INTRODUCTION TO PROGRAMMING

1.1 PROGRAMMING OVERVIEW

The DCS system arrives from the factory with default data. Connect it to trunks, stations and power, turn the system on and it is fully operational. The only thing left to do is customize the data to fit the customer's needs. This is called programming the system.

MMC stands for Man Machine Code and each program is assigned a different three digit code. These MMC codes are used to view, create or change customer data. Programming is simply deciding what needs to be done and knowing which MMC is used to do it. For example, use MMC 601 to create a station group. System speed dial numbers are entered in MMC 705 and soft keys are assigned to individual keysets using MMC 722.

System programming may be done from any LCD 12B, LCD 24B (Euro style), Falcon 18B or Falcon 28B keyset or via a PC using PCMMC software. The first thing you must do is open system programming. As a security measure, a passcode must be entered to do this. Figure 1–1 illustrates the keys on a display keyset that have special functions during programming. When required, these keys will be referred to by the names described in the diagram.

1.2 PROGRAMMING LEVELS

There are three levels of programming: SYSTEM, CUSTOMER and STATION. System and customer levels are under passcode protection while station programming does not require a passcode.

To prevent conflicting data from being entered, only one person at a time can enter programming with the technician or customer passcode. While programming is in progress, normal system operation is not affected. For your convenience, the system displays [xxx IN PGM MODE] when another keyset is in the program mode.

A. System level

This level is entered via MMC 800 and requires the technician level passcode. It allows access to all system programs, station programs and maintenance programs.

B. Customer level

This level is entered via MMC 200 and requires the customer passcode. It allows access to station programs and system programs allowed by the technician in MMC 802. When using the customer passcode to access station programs, data for all stations can be viewed or changed.
NOTE: When the system is programmed for multiple tenant use, each tenant has an individual customer passcode enabled in MMC 201. The access for tenant passcode is limited to only certain MMCs. See MMC 201 for more details.

After opening programming with the customer passcode, you must press TRSF to exit. Now press TRSF and the MMC number you wish to access.

C. Station level

All keysets can access station programs 102 ~ 119 without using a passcode. Each user can only change station data for his/her own keyset.

When the LCD 12B, LCD18B, LCD24B or LCD 28B keyset is in programming, the display shows instructions, prompts and choices. Existing data is always displayed before it can be changed. The keystroke sequence for each MMC is detailed in the following pages.

1.3 MMC Programming Structure

The MMCs are broken into 100 groups. Each group has a theme and these themes are as follows:

100 series –   Station user programs. Most of these programs can be entered by the station user without a password.
200 series –   Station features and Optional Equipment programs.
300 series –   System wide station programs which relate to the system resources and system features available to station users.
400 series –   Trunk related programs.
500 Series –   System Counters and timers.
600 Series –   Groups including station, trunk and paging.
700 Series –   System-wide features and System Tables.
800 Series –   Technician-specific programs.

Opening MMC Programming

Before it is possible to perform System level or Customer level programming, programming mode must be enabled. This is done by following these steps:

1. On an idle LCD keyset, press the [TRSF] key and enter the appropriate programming code (ie 200 for customer or 800 for technician);

2. Enter the passcode (Defaults: Technician – 4321; Customer – 1234)

3. When entering programming mode for the first time, the system requires the country code to be set. Select Australia using the Volume up/down keys and confirm using the right soft key. Press 1 to set the default values for Australia. Re-enter programming mode from step 1 above

4. The display will indicate whether programming is enabled or disabled. This can be toggled by pressing the Volume + or Volume – keys or by dialling 1 to enable.

5. The system is now enabled for programming.

IMPORTANT REMINDER

When first installing DCS70, DCS24, DX408 systems and DCS200 systems using V6+ , always use MMC 812 to set the Country code 'Australia' and then MMC 811 to clear the memory. This will ensure that you begin with clean default data.

In MMC 811 two options are available, RESET SYSTEM and CLEAR MEMORY, you must select CLEAR MEMORY using the Volume Up key or dialling 1. RESET SYSTEM only restarts system - it does not clear the memory

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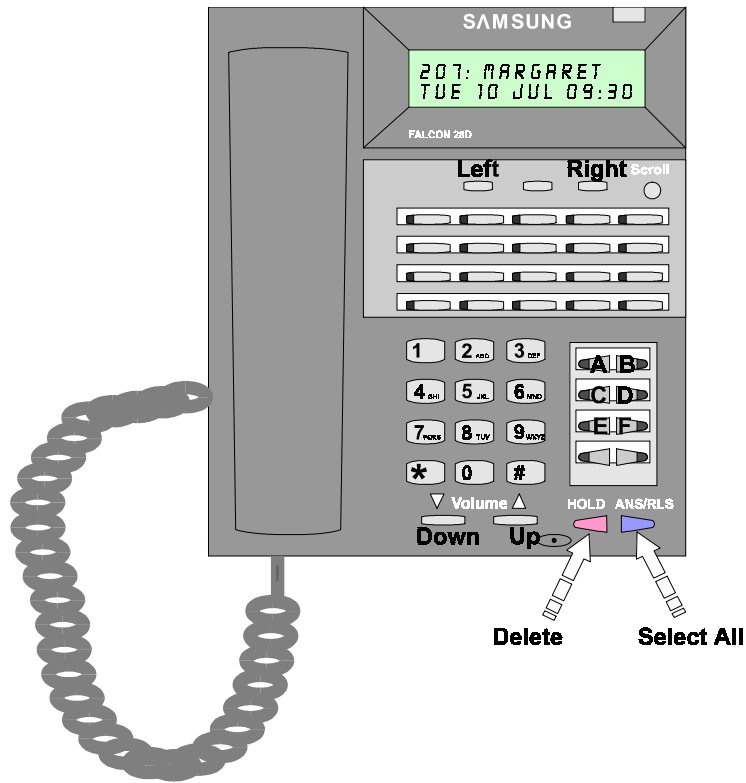
FIGURE 1-1   SPECIAL KEY FUNCTIONS New Falcon 28 Key Handset

