fig. 122—PROC 310, WORD 4 (FP 8, lss 1.11-1.xx/3)

ARS - DELUXE HOME NPA, VER 1/2		
W O R D 1	OFFICE CODE	PATTERN NUMBER ALL PLANS
	1	2

**PROC
311
CAP**

USE:

This PROC is DISPLAY ONLY and is used to display the pattern numbers for the home NPA and for service codes.

OPERATION:

- LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-1, **ENTER**.
 2. Dial "Office Code", **ENTER**.
 3. Press **DISPLAY EXECUTE**.
 4. Use **NEXT DATA** to display all office codes with assigned patterns other than 1.

EXPLANATION OF FIELDS:

Field 1 - Office code or service code. Entry limits are:

<u>Service Codes</u>	<u>Office Codes</u>
000-009	200-999
010-019	
100-109	
110-119	

Field 2 - Pattern number for the service code or office code in field 1 (1-64).

NOTE:

To display a pattern for '01' calls, put a 1 in the office code field.

Fig. 123—♦PROC 311, WORD 1, VER 1/2 (FP 8)♦

ARS - DELUXE FOREIGN NPA										PROC 311 CAP
WORD 2	NPA (AREA CODE)	THREE DIGIT TRANSLATION PATTERN NUMBERS			SIX DIGIT TRANSLATION ALLOWED PATTERNS					
		PLAN 1 PATTERN	PLAN 2 PATTERN	PLAN 3 PATTERN	1ST PATTERN	2ND PATTERN	3RD PATTERN	4TH PATTERN		

USE:

This PROC is DISPLAY ONLY and is used to display the 3- and/or 6-digit translation patterns associated with the Automatic Route Selection - Deluxe foreign numbering plan area (NPA).

OPERATION:

LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-1, **ENTER**.
 2. Press **WORD NO**; dial 2, **ENTER**.
 3. Dial "NPA", **ENTER**.
 4. Press **DISPLAY, EXECUTE**.
 5. Use **NEXT DATA** to display all area codes with assigned patterns other than 1.

EXPLANATION OF FIELDS:

Field 1 - Numbering Plan Area (NPA). The NPA has the following limits:

N-0/1-X, where:

N = 2-9

X = 0-9.

Fields 2 thru 4 - 3-digit translation patterns for plans 1, 2, and 3, respectively. A dashed field implies that 6-digit translation is associated with the field.

Fields 5 thru 8 - 6-digit translation allowed patterns. Dashes in any one of these fields are treated as pattern 1 which gives intercept treatment.

NOTE:

1. For 6-digit translation, the first pattern (field 5) is used as default for all office codes not otherwise assigned in Word 3.

Fig. 124—PROC 311, WORD 2 (FP 8)

ARS - DELUXE 6-DIGIT TRANSLATION										PROC 311 CAP
W O R D 3	NPA (AREA CODE)		OFFICE CODE		PATTERN NUMBER					

USE:

This PROC is DISPLAY ONLY and is used to display the pattern number associated with an area code and office code combination in 6-digit translation (see Note 1).

OPERATION:

- LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-1, **ENTER**.
 2. Press **WORD NO**; dial 3, **ENTER**.
 3. Dial "NPA", **ENTER**, "Office Code", **ENTER**.
 4. Press **DISPLAY**, **EXECUTE**.
 5. Use **NEXT DATA** to display all office codes within area code assigned or defaulted on pattern other than 1.

EXPLANATION OF FIELDS:

- Field 1 - Numbering Plan Area (NPA). The NPA has the following limits:
 N-0/1-X, where:
 N = 2-9
 X = 0-9.
- Field 2 - Office code. Entry Limits are 200 thru 999.
- Field 3 - Pattern number associated with the 6-digit area code/office code combination.

NOTE:

1. This WORD can be used only when 6-digit translation has been assigned.

Fig. 125—PROC 311, WORD 3 (FP 8)

ARS 7 DAY CLOCK						PROC 316 CAP	
DAY (OF WEEK)	HOURS	MINUTES	ARS PLAN NO.	AVAIL FOR USE	LIMIT FIELD 1 - 1 (MONDAY) 2 (TUESDAY) 3 (WEDNESDAY) 4 (THURSDAY) 5 (FRIDAY) 6 (SATURDAY) 7 (SUNDAY)	FIELD 2 - 0-23 (0=MIDNIGHT 12=NOON) FIELD 3 - 0-59 FIELD 4 - 1-3 FIELD 5 - 0 (NOT AVAILABLE) 1 (AVAILABLE) FIELD 6 - 0-6	DISP ONLY
							NO. OF PLANS FOR DAY
1	2	3	4	5			6

USE:

This PROC is DISPLAY ONLY and is used to display ARS plan in effect at any time of the day or week.

OPERATION:

LOAD AND DISPLAY PROC - 1. Press **CUST PROC NO**; dial 3-1-6, **ENTER**.
2. Dial "Day of Week", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all entries for a single day.

EXPLANATION OF FIELDS:

Field 1 - Day of the week. Valid entries are 1 thru 7, where:
1 = Monday, 2 = Tuesday, etc.
Field 2 - Hour of day. Display is 0 thru 23, where:
0 = midnight, 12 = noon, etc.
Field 3 - Minute of hour. Display is 0 thru 59.
Field 4 - ARS plan number. Display is 1 thru 3.
Field 5 - Indicates if the data in fields 1 thru 4 is available for use.
Field 6 - The number of time-of-day switches that have been defined for a particular day. Six is the maximum.

Fig. 126—PROC 316 (FP 8)

AUTOMATIC ALTERNATING ROUTING ROUTE TABLES, VER 1								PROC 321 CAP
WORD 1	PATTERN NUMBER	NUM P R M E B E R 2	TRUNK GROUP	FAC T R I C T I O N L E V E L 4	W A R N I N G 5	O F F N E T 6	N O D E D E L E T E D I G I T S 7	
1								

USE:

This PROC is DISPLAY ONLY and is used to display translation data for a particular pattern and preference used in Automatic Alternate Routing (AAR).

OPERATION:

- LOAD AND DISPLAY PROC
1. Press CUST PROC NO; dial 3-2-1, ENTER.
 2. Dial "Pattern Number", ENTER, "Pref Number", ENTER.
 3. Press DISPLAY, EXECUTE.
 4. Use NEXT DATA to display all patterns and preference numbers (fields 1 and 2).

EXPLANATION OF FIELDS:

- Field 1 - AAR pattern number. Valid entries are 1 thru 180.
 Field 2 - AAR preference number. Valid entries are 1 thru 4.
 Field 3 - Trunk group number. Display is 18 thru 99.
 Field 4 - Facility restriction level of route. Display is 0 thru 7.
 Field 5 - Warning tone:
 0 = No warning tone given for off-network calls.
 1 = Warning tone given for off-network calls.
 Field 6 - Network flag:
 0 = Calls from this PBX via this trunk group are routed on network.
 1 = Calls from this PBX via this trunk group may be routed off-network via DDD routing.
 2 = Calls from this PBX via this trunk group may be routed off-network via IDDD routing.
 Field 7 - The number of beginning digits (0 thru 7) to be deleted from the number dialed.
 Field 8 - Trunk group "start" signaling:
 0 = Digits are sent immediately after a trunk signals (wink start or delay dial) readiness to receive them.
 1 = Ignore wink or delay start signal. Wait the entire pause length (set in WORD 2) for precise dial tone before sending digits.

Fig. 127—PROC 321, WORD 1, VER 1 (FP 8, Iss 1-1.12/2)

AUTOMATIC ALTERNATING ROUTING ROUTE TABLES, VER 2											PROC 321 CAP
WORD 1	PATTERN NUMBER	P R E F E R E N C E N U M B E R 2	T R U N K G R O U P 3	F A C I L I T Y R E S T R I C T I O N L E V E L 4	W A R N I N G 5	O F F N E T 6	N O D E D E L E T E D 7	S I G N A L D E L E T E D C O U N T 8	S T A T I O N S 9		

USE:

This PROC is DISPLAY ONLY and is used to display translation data for a particular pattern and preference used in Automatic Alternate Routing (AAR).