FIGURE 1-2   SPECIAL KEY FUNCTIONS DX 24 Key Handset

Programmable keys on the Falcon 28B, Falcon 18B, Falcon 8B and DX24B are programmed in MMC 722 and MMC 723. The mapping of the keys is shown in the diagrams below.
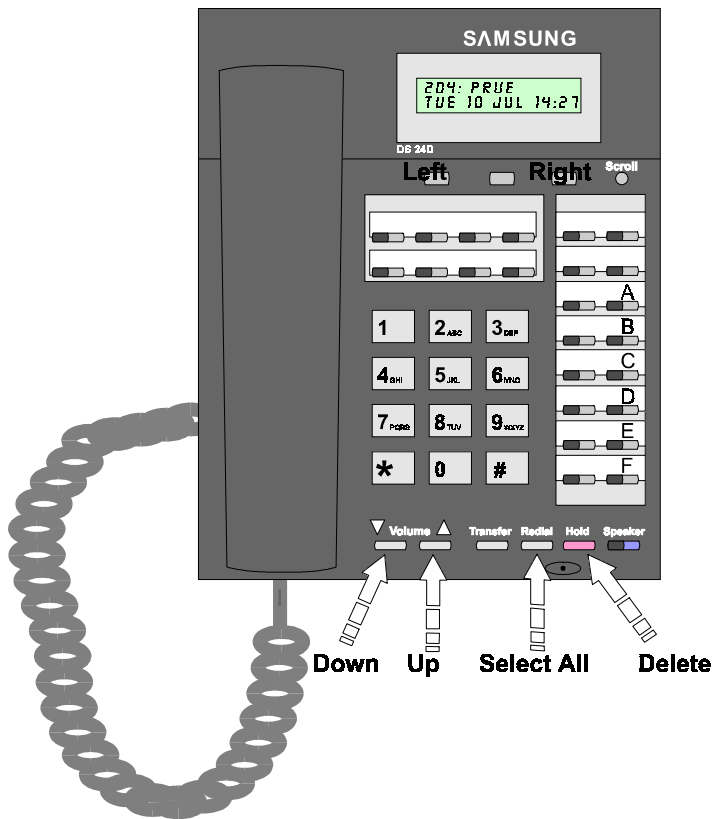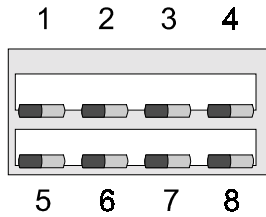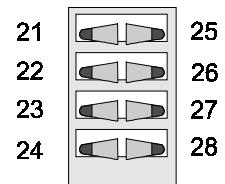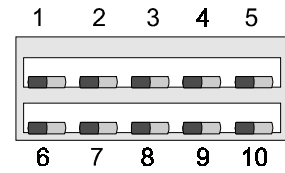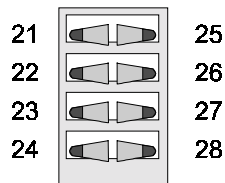
Falcon 8B Keyset

Falcon 18B Keyset
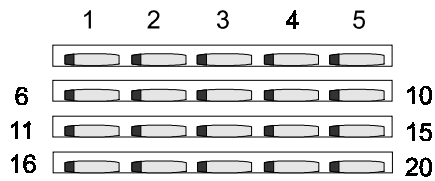
Falcon 28B Keyset
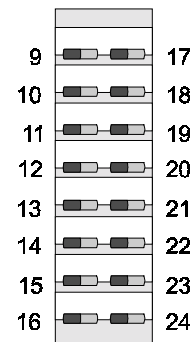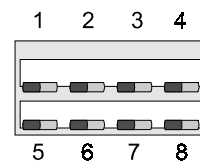
DX 24B Keyset
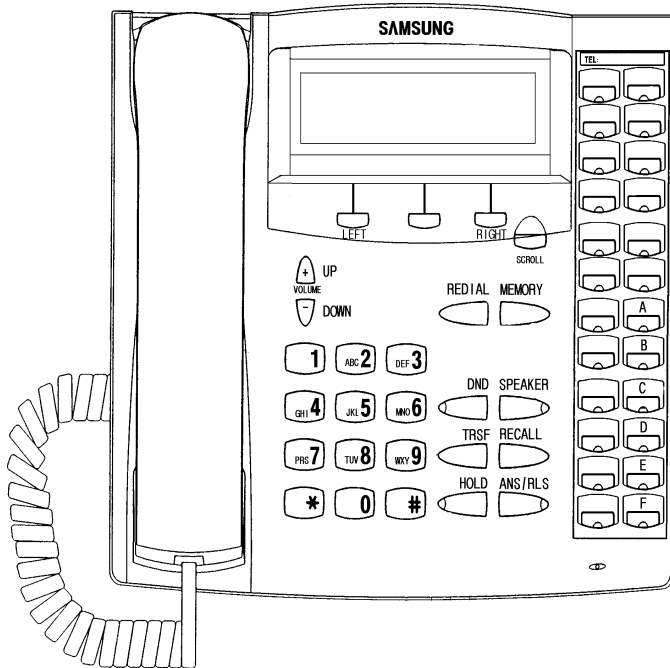
FIGURE 1-3 SPECIAL KEY FUNCTIONS Euro 24 Key Handset

Programming Procedures

Program List

100:	Station Lock/Unlock
101:	Change User Passcode
102:	Call Forward
103:	Set Answer Mode
104:	Station Name
105:	Station Speed Dial
106:	Station Speed Dial Name
107:V6	Key Extender
108:D24	Station Status
109:	Clock Display
110:V6	Keyset On/Off
111:	Keyset Ring tone
112:	Alarm Clock
113:	View Memo No.
114:	Off Hook Ring Level
114:V6	Keyset Volume
115:	Set Programmed message
116:	Alarm Reminder
117:	Assign BGM Volume
118:	Station Ring Volume
119:	Set CLIP Display
121:V6	Keyset Language
200:	Open Customer Programming
201:	Change Customer's Passcode
202:	Change Feature Passcodes
203:D24	Assign UA Device
204:D24	Common Bell Control
205:D24	Assign Loud Bell
206:	Barge in Type
207:V6	Assign VM/AA Port
208:	Assign Ring Type
209:	Assign AOM
210:V6	Customer On/Off per Tenant
211:D24	Door Ring Assignment
212:D24	Alarm Ringing Station
213:D24	Alarm Message
214:214	DISA Alarm Ringing Station
215:	Dial by Voice Options
216:	Dial by Voice Assignment
217:	CCC Option
219 D24	Common Service Relay Type
220:V6	ISDN Service Type
300:V6	Customer On/Off per Station
301:	Assign Station COS
302:	Pick Up Groups
303:	Assign Boss/Secretary

304:      Assign Station/Trunk Use
305:      Assign Forced Code
306:      Hot Line
306D24:   Hot Line
307:      Assign Off-Hook Selection
308:D24   Assign Station BGM Source
309:D24   Assign Station Music on Hold
310:      LCR Class of Service
311:      Assign SIM Parameter
312:V6   Allow CLIP
314:V6   Confirm Outgoing Call
313:      Assign PIN Code
315 :V6   Set Relocation
316 :V6   Copy Station Useable
317 :V6   Assign Station/Station Use
318 :V6   Distinctive Ring
319 :V6   Assign Branch Group
400:      Customer On/Off per Trunk
401:      CO/PBX Trunk
402:      Trunk Dial Type
403:      Trunk Toll Class
404:      Trunk Name
405:      Trunk Telephone Number
406:      Trunk Ring Assignment
407:      Forced Trunk Release
408: V6   Assign Trunk Music on Hold
409:      Trunk Status
410:      Assign DISA Trunk
411:      Assign E1 Signal Type
412:      Assign Trunk Signal
413:      Voice Mail Answer Mode
414: V6   Trunk MPD/PRS
415:      Report Abandoned Trunk Data
416:      E&M Translation Table Use
417:      PRI CRC 4 Option
418:      Card Restart
418:V6   Card Restart
419:      BRI Option
420:      PRI Option
421:      MSN Digit
422:      Assign Trunk COS
423:      BRI Configuration
424:      BRI Extension Mapping
426:V6   Trunk Gain Control
427DCS70: R2MFC Signal
428:V6   Assign Trunk/Trunk Useable
429DCS70: Assign Night Trunk Group
500:V6   System Wide Counters
501:V6   System Timers
502:V6   Station Timer
503:V6   Trunk Wide Timers
504:      Pulse Make/Break Ratio
505:      Assign Date and Time
506:V6   Tone Cadence