OPERATION:

- LOAD AND - 1. Press **CUST PROC NO**; dial 3-2-1, **ENTER**.
 DISPLAY 2. Dial "Pattern Number", **ENTER**, "Pref Number",
 PROC **ENTER**.
 3. Press **DISPLAY, EXECUTE**.
 4. Use **NEXT DATA** to display all patterns and preference numbers (fields 1 and 2).

EXPLANATION OF FIELDS:

- Field 1 - AAR pattern number. Valid entries are 1 thru 180.
 Field 2 - AAR preference number. Valid entries are 1 thru 4.
 Field 3 - Trunk group number. Display is 18 thru 99.
 Field 4 - Facility restriction level of route. Display is 0 thru 7.
 Field 5 - Warning tone:
 0 = No warning tone given for off-network calls.
 1 = Warning tone given for off-network calls.
 Field 6 - Network flag:
 0 = Calls from this PBX via this trunk group are routed on network.
 1 = Calls from this PBX via this trunk group may be routed off-network via DDD routing.
 2 = Calls from this PBX via this trunk group may be routed off-network via IDDD routing.
 Field 7 - The number of beginning digits (0 thru 7) to be deleted from the number dialed.
 Field 8 - Trunk group "start" signaling:
 0 = Digits are sent immediately after a trunk signals (wink start or delay dial) readiness to receive them.
 1 = Ignore wink or delay start signal. Wait the entire pause length (set in WORD 2) for precise dial tone before sending digits.
 Field 9 - OXXX Stations:
 0 = Stations at distant end of route are not in the zero thousands group.
 1 = Stations at distant end of route are in the zero thousands group.

Fig. 128—PROC 321, WORD 1, VER 2 (FP 8, lss 1.13-1.xx)◀

AUTOMATIC ALTERNATING ROUTING ROUTE TABLES, VER 3										PROC 321 CAP
WORD 1	PATTERN NUMBER	PREF NUMBER	TRUNK GROUP	FACILITY RESTRICTION LEVEL	WAR NING	OFF NET	ND E LE T E D	SIG N A L E	S T A T I O N S	

USE:

This PROC is DISPLAY ONLY and is used to display translation data for a particular pattern and preference used in Automatic Alternate Routing (AAR).

OPERATION:

- LOAD AND DISPLAY PROC - 1. Press CUST PROC NO; dial 3-2-1, ENTER.
2. Dial "Pattern Number", ENTER, "Pref Number", ENTER.
3. Press DISPLAY, EXECUTE.
4. Use NEXT DATA to display all patterns and preference numbers (fields 1 and 2).

EXPLANATION OF FIELDS:

- Field 1 - AAR pattern number. Valid entries are 1 thru 180.
Field 2 - AAR preference number. Valid entries are 1 thru 4.
Field 3 - Trunk group number. Display is 18 thru 255.
Field 4 - Facility restriction level of route. Display is 0 thru 7.
Field 5 - Warning tone:
0 = No warning tone given for off-network calls.
1 = Warning tone given for off-network calls.
Field 6 - Network flag:
0 = Calls from this PBX via this trunk group are routed on network.
1 = Calls from this PBX via this trunk group may be routed off-network via DDD routing.
2 = Calls from this PBX via this trunk group may be routed off-network via IDDD routing.
Field 7 - The number of beginning digits (0 thru 7) to be deleted from the number dialed.
Field 8 - Trunk group "start" signaling:
0 = Digits are sent immediately after a trunk signals (wink start or delay dial) readiness to receive them.
1 = Ignore wink or delay start signal. Wait the entire pause length (set in WORD 2) for precise dial tone before sending digits.
Field 9 - OXXX Stations:
0 = Stations at distant end of route are not in the zero thousands group.
1 = Stations at distant end of route are in the zero thousands group.

Fig. 129—PROC 321, WORD 1, VER 3 (FP 8, Iss 3)¶

AAR - DIGITS INSERTED															PROC 321 CAP	
WORD	PATTERN NUMBER	P R E F E R E N C E N U M B E R	D I G I T													
3					1	2	3	4	5	6	7	8	9	10	11	12

USE:

This PROC is DISPLAY ONLY and is used to display the digits inserted for subnetwork access by Automatic Alternate Routing (AAR).

OPERATION:

- LOAD AND DISPLAY PROC - 1. Press CUST PROC NO; dial 3-2-1, ENTER.
 2. Dial WORD NO; dial 3, ENTER.
 3. Dial "Pattern Number", ENTER, "Preference Number", ENTER.
 4. Press DISPLAY, EXECUTE.
 5. Use NEXT DATA to display all patterns and preference numbers (fields 1 and 2).

EXPLANATION OF FIELDS:

- Field 1 - AAR pattern number. Valid entries are 1 thru 180
 Field 2 - AAR preference number. Valid entries are 1 thru 4.
 Fields 3 thru 9 - Digits (1st thru 7th) to be inserted.
 Display is 0 thru 12, where TOUCH-TONE symbols are:
 11 = *
 12 = #.
 Fields 10 thru 14 - Digits (8th thru 12th) to be inserted.
 Display is 0 thru 9.

SPECIAL ERROR CODE:

- 81 - Pattern and preference number must be assigned in WORD 1 first.

Fig. 131—PROC 321, WORD 3 (FP 8)

AAR - ROUTING										
W O R D	4	LOCATION CODE	1	PATTERN NUMBER	2	LIMITS				PROC 321 CAP
						FIELD 1 = 20-99 OR 220-999 FIELD 2 = 1-180 + 181				

USE:

This PROC is DISPLAY ONLY and is used to display a pattern number associated with a location code for Automatic Alternate Routing.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 3-2-1, **ENTER**.
2. Press **WORD NO**; dial 4, **ENTER**.

DISPLAY PATTERN NUMBER - 1. Load the PROC.
2. Dial "Location Code", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all associated patterns.

DISPLAY LOCATION CODE - 1. Load the PROC.
2. Dial **ENTER**, "Pattern Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display all associated location codes.

EXPLANATION OF FIELDS:

Field 1 - Location code. Valid entries are 20 thru 99 for 2-digit location codes and 220 thru 999 for 3-digit location codes.
Field 2 - Pattern number. Valid entries are 1 thru 180 and 181 for PBX home location.

SPECIAL ERROR CODE:

83: Enter data into field 1 or leave field 1 dashed and enter data into field 2.

Fig. 132—PROC 321, WORD 4 (FP 8)

DELUXE QUEUING SYSTEM TRANSLATION, VER 1							PROC 330 CAP
W O R D 1	Q U A C T I V E 1	DISPLAY ONLY					
		NUMBER OF QUEUE RECORDS ACTIVE	T H R E S H O L D 2	R A I S E D 3	S T A T I O N T Y P E 4	AUDIO TRUNK GROUP 5	MAXIMUM NUMBER OF QUEUE RECORDS ALLOWED 6

USE:

This PROC is used to activate/deactivate Deluxe Queuing for the system and to display the queuing translations.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 3-3-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY**, **EXECUTE**.

ACTIVATE/
DEACTIVATE
QUEUING - 1. Display the PROC.
2. Dial "Queuing Active", **ENTER**.
3. Press **CHANGE**, **EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Queuing active:
0 = Queuing is not available to the system.
1 = Queuing is active in the system.
- Field 2 - The number of queue records in use. The maximum number of queue records is displayed in Field 7.
- Fields 3 and 4 - Upon time-out from queue, an AAR/ARS caller gets one final try to complete the call. If the call's FRL is equal to or greater than the threshold FRL, but not greater than or equal to the raised FRL, the call's FRL is raised to the FRL value displayed in field 4. Values displayed are 0 thru 7.
- Field 5 - Type of queuing to be associated with station:
0 = Off-hook queuing, nonpriority
1 = Off-hook queuing, priority
2 = Ringback queuing.
- Field 6 - Audio trunk group used to provide music or a recorded message for off-hook queuing.
- Field 7 - Maximum Queue Records allowed.