507:        Assign Auto Night Time
508:        Call Cost
509:        CO Tone Cadence
510:        SLT Message Wait Cadence
510:V6   SLI Ring Cadence
511:V6   SLT Message Wait Cadence
512:V6   Assign Holiday
600:        Assign Operator Group
600:V6   Assign Operator
601:V6   Assign Station Groups
602:        Station Group Name
603:        Assign Trunk Groups
604:        Assign Internal Page Zone
605:D24   Assign External Page Zone
606:D24   Assign Speed Dial Block
607:V6   UCD Options
608:        Assign Review Block
700:D24   Copy COS Contents
701:V6   Assign COS Contents
702:        Toll Deny Table
703:        Toll Allowance Table
704:        Assign Wild Card
705:        Assign System Speed Dial
706:        System Speed Dial Name
707:D24   Authorisation Codes
708:D24   Account Code
709:        PABX Access Codes
710:        LCR Digit Table
711:        LCR Time/Date Table
712:        LCR Route Table
713:        LCR Modify Digit Table
714:        DID Number & Name FANS/Option
715:        Programmed Station Message
716:        Network Access Code
717:        Assign PIN Codes
718:        My Area Code
720:        Copy Key Programming
721:        Save Station Key Programming
722:        Station Key Programming
723:V6   System Key Program
724:        Dial Numbering Plan
724:V6   Dial Numbering Plan
725:        SMDR Options
726:        VM/AA Option
727:D24   System Version Display
728:        CLIP Translation Table
730:D24   AA Record Gain
731:        AA RAM Clear
732:V6   AA Translation Table
733:        AA Plan Table
734:        AA Message Match
735:        AA Used Plan
736:D24   Assign AA MOH
737:        DECT System Code

738:            Clear DECT Registration
739:            BSI Download
740:            Station Pairing
741:            DBS Restart
742:            BSI Status
743:            DBS Status
744:            BSI Registration
745:            DECT Carrier Allocation
750:Cadence   VM Card Restart
751:Cadence   Assign Mailbox
752: Cadence   Auto Record
753:Cadence   Warning Destination
754:Cadence   VM Halt
755:Cadence   VM Alarm
756:Cadence   Assign VM MOH
757:Cadence   VM IN/OUT
800:            Enable Technician Programming
801:            Change Technician Passcode
802:V6   Customer Access MMC Numbers
803:            Assign Tenant Group
804:V6   System I/O Parameters
805:            Tx Level
805:V6   TX Level and Gain
806:            Card Pre-Install
807:V6   Volume Control
809:V6   System MMC Language
810:            Halt Processing
811:            Reset System
812:V6   Country Code

:   V6 designates Version 6 software changes.
                D24 designates specific DCS24 information.
                Cadence designates specific Cadence MMC's

MMC 100: Station Lock

DESCRIPTION:

Allows the System Administrator or technician to lock or unlock an individual station or all stations simultaneously. The three options are as follows:

0	UNLOCKED	Unlocks a locked station
1	LOCKED OUT	This mode does not allow access to a CO line to dial out
2	LOCKED ALL	Not allowed to initiate any action with this mode

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 100
    Display shows

    ```
    [201] STN LOCK
    UNLOCKED
    ```

2. Dial station number (eg., 205)
            OR
    Use UP and DOWN to select station
    and press RIGHT soft key to move cursor
            OR
    Press ANS/RLS to select all stations

    ```
    [205] STN LOCK
    UNLOCKED
    ```

    ```
    [ALL] STN LOCK
    ??
    ```

3. Dial 0 to 2 for Locked type (eg., 1)
            OR
    Press UP or DOWN key to make
    selection and press RIGHT soft key
    to return to step 2

    ```
    [205] STN LOCK
    LOCKED OUT
    ```

4. Press TRSF to save and exit
            OR
    Press SPK to save and advance
    to next MMC

DEFAULT DATA: ALL STATIONS UNLOCKED

RELATED ITEMS: STATION USER PROGRAMMING

MMC 101:   Change User Passcode

DESCRIPTION:

Allows the system administrator or technician to reset any keyset 's passcode to its default value of "1234"
This MMC cannot display station passcodes; it can only reset them to default.

Keyset users can set or change their individual passcodes. The passcode is used to lock or unlock the keyset
for toll restriction override and to access the DISA feature.

NOTE: Default passcodes cannot be used for toll restriction override or for DISA access.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 101
    Display shows

```
[201]  PASSCODE
PASSCODE : ****
```

2. Dial keyset number (eg., 205)
            OR
    Use UP or DOWN to scroll through
    keyset numbers and press RIGHT
    soft key to move the cursor right

```
[205]  PASSCODE
PASSCODE : ****
```

3. Press HOLD to reset passcode

```
[205]  PASSCODE
PASSCODE : 1234
```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance
    to next MMC

DEFAULT DATA: ALL STATION PASSCODES = 1234
RELATED ITEMS: MMC 100 STATION LOCK

MMC 102:   Call Forward

DESCRIPTION:

Allows the system administrator to program the call forward destinations for other station users. The MMC also allows call forward to be set after the destination has been entered.

The DCS system allows five types of call forwarding. FORWARD ALL, FORWARD NO ANSWER, FORWARD BUSY, FORWARD FOLLOW ME and FORWARD EXTERNAL. There is an additional option, FORWARD BUSY/NO ANSWER, that allows both of these options to be activated at the same time, provided that destinations have been entered for both.

       0 = FORWARD CANCEL   3 = NO ANSWER

       1 = ALL CALL   4 = BUSY/NO ANSWER

       2 = BUSY   5 = EXT

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1.   Press TRSF 102
       Display shows

```
[201] FORWARD
0 : FORWARD CANCEL
```

2.   Dial station number (eg., 205)
             OR
       Press UP or DOWN to select station
       Press RIGHT soft key to move cursor

```
[205] FORWARD
0 : FORWARD CANCEL
```

3.   Dial 0–5 to select forward type
             OR
       Press UP or DOWN to select forward type
       Press RIGHT soft key to move cursor

```
[205] FORWARD
1 : ALL CALL : NONE
```

4.   Dial destination number (eg., 201)
             OR
       Press UP or DOWN to select destination
       Press RIGHT soft key to move cursor

```
[205] FORWARD
1 : ALL CALL : 201
```

5.   Dial 1 for YES, 0 for NO
             OR
       Press UP or DOWN to select YES or
       NO and Press RIGHT soft key to
       return to step 2

```
[205] FORWARD
CURRENTLY SET : YES
```

6.   Press TRSF to store and exit
       OR
       Press SPK to store and advance
       to next MMC

Note: Forward External key must be programmed on a keyset to allow this feature to be activated.