NOTES:

1. Raised FRL must be greater than the threshold FRL if a raise is possible. Otherwise, the raised FRL must be 0.
2. Audio trunk group is assigned by operating telephone company personnel. If no audio trunk group is assigned, off-hook queuing is disabled.

Fig. 133—PROC 330, WORD 1, VER 1 (FP 8, Iss 1/2)



DELUXE QUEUING SYSTEM TRANSLATION, VER 2											PROC 330 CAP		
W O R D	Q U E U I N G	DISPLAY ONLY										DISPLAY ONLY	
		NUMBER OF QUEUE RECORDS ACTIVE	T H R E S H O L D	R A I S E D	S T A T U S	A U D I O T R U N K G R O U P						MAXIMUM NUMBER OF QUEUE RECORDS ALLOWED	
1			2	3	4	5				6			7

USE:

This PROC is used to activate/deactivate Deluxe Queuing for the system and to display the queuing translations.

OPERATION:

LOAD PROC - 1. Press **CUST PROC NO**; dial 3-3-0, **ENTER**.

DISPLAY - 1. Load the PROC.
2. Press **DISPLAY, EXECUTE**.

ACTIVATE/
DEACTIVATE
QUEUING - 1. Display the PROC.
2. Dial "Queuing Active", **ENTER**.
3. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

Field 1 - Queuing active:

- 0 = Queuing is not available to the system.
- 1 = Queuing is active in the system.

Field 2 - The number of queue records in use. The maximum number of queue records is displayed in Field 7.

Fields 3 and 4 - Upon time-out from queue, an AAR/ARS caller gets one final try to complete the call. If the call's FRL is equal to or greater than the threshold FRL, but not greater than or equal to the raised FRL, the call's FRL is raised to the FRL value displayed in field 4. Values displayed are 0 thru 7.

Field 5 - Type of queuing to be associated with station:
0 = Off-hook queuing, nonpriority
1 = Off-hook queuing, priority
2 = Ringback queuing.

Field 6 - Audio trunk group used to provide music or a recorded message for off-hook queuing.

Field 7 - Maximum Queue Records allowed.

NOTES:

1. Raised FRL must be greater than the threshold FRL if a raise is possible. Otherwise, the raised FRL must be 0.
2. Audio trunk group is assigned by operating telephone company personnel. If no audio trunk group is assigned, off-hook queuing is disabled.

Fig. 134—PROC 330, WORD 1, VER 2 (FP 8, Iss 3)

SPECIAL ERROR CODES:

- 81: Data cannot be entered in this field for the trunk type specified.
- 82: Queueing cannot be active with queue lengths of 0.

NOTE:

- 1. Non-priority off-hook queuing is the default for the system.

Fig. 136—PROC 330, WORD 2, VER 2 (FP 8, Iss 3) (Sheet 2 of 2)

l in this field for the
tive with queue lengths of 0.

queuing is the default for the

Fig. 135—PROC 330, WORD 2, VER 1 (FP 8, Iss 1/2) (Sheet 2 of 2)

ONE/TWO DIGIT STN TO STN CODES	
LINE EXTENSION NUMBER	ONE/TWO DIGIT CODE
1	2

USE:

This PROC is used to assign 1- and 2-digit codes to line extensions for ease of station-to-station calling.

OPERATION:

- LOAD PROC** - Press **CUST PROC NO**; dial 3-5-3, **ENTER**.
- DISPLAY BY EXTENSION NUMBER** - 1. Load the PROC.
2. Dial "Line Extension Number", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
- DISPLAY BY CODE** - 1. Load the PROC.
2. Dial **ENTER**, "One/Two Digit Code", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
- ADD CODE** - 1. Display the PROC by extension number.
2. Dial **ENTER**, "One/Two Digit Code", **ENTER**.
3. Press **ADD, EXECUTE**.
- CHANGE CODE** - 1. Display the PROC.
2. Dial **ENTER**, "One/Two Digit Code", **ENTER**.
3. Press **CHANGE, EXECUTE**.
- REMOVE CODE** - 1. Display the PROC for the code to be removed.
2. Press **REMOVE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Line extension number to which associated with. Valid entries are 3- or 4-digit extension number.
- Field 2 - 1- or 2-digit code. The Primary cannot be an Associate Extension in PROC 001.

NOTE:

In field 2, codes 11 and 12 are not inter respectively.

SPECIAL ERROR CODES:

- 81 - The line extension number in field assigned in PROC 000.
- 82 - The code in field 2 must be in an a station (extension) codes. These co assigned by operating telephone con via MAAP PROC 351.
- 88 - The number in field 2 exists as a access code.

Fig. 137—PROC 353 (FPs 9, 11)

DELUXE QUEUING TRUNK GROUP TRANSLATION, VER 2										PROC 330 CAP	
WORD	TRUNK GROUP	OUTGOING TRUNK GROUP QUEUE DATA							DISP ONLY		
		Q A C T I V E	NON PRIORITY QUEUE LENGTH	PRIORITY QUEUE LENGTH	WAIT TIME			R I N G B A C K			R O U T E
2		1	2	3	4	5	6	7	8	9	10

USE:

This PROC is used to activate/deactivate Deluxe Queuing for a particular trunk group and to display queuing translations for that trunk group.

OPERATION:

- LOAD PROC** - 1. Press **CUST PROC NO**; dial 3-3-0, **ENTER**.
2. Press **WORD NO**; dial 2, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Dial "Trunk Group", **ENTER**.
3. Press **DISPLAY, EXECUTE**.
4. Use **NEXT DATA** to display trunk groups queue data.
- ACTIVATE/DEACTIVATE QUEUING** - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial 2, **ENTER**.
3. Dial "Queuing Active", **ENTER**.
4. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - Outgoing trunk group number. Valid entries are 18 thru 255.
- Field 2 - Queuing active:
0 = Queuing is not active on this trunk group.
1 = Queuing is active on this trunk group.
- Field 3 - Number of calls allowed in a nonpriority queue on this trunk group. Display is 0 thru 63.
- Field 4 - Number of calls allowed in a priority queue on this trunk group. Display is 0 thru 63.
- Fields 5 and 6 - The length of time a call may be queued in an off-hook queue. Display is 1 thru 40 in 0.1-minute increments. A dash indicates unlimited time.
- Field 7 - The length of time a call may be queued in a ringback queue. Display is 1 thru 60 in 1-minute increments. A dash indicates unlimited time.
- Field 8 - Ringback restriction:
0 = Ringback queuing is provided on this trunk group.
1 = Ringback queuing is not allowed on this trunk group.
2 = Ringback queuing was provided, but it has been temporarily converted to off-hook queuing.
- Field 9 - Route advance:
0 = Route advance is not allowed. A 0 is always displayed if AAR/ARS is provided.
1 = Route advance may be used.
- Field 10 - Type of queuing for incoming trunk in field 1:
0 = Off-hook queue, nonpriority.
1 = Off-hook queue, priority.
2 = Ringback queue with two digits in dialing code of the calling station.
3 = Ringback queue with three digits in dialing code of the calling station.
4 = Ringback queue with four digits in dialing code of the calling station.
5 = No queuing is provided.

Fig. 136—PROC 330, WORD 2, VER 2 (FP 8, Iss 3) (Sheet 1 of 2)

FORCE ADMINISTRATION DATA SYSTEM											PROC 426 CAP	
A F A T T I V E	P R I N T	OFFSET MINUTES	DISPLAY ONLY				CAS OR UCD GROUP					
			TIME OF DAY		C R L E O S C E K T							
			HOURS	MINUTES								
1	2	3	4	5	6	7						

USE:

This PROC is used to activate/deactivate the Force Administration Data System (FADS), activate/deactivate the auto print option and set the auto print offset.

OPERATION:

- LOAD PROC** - 1. Press **JUST PROC NO**; dial 4-2-6, **ENTER**.
- DISPLAY** - 1. Load the PROC.
2. Press **DISPLAY, EXECUTE**.
3. Use **NEXT DATA** to display the entire range (0-12) of field 7.
- ADD** (See Notes 1, 2, and 3) - 1. Display the PROC.
2. Dial "FADS Active", **ENTER**, "Auto Print", **ENTER**, "Offset Minutes", **ENTER**.
3. Press **ADD, EXECUTE**.
- CHANGE** (See Notes 1, 2, and 3) - 1. Display the PROC.
2. Press **CHANGE FIELD**; dial the number of the field to be changed, **ENTER**.
3. Dial "New Data", **ENTER**.
4. Repeat Steps 2 and 3 to change other fields.
5. Press **CHANGE, EXECUTE**.