DEFAULT DATA: NONE
RELATED ITEMS: MMC 301 ASSIGN STATION COS
MMC 501 SYSTEM TIMERS
MMC 502 FORWARD NO ANSWER TIMER
MMC 701 ASSIGN COS CONTENTS
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

MMC 103:   Set Answer Mode

DESCRIPTION:

Allows a system administrator to change the answer mode of any keyset or add-on module. Each keyset or add-on module can have its answer mode set to one of the following options:

0. RING: The keyset will ring in one of eight custom ring patterns. Calls are answered by pressing the ANS/RLS key or by lifting the handset.

1. AUTO: After giving a short attention tone, the keyset will automatically answer calls on the speaker phone. When a CO line is transferred to a keyset in Auto Answer, the screened portion of the call will be Auto Answer, but the keyset or add-on module (AOM) will ring when the transfer is made if the user has not pressed the ANS/RLS key or lifted the handset.

2. VOICE: ANNOUNCE after a short attention tone, callers can make an announcement but the ANS/RLS key or handset must be used to answer calls.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 103
    Display shows

    ```
    [2]01] ANS MODE
    RING MODE
    ```

2. Dial keyset number (eg., 205)
        OR

    ```
    [205] ANS MODE
    RING MODE
    ```

    Press UP or DOWN to select keyset
        OR
    Press ANS/RLS to select all Stations
    Press RIGHT soft key to move cursor

    ```
    [ALL] ANS MODE
    ?
    ```

3. Dial 0, 1 or 2 to change ring mode
        OR

    ```
    [2]05] ANS MODE
    VOICE ANNOUNCE
    ```

    Press UP or DOWN to select ring mode and
    press RIGHT soft key to return to step 2
    above

4. Press TRSF to store and exit
        OR
    Press SPK to store and advance
    to next MMC

DEFAULT DATA: ALL KEYSETS RING
**   RING FREQUENCY DEFAULT IS 5**
RELATED ITEMS: MMC 111 KEYSET RING TONE

MMC 104:   Station Name

DESCRIPTION:

Allows the system administrator or technician to enter an eleven (11) character name to identify an individual station.

Names are entered using the keypad. Each key press selects a character. Pressing the dial pad key moves the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable key will change the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
A	Key 19; acts as toggle between upper case and lower case

ACTION   **DISPLAY**

1. Press TRSF 104
    Display shows

    [201] STN NAME

2. Dial station number (eg., 205)
         OR
    Press UP or DOWN to select station
    Press RIGHT soft key to move cursor

    [205] STN NAME
    _

3.   Enter the station name using the procedure
      described above. Press the RIGHT soft
      key to return to step 2

| [205] STN NAME |
| SAM SMITH |

4.   Press TRSF to store and exit
              OR
      Press SPK to store and advance to
      next MMC

DEFAULT DATA: NONE
RELATED ITEMS: "A" BUTTON IS BUTTON #19 ON KEYSET

MMC 105:   Station Speed Dial

DESCRIPTION:

Allows the system administrator or technician to program the personal speed dial locations assigned to a station. This must be done for single line telephones because these stations cannot access programming. Each station may have up to 50 locations or bins assigned to it in MMC 606 Assign Speed Block. The speed dial bins are numbered 00 - 49. Each speed dial number should consist of a trunk or trunk group access code followed by a separator and up to 18 digits to be dialled. These dialled digits may consist of 0-9, [and #. If the system recognises a valid trunk or trunk group access number, it will automatically insert the separator.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
B	Used to insert a flash code "F"
C	Used to insert a pause code "P"
D	Used to insert a pulse/tone conversion code "C"
E	Used to mask/unmask following digits (shows as "[" or "]")
F	Used to enter name for speed dial bin (see MMC 106)

ACTION   **DISPLAY**

1. Press TRSF 105
    Display shows

    ```
    [201] SPEED DIAL
    00 :
    ```

2a. Dial station number (eg. 205)
            OR
    Press UP or DOWN to select station
    Press RIGHT soft key to move cursor
            OR
    Press LEFT soft key to go to step 4

    ```
    [201] SPEED DIAL
    00 :
    ```

2b. If selected station has no speed dial
    bins, the display will be as shown and
    a new station may be selected

    ```
    [205] SPEED DIAL
    SPDBLK NOT EXIST
    ```

3. Dial location number (eg., 05)
            OR
    Press UP or DOWN to select location
    Press RIGHT soft key to move cursor
            OR
    Press LEFT soft key to return to step 2

    ```
    [205] SPEED DIAL
    05 : _
    ```

4. Enter trunk access code (eg., 0)
    followed by the number to be dialled
    (eg., 4264100)
            OR
    Press the RIGHT soft key to return to step 2
            OR
    Press the LEFT soft key to return to step 3
    Press HOLD button to clear an entry
    If an error is made, use DOWN arrow to step

    ```
    [205] SPEED DIAL
    05 : 0-4264100_
    ```

back

5.   Press "F" button to access MMC 106
      Station Speed Dial by Name
              OR
      Press TRSF to save and exit
              OR
      Press SPK to save and advance to next
MMC

DEFAULT DATA: NONE
RELATED ITEMS: MMC 106 STATION SPEED DIAL NAME
**   MMC 606 ASSIGN SPEED BLOCK**

MMC 106:   Station Speed Dial Name

DESCRIPTION:

Allows a eleven character name to be entered for each personal speed dial location. This name enables the speed dial number to be located when the directory dial feature is used. The directory dial feature allows the display keyset user to select a speed dial location by viewing its name.

Names are written using the keypad. Each press of a key selects a character. Pressing the dial key pad moves the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable key changes the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL ∗	:	=	[	]	∗

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
A	Key 19, acts as toggle between upper case and lower case

ACTION   **DISPLAY**

1. Press TRSF 106
    Display shows

    ```
    [201] SPEED NAME
    00 :
    ```

2a. Dial station number (eg., 205)
              OR

    ```
    [205] SPEED NAME
    00 :
    ```

     Press UP or DOWN to select station
     and press RIGHT soft key to move cursor

2b. Dial station number (eg., 305)

    ```
    [305] SPEED NAME
    ```

OR
Press UP or DOWN to select station
speed blocks not assigned

SPDBLK NOT EXIST

3. Dial speed dial location (eg., 05)
        OR
    Use UP or DOWN to scroll through
    location numbers and use the RIGHT
    soft key to move the cursor
            OR
    Press the LEFT soft key to return to
    step 2

[205] SPEED NAME
01 : _

4. Enter the location name using the
    procedures described above and
    press RIGHT soft key to return to step 2
            OR
    Press LEFT soft key to return to step 3 to
    continue entering entries

[205] SPEED NAME
01 : SAM SMITH

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance
    to next MMC

DEFAULT DATA: NONE
RELATED ITEMS: MMC 105 STATION SPEED DIAL

MMC 107:   Key Extender

DESCRIPTION:

Use this program to view the programmable keys assigned to keyset station. In addition it allows the system administrator to assign key extenders to some keys making a general access feature key more specific. The feature keys that can have extenders are listed below.

    FEATURE KEY EXTENDER

    BOSS   Boss and Secretary (1-4)
    DIR   Directory dial by name type (1-3)
    DP   Direct Pick Up (extension or station group number)
    DS   Direct Station Select (station number)
    FWRD   Call Forward (0-5)
    GPIK   Group Pick Up (01-20)
    IG   In/Out group (Station Group Number)
    MMP   Meet Me Page (0-9, *)
    PAGE   Page (0-9, *)
    SG   Station Group (500-529)
    SPD   Speed Dial (00-49, 500-999)
    SP   UCD Supervisor (UCD Group Number)
    PSM   Programmed Station Message (01-20)
     VT   VM transfer (VM/AA Group Number)

PROGRAM KEYS

    UP & DOWN   Used to scroll through options
    KEYPAD   Used to enter selections
    SOFT KEYS   Move cursor left and right
    SPK   Used to store data and advance to next MMC
    HOLD   Used to clear previous entry

ACTION	DISPLAY
1. Press TRSF 107 Display shows first station	[201] KEY EXTEND 01 : CALL1 →
2. Dial station number (eg., 205) OR Use UP or DOWN to scroll through station numbers and press RIGHT soft key to move the cursor	[205] KEY EXTEND 01 : CALL1 →

3. Enter key number (eg., 18)
         OR
Use UP and DOWN to scroll through
keys and use RIGHT soft key to
move the cursor
         OR
Press the key to be programmed
Dial extender according to above table
System will return to this step
If no more entries, press LEFT soft
key to return to step 2
	[205] KEY EXTEND
	18 : DS 207 → DS_

4.   Press TRSF to store and exit
             OR
      Press SPK to store and advance
      to next MMC

| [205] KEY EXTEND |
| 18 : DS 207 → |

DEFAULT DATA: NONE
RELATED ITEMS: **MMC 720 COPY KEY PROGRAMMING**
                          MMC 721 SAVE STATION KEY PROGRAMMING
                          MMC 722 STATION KEY PROGRAMMING
                          MMC 723 SYSTEM KEY PROGRAMMING
                          MMC 724 DIAL NUMBERING PLAN

Note: When the RIGHT soft key will not move the cursor to the right, you are attempting
to add an extender to a key that cannot have one.

MMC 108:   Station Status

DESCRIPTION:

Displays the following attributes of a station port. This is a READ ONLY MMC.

	DCS			DCS70
0	PORT #: Cabinet (1-3)/Slot (1-7)/Port (1-16)	0	PORT #: Card (Base/Exp1-6)/Port (1-8)	
1	TENANT NUMBER 1-2	1	TYPE	
2	PICKUP GROUP None, 01-30	2	PICKUP GROUP None, 01-30	
3	SGR Station Group Number	3	SGR Station Group Number	
4	BOSS-SECR None, 1-4	4	BOSS-SECR None, 1-4	
5	PAGE Page Zone (1-4)	5	PAGE Page Zone (1-4)	
6	DAY COS NO COS (01-30)	6	DAY COS NO COS (01-30)	
7	NIGHT COS NO COS (01-30)	7	NIGHT COS NO COS (01-30)	

DCS24

0	PORT NO	Slot (BDLI,BSLI,AA)/Port (1-12)
1	TYPE	
2	PICKUP GROUP	None, 01-08
3	SGR	Station Group Number
4	BOSS-SECR	None, BOSS, SECR
5	PAGE	Page Zone (1-4, *)
6	DAY COS NO	COS (01-10)
7	NIGHT COS NO	COS (01-10)

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to advance to next MMC

ACTION   DISPLAY

1.	Press TRSF 108 Display shows first station		[201] STN STATUS PORT # : C1 - S3 - P01
2.	Dial station number (eg., 205) OR Press UP or DOWN to select station and press RIGHT soft key to move cursor		[205] STN STATUS PORT # : C1 - S3 - P01
3.	Dial 0-7 to select station status type OR Press UP or DOWN to select status and press RIGHT soft key to return to step 2		[205] STN STATUS TENANT NUMBER : 1
4.	Press TRSF to exit OR Press SPK to advance to next MMC		

DEFAULT DATA: PORT NUMBER: ?
                     TENANT NUMBER: 1
                     PICKUP GROUP: 01
                     STATION GROUP: NONE

BOSS/SECRETARY PAIRS: NONE
PAGE ZONE: NONE
DAY COS NUMBER: 01
NIGHT COS NUMBER: 01

RELATED ITEMS: **MMC 301 ASSIGN STATION COS**
                      MMC 302 PICKUP GROUPS
                      MMC 303 ASSIGN BOSS/SECRETARY
                      MMC 601 ASSIGN STATION GROUP
                      MMC 604 ASSIGN STATION TO PAGE ZONE
                      MMC 803 ASSIGN TENANT GROUP - DCS ONLY

MMC 109:   Clock Display

DESCRIPTION:

Allows the system administrator or technician to select the date and time display mode on
a per-station basis or system-wide.

0	COUNTRY	Sets overall display format and has two options
		0 = ORIENTAL MM/DD DAY HH:MM
		1 = WESTERN DAY DD MON HH:MM

1	CLOCK	Sets format of clock display and has two options
		0 = 12 HOUR Displays 1 PM as 01:00
		1 = 24 HOUR Displays 1 PM as 13:00

2	DISPLAY	Sets format of DAY and MON display and has two options
		0 = UPPER CASE Displays Friday as FRI and March as MAR
		1 = LOWER CASE Displays Friday as Fri and March as Mar

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.   Press TRSF 109
   Display shows

```
[201] DAY FORMAT
COUNTRY : WESTERN
```

2.   Dial station number (eg., 205)
          OR
   Press UP or DOWN to select station and
   press RIGHT soft key to move cursor
          OR
   Press ANS/RLS for all keysets

```
[205] DAY FORMAT
COUNTRY : WESTERN
```

```
[ALL] DAY FORMAT
COUNTRY : ?
```

3.   Dial 0-2 to select mode
          OR
   Use UP and DOWN to scroll through
   modes and press RIGHT soft key to
   move cursor

```
[205] DAY FORMAT
COUNTRY : ORIENTAL
```

4.   Use UP or DOWN to scroll through
   formats and press RIGHT soft key
   to return to step 2
          OR
   Press LEFT soft key to return to step 3

5.   Press TRSF to store and exit
          OR
   Press SPK to store and advance to
   next MMC

DEFAULT DATA: **COUNTRY: WESTERN**

CLOCK: 12 HOUR CLOCK
DISPLAY: LOWERCASE
RELATED ITEMS: MMC 505 ASSIGN DATE AND TIME

MMC 110:   Keyset On/Off

DESCRIPTION:

Allows the system administrator to set any of the keyset features listed below.

0.   AUTO HOLD   Automatically places an existing CO call on hold if a CALL button, trunk key or trunk route key is pressed during that call.

1.   AUTO TIMER   Automatically starts the stopwatch timer during a CO call.

2.   HEADSET USE   When on, this feature disables the hookswitch allowing a headset user to answer all calls by pressing the ANS/RLS button.