EXPLANATION OF FIELDS:

- Field 1 - FADs active:
0 = Not active
1 = Active.
- Field 2 - Automatic hourly printout (if FADs active):
0 = Not active
1 = Active.
- Field 3 - The automatic printout can be set, in 5-minute increments, for any part of the hour; eg, if offset minutes is 15, the printouts occur at 0115, 0215, 0315, etc. Field limits are 0 thru 55 in 5-minute increments.
- Fields 4 and 5 - Display of the 24-hour time-of-day clock (0-23) with zero being midnight. The time is displayed to the nearest 5 minutes (0-55).
- Field 6 - If a 1 is displayed in this field, the clock must be reset by the telephone company (via PROC 284).
- Field 7 - Centralized attendant service or uniform call distribution group.
0 = Centralized attendant service (CAS)
1-12 = Uniform call distribution (UCD) group number.

NOTES:

1. Field 3 must be 0 thru 55 with the rightmost digit a 5.
2. Field 1 may only be set to a 1 if a FADs terminal is assigned.
3. Field 2 may only be set to 1 if field 1 is set to 1.

SPECIAL ERROR CODES:

- 82 - See Note 1.
83 - See Note 2.

Fig. 138—PROC 426 (FPs 8, 11, 12)

CAP TEST																									PROC 526 CAP
TEST NO	T E S T		N P E R O C		STOP	C L E A R		W O R D		R L S B U S Y	B U S Y O U T	R M V	A D D		C H G	F I E L D	N U N I T		C H G	D I S P L	E X E C	N E A T A	N E X T		
1	T E S T	1	2	3	4	5	6	7	8	9	C E N T R A R Y	0	E N T E R	14	15	16	17	18	19	20	21	22	23	24	25

USE:

This PROC is used to test all of the keys and indicators on the CAP (except for RUN TAPE and CUST PROC NO. keys).

OPERATION:

LOAD PROC - Press CUST PROC NO; dial 5-2-6, ENTER.

TEST 1 - 1. Load the PROC.
DISPLAY - 2. Use NEXT TEST to display a 1 in field 1.
TEST - 3. Press EXECUTE. Zeros are displayed in all fields.
4. Press NEXT DATA repeatedly to sequentially display digits 1 thru 9 in all fields.

TEST 2 - 1. Load the PROC.
CONTROL - 2. Use NEXT TEST to display a 2 in field 1.
KEY TEST - 3. Press EXECUTE. A 1 is displayed in field 23.
(See Note) - 4. Press the following keys and note that a 1 is displayed in the corresponding field:
STOP, CLEAR DATA, WORD NO, RLS BUSY, BUSY OUT, REMOVE, ADD, CHANGE FIELD, NEXT UNIT, CHANGE, DISPLAY, NEXT DATA, NEXT CIRCUIT.

TEST 3 - 1. Load the PROC.
DIALING - 2. Use NEXT TEST to display a 3 in field 1.
PAD TEST - 3. Press EXECUTE; dial 1 thru 9, CLEAR ENTRY, 0, ENTER. Note that a 1 is displayed in fields 12, 13, and 14 and the dialed digit (1 thru 9) appears in the appropriate field.

TEST 4 - 1. Load the PROC.
INDICATOR - 2. Use NEXT TEST to display a 4 in field 1.
TEST - 3. Press EXECUTE. The IN-USE, BUSY OUT, SEE NOTE, and WAIT indicators light.
4. Press NEXT DATA and note the indicators go dark.

EXPLANATION OF FIELDS:

The fields on the flipchart correspond to the keys and indicators on the CAP.

NOTE:

Do not attempt to test the RUN TAPE key with this PROC.

Fig. 139—PROC 526 (FPs 7, 8, 9, 11, 12)