3.   HOT KEYPAD   When on, this feature allows the user to dial directory numbers without having to first lift the handset or press the SPK button.

4.   KEY TONE   Allows the user to hear a slight tone when pressing buttons on his/her set.

5.   PAGE REJOIN   Allows the user to hear the latter part of page announcements if his/her keyset becomes free during a page.

6.   RING PREF.   When off, requires the user to press the fast flashing button to answer a ringing call after lifting the handset.

7.   CALL COST.   If enabled (ON), LCD shows real time call cost calculated based on Metering Pulses arrived.

8.   AME BGM   This feature selects whether a station using Answer Machine Emulation will hear their personal greeting or BGM while callers are listening to the personal greeting. A BGM source must be selected for this to work. (Not applicable to DCS24)

9.   AME PSWD   When this feature is set, a station user using Answer Machine Emulation can hear the caller's voice after entering the station passcode.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.   Press TRSF 110
     Display shows

     ```
     [201] STN ON/OFF
     AUTO HOLD : OFF
     ```

2.   Dial keyset number (eg., 205)
              OR

     ```
     [205] STN ON/OFF
     AUTO HOLD : OFF
     ```

     Press UP or DOWN to select keyset and
     press RIGHT soft key to move cursor
              OR

     ```
     [ALL] STN ON/OFF
     AUTO HOLD : OFF
     ```

     Press ANS/RLS for ALL

3.   Dial option number from above list

     ```
     [205] STN ON/OFF
     ```

(0-7, eg., 3)

    OR

Press UP or DOWN to select option and
press RIGHT soft key to move cursor

```
| AUTO HOLD : OFF            |
```

```
[205] STN ON/OFF
HOT KEYPAD : ON
```

4. Press UP or DOWN to select ON or OFF
    and press LEFT or SOFT key to return
    to step 3

        OR

    Dial 1 for ON or 0 for OFF (Automatically
    returns to step 3)

5. Press TRSF to store and exit

        OR

    Press SPK to store and advance to next
MMC

Dial option number 0 from above list
at step 3

```
[205] STN ON/OFF
AUTO HOLD : OFF
```

Dial option number 1 from above list
at step 3

```
[201] STN ON/OFF
AUTO TIMER : ON
```

Dial option number 2 from above list
at step 3

```
[205] STN ON/OFF
HEADSET : OFF
```

Dial option number 3 from above list
at step 3

```
[205] STN ON/OFF
HOT KEYPAD : ON
```

Dial option number 4 from above list
at step 3

```
[205] STN ON/OFF
KEY TONE : ON
```

Dial option number 5 from above list
at step 3

```
[205] STN ON/OFF
PAGE REJOIN : ON
```

Dial option number 6 from above list
at step 3

```
[205] STN ON/OFF
RING PREF : ON
```

Dial option number 7 from above list
at step 3

```
[205] STN ON/OFF
CALL COST : ON
```

DEFAULT DATA: **AUTO HOLD OFF**
                       AUTO TIMER ON
                       HEADSET OFF
                       HOT KEYPAD ON
                       KEY TONE ON
                       PAGE REJOIN ON
                       RING PREFERENCE ON
                       CALL COST OFF
                       AME BGM: OFF

                       AME PSWD: OFF

RELATED ITEMS: **MMC 301 ASSIGN STATION COS**
                       MMC 701 ASSIGN COS CONTENTS

MMC 111: Keyset Ring Tone

DESCRIPTION:

Allows the system administrator or technician to select the ring tone heard at each keyset. There are eight ring tones available at each keyset. A short tone burst of the selection will be heard when the dial key pad is pressed.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 111
    Display shows

    ```
    [201] RING TONE
    FREQUENCY 6
    ```

2. Dial keyset number (eg., 205)

    ```
    [205] RING TONE
    FREQUENCY 6
    ```

    OR
    Press UP or DOWN to select station
    and press RIGHT soft key to move cursor
    OR
    Press ANS/RLS to select All

    ```
    [ALL] RING TONE
    FREQUENCY?
    ```

3. Dial 1-8 to select ring tone

    ```
    [205] RING TONE
    FREQUENCY 5
    ```

    OR
    Press UP or DOWN to select ring tone and
    press RIGHT soft key to move cursor and
    return to step 1

    ```
    [ALL] RING TONE
    FREQUENCY 5
    ```

4. Press TRSF to store and exit
    OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **FREQUENCY 5**
RELATED ITEMS: **MMC 114 OFF-HOOK RING VOLUME**

MMC 112:   Alarm Clock

DESCRIPTION:

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any station. This must be done for single line telephones as they cannot access programming. Three alarms may be set for each station and each alarm may be defined as a one-time or TODAY alarm or as a DAILY alarm as described below. The TODAY alarm is automatically cancelled after it rings, while the DAILY alarm rings every day at the same time. Alarm numbers are 1, 2 and 3.

Entry	Alarm Type
DIAL 1	NOTSET
DIAL 2	TODAY
DIAL 3	DAILY

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION		DISPLAY
1.	Press TRSF 112 Display shows	[201] ALM CLK(1) HHMM: → NOTSET
2.	Dial station number (eg., 205) OR Press UP or DOWN to select station and press RIGHT soft key to move cursor	[205] ALM CLK(1) HHMM: → NOTSET
3.	Dial 1-3 to select alarm (eg., 2) OR Press UP or DOWN to select alarm and press RIGHT soft key to move cursor OR Press LEFT soft key to return to step 2	[201] ALM CLK(1) HHMM:_ → NOTSET
4.	Enter alarm time in 24 hour clock format, eg., 1300 Display will automatically advance to step 5	[205] ALM CLK (2) HHMM: 1300→ NOTSET
5.	Dial valid entry from above list for alarm type OR Press UP or DOWN to select alarm type and press RIGHT soft key to move cursor and return to step 2	[205] ALM CLK HHMM: 1300→ DAILY

6.   Press TRSF to store and exit
              OR
      Press SPK to store and advance to
      next MMC

DEFAULT DATA: **ALARMS SET TO NOTSET**
RELATED ITEMS: **NONE**

MMC 113:   View Memo

DESCRIPTION:

Allows a station user the ability to view a memo left by the user. A memo can be left by entering it via the dial key pad using the table below. MMC 112 Alarm Reminder can be programmed to remind the user to read the memo. A memo of up to and including 14 characters can be entered. Using the dial key pad, press "6" two times to enter the letter "N," and press "3" twice for an "e." Pressing the "A" key will change the letters from upper case to lower case.

NOTE: When the character desired appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1. Press TRSF 113   [201] VIEW MEMO
    Display shows   1:

2. Press RIGHT soft key to move cursor   [201] VIEW MEMO
    and add memo via dial key pad using   1: NEED BREAD
    procedure above
    Press RIGHT soft key to return to step 2

3. Press TRSF to store and exit
            OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **NO MEMOS ENTERED**
RELATED ITEMS: **"A" BUTTON IS BUTTON #19 ON KEYSET**

MMC 114: Off-Hook Ring Volume

DESCRIPTION:

Allows the system administrator to set the off-hook ring volume for any or all keysets.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 114
    Display shows

    ```
    [201] OFFRNG VOL
    RING VOLUME 4
    ```

2. Dial station number (eg., 205)
            OR

    ```
    [205] OFFRNG VOL
    RING VOLUME 4
    ```

    Press UP or DOWN to select station and
    press RIGHT soft key to move cursor
            OR
    Press ANS/RLS for All

    ```
    [ALL] OFFRNG VOL
    RING VOLUME ?
    ```

3. Press UP or DOWN to select ring level or
    dial volume level 1–8 on dial key pad
    Press RIGHT soft key to return to step 2

    ```
    [205] OFFRNG VOL
    RING VOLUME 3
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **RING LEVEL 4**
RELATED ITEMS: **MMC 111 KEYSET RING TONE**
DCS70, DCS 24, DCS 200 Ver 6   **PLEASE SEE MMC114 Volume Settings**

MMC 114: Keyset Volume Settings

DCS 70, DCS 24, DX408 and DCS 200 Version 6.x software

DESCRIPTION:

Allows the system administrator to set the volume for any or all keysets.

0	RING VOLUME	Set a level for keyset ring volume. There are eight volume levels: level 1 is the lowest and level 8 the highest.
1	OFF-RING VOL	Set a level for keyset off-hook ring volume. There are eight volume levels: level 1 is the lowest and level 8 the highest.
2	HANDSET VOL	Set a level for keyset heard volume through handset. There are eight volume levels: level 1 is the lowest and level 8 the highest.
3	SPEAKER VOL	Set a level for keyset heard volume through speaker. There are 16 volume levels: level 1 is the lowest and level 16 the highest.
4	BGM VOLUME	Set a level for keyset background music volume. There are 16 volume levels: level 1 is the lowest and level 16 the highest.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 114
   Display shows

   ```
   [201] STN VOLUME
   RING VOLUME : 4
   ```

2. Dial keyset number (e.g. 205)

   ```
   [205] STN VOLUME
   RING VOLUME : 4
   ```

3.a. Press UP or DOWN to select next volume

   ```
   [205] STN VOLUME
   OFF-RING VOL: 4
   ```

3.b. Press UP or DOWN to select next volume

   ```
   [205] STN VOLUME
   HANDSET VOL : 4
   ```

3.c. Press UP or DOWN to select next volume

   ```
   [205]  STN VOLUME
   SPEAKER VOL :13
   ```

3.d. Press UP or DOWN to select next volume

   ```
   [205] STN VOLUME
   BGM VOLUME   : 3
   ```

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: **RING VOLUME 4**
                        OFF-HOOK RING VOLUME 4   HANDSET VOLUME 4
                        SPEAKER VOLUME 13 BGM VOLUME 13
RELATED ITEMS: **MMC 111 Keyset Ring Tone**

MMC 115: Set Programmed Message

DESCRIPTION:

Allows the system administrator to set a programmed message at any or all keysets. There are 20 messages available. Ten are pre-programmed and ten can be customised in MMC 715 Programmed Message. Programmed station messages are numbered 01-20.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 115
    Display shows

    ```
    [201] PGMMSG (00)
    CANCEL PGM MSG
    ```

2. Dial station number (eg., 205)
            OR

    ```
    [205] PGMMSG (00)
    CANCEL PGM MSG
    ```

    Press UP or DOWN to select station and
    press RIGHT soft key to move cursor
            OR
    Press ANS/RLS to select All

    ```
    [ALL] PGMMSG (??)
    CANCEL PGM MSG
    ```

3. Dial 01-20 to select message number,
    eg., 05
            OR

    ```
    [205] PGMMSG (05)
    PAGE ME
    ```

    Press UP or DOWN to select message
    Press RIGHT soft key to return to step 2

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **NO MESSAGES SELECTED**
RELATED ITEMS: **MMC 715 PROGRAMMED MESSAGE**
                       MMC 722 STATION KEY PROGRAMMING
                       MMC 723 SYSTEM KEY PROGRAMMING

MMC 116: Alarm and Message

DESCRIPTION:

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any station. This must be done for single line telephone because they cannot access programming. Three alarms may be set for each station and each alarm may be defined as a one-time or TODAY alarm or as a DAILY alarm as described below. The TODAY alarm is automatically cancelled after it rings, while the DAILY alarm rings every day at the same time. It is also possible to set a message to display when the alarm is sounded. Alarm numbers are 1, 2 and 3.

        Entry   Alarm Type

        DIAL 1 NOTSET
        DIAL 2 TODAY
        DIAL 3 DAILY

Messages are written using the keypad. Each press of a key will select a character. Pressing the dial pad key will move the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the "A" key will change the letter from upper case to lower case.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL *	:	=	[	]	*

PROGRAM KEYS

        UP & DOWN   Used to scroll through options
        KEYPAD   Used to enter selections
        SOFT KEYS   Move cursor left and right
        SPK   Used to store data and advance to next MMC
        HOLD   Used to clear previous entry
        A   Key 19, acts as toggle between upper case and lower case

ACTION		DISPLAY
1.	Press TRSF 116 Display shows	[201] ALM REM (1) HHMM: → NOTSET
2.	Dial station number (eg., 205) OR	[205] ALM REM (1) HHMM: → NOTSET
	Press UP or DOWN to select station and press RIGHT soft key to move cursor OR	
	Press ANS/RLS to select all stations	[ALL] ALM REM (1)

```
HHMM: → NOTSET
```

3. Dial 1-3 to select alarm (eg., 2)
       OR
   Press UP or DOWN to select alarm and
   press RIGHT soft key to move cursor
       OR
   Press LEFT soft key to return to step 2

```
[201] ALM REM (1)
HHMM: → NOTSET
```

4. Enter alarm time in 24 hour clock format
   (eg., 1300)
   Display will automatically advance
   to step 5

```
[205] ALM   REM (2)
HHMM : 1300 →NOTSET
```

5. Dial valid entry from above list for
   alarm type
       OR
   Press UP or DOWN to select alarm type
   and press RIGHT soft key to move cursor

```
[205] ALM   REM
HHMM : 1300 →DAILY
```

6. Enter messages using above table and
   press RIGHT soft key to return to step 2

```
[205] ALM   REM
_
```

7. Press TRSF to store and exit
       OR
   Press SPK to store and advance to
   next MMC

DEFAULT DATA: **ALARMS SET TO NOTSET**
RELATED ITEMS: **NONE**

MMC 117:   Assign Background Music Volume

DCS Version 1.x to 5.x software and DCS Compact

DESCRIPTION:

Allows station users the ability to assign volume levels for their individual background music. This MMC will not change the level for the speaker phone. Background music will return to the level set by the user when the call is completed. This level can also be set system-wide by the system administrator.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.   Press TRSF 117
     Display shows

     ```
     [201] BGM VOLUME
     VOLUME 13
     ```

2.   Enter in desired station number (eg., 205)
                OR
     Press UP or DOWN key to make selection
     and press RIGHT soft key
                OR
     Press ANS/RLS key to select all stations

     ```
     [ALL] BGM VOLUME
     VOLUME ??
     ```

3.   Enter in valid volume level (1-16) and
     press RIGHT soft key to return to step 2

     ```
     [ALL] BGM VOLUME
     VOLUME 06
     ```

4.   Press TRSF to store and exit
                OR
     Press SPK to store and advance to
     next MMC

DEFAULT DATA: **VOLUME LEVEL 13**
RELATED ITEMS: **SEE WARNING FOR CONNECTION TO RADIO OR MUSIC SOURCE**

MMC 118:   Keyset Ring Volume

DESCRIPTION:

Allows the station user the ability to assign a level for his/her station ringer volume. This level can also be set system-wide by the system administrator. There are eight levels of volume; level 1 is the lowest and level 8 is the highest.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 118
    Display shows

    ```
    [201] RING VOL.
    RING VOLUME 1
    ```

2. Dial station number (eg., 205)
                OR

    ```
    [205] RING VOL.
    RING VOLUME 1
    ```

    Use UP and DOWN to select station
    use RIGHT soft key to move
    cursor   OR
    Press ANS/RLS to select all stations

    ```
    [ALL] RING VOL.
    RING VOLUME ?
    ```

3. Enter value 1-8 (eg., 5)
                OR

    ```
    [205] RING VOL.
    RING VOLUME 5
    ```

    Press UP or DOWN key to make selection
    press
    RIGHT soft key to return to step 2
    Note: a short ring burst of selected value

4. Press TRSF to save and exit
                OR
    Press SPK to save and advance to next
MMC

DEFAULT DATA: **ALL STATIONS SET TO LEVEL 4**
RELATED ITEMS: **STATION USER PROGRAMMING**

MMC 119: Set CLIP Display

DESCRIPTION:

This MMC allows the technician to change the order in which the CLIP information ill be displayed on an LCD set. CLIP display options are the following:

0	NO DISPLAY	No CLIP data will be displayed.
1	NUMBER ONLY	The CLIP number received from the central office will be displayed first.
2	NAME ONLY	The CLIP name will be displayed first

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Save data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 119

```
[201] CLIP DISPLAY
NUMBER FIRST
```

2. Display shows first station current display mode Enter Station number
    OR

```
[201] CLIP DISPLAY
NUMBER FIRST
```

Press UP or DOWN to scroll through stations and Press the RIGHT soft key to select a station
    OR

```
[ALL] CLIP DISPLAY
?
```

Press ANS/RLS to select ALL

3. Dial display option 0,1 or 2
    Press UP or DOWN to select option and Press
    RIGHT or LEFT soft key to return to step 2

```
[201] CLIP DISPLAY
NUMBER FIRST
```

4. Press TRSF to store and exit
    OR
    Press SPK to save and advanced to next MMC

DEFAULT DATA :   NUMBER FIRST

RELATED ITEMS: NONE

MMC 121: Keyset Language

DCS 24, DCS 70 and DCS 200 Version 6.x software

DESCRIPTION:

Allows keyset users the ability to assign an LCD display based on user's own language.

0   ENGLISH
1   GERMAN
2   SPANISH

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 121
   Display shows

   ```
   [201] LANGUAGE
   ENGLISH
   ```

2. Dial keyset number (e.g., 205)
   OR
   Press UP or DOWN to select keyset and press RIGHT
   soft key
   OR
   Press ANS/RLS to select All

   ```
   [205] LANGUAGE
   ENGLISH
   ```

   ```
   [ALL] LANGUAGE
   ?
   ```

3. Dial 0,1 or 2 for language required
   OR
   Press UP or DOWN to select language and press
   RIGHT soft key.

   ```
   [205] LANGUAGE
   GERMAN
   ```

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: ENGLISH

RELATED ITEMS: Multi-Language

MMC 200:   Open Customer Programming

DESCRIPTION:

Used to open and close customer level programming. If programming is not opened and an attempt is made to access a system MMC, the error message [NOT PERMIT] will be displayed.
A four digit passcode is required to access this MMC. Each digit can be 0-9. When opened, this MMC enables access to all MMCs allowed in MMC 802 Customer Access MMC Number.

PROGRAM KEYS

UP & DOWN	Select open or closed
KEYPAD	Used to enter passcode
SPK	Save data and advance to next MMC
TRSF	Exit Programming

ACTION   **DISPLAY**

1. Press TRSF 200
    Display shows

    ```
    ENABLE CUS. PROG.
    PASSCODE : _
    ```

2. Enter passcode

    ```
    ENABLE CUS. PROG.
    PASSCODE :∗ ∗ ∗ ∗
    ```

    Correct code shows

    ```
    ENABLE CUS. PROG.
    DISABLE
    ```

    Incorrect code shows

    ```
    ENABLE CUS. PROG.
    PASSWORD ERROR
    ```

3. Press UP or DOWN arrow key to
    select ENABLE or DISABLE and
    Press RIGHT soft key
            OR
    Dial 1 for ENABLE, dial 0 for DISABLE

    ```
    ENABLE CUS. PROG.
    ENABLE
    ```

4. Press SPK to advance to MMC entry level
    and
    press UP or DOWN key to select MMC
            OR
    Enter MMC number and press RIGHT soft
    key to enter MMC.

    ```
    212: ALARM RING
    SELECT PROG. ID
    ```

5. To log out press TRSF key.

DEFAULT DATA: **CLOSED**
RELATED ITEMS: **MMC 201 CHANGE CUSTOMER PASSCODE**
                        MMC 802 CUSTOMER ACCESS MMC NUMBER

MMC 201:   Change Customer Passcode

DESCRIPTION:

Used to change the passcode allowing access to MMC 200 Open Customer Programming from its current value.

NOTE: The passcode is four digits long. Each digit can be 0-9. The current (old) passcode is required for this MMC.

PROGRAM KEYS

KEYPAD	Used to enter passcodes
SPK	Save data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 201

    ```
    CUST. PASSCODE
    NEW CODE : _
    ```

2. Enter new passcode via key dial pad
    (maximum four digits)

    ```
    CUST. PASSCODE
    NEW CODE : ∗ ∗ ∗ ∗
    ```

3. Verify new passcode via key dial pad

    ```
    CUST. PASSCODE
    VERIFY : SUCCESS
    ```

    PASSCODE verified
            OR
    PASSCODE failure
    Return to step 2

    ```
    CUST. PASSCODE
    VERIFY : FAILURE
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **PASSCODE = 1234**
RELATED ITEMS: **MMC 200 OPEN CUSTOMER PROGRAMMING**

MMC 202:   Change Feature Passcodes

DESCRIPTION:

Used to change the passcodes for several features. These features are the following: DAY/NIGHT, DISA ALARM, ALARM CLR and AA RECORD.

NOTE: The passcode is four digits long. Each digit can be 0-9. The current (old) passcode is not required for this MMC.

PROGRAM KEYS

KEYPAD	Used to enter passcodes
SPK	Save data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 202
    Display shows

    ```
    CHANGE PASSCODE
    DAY/NIGHT : 0000
    ```

2. Press UP or DOWN key to make selection
    Press RIGHT soft key to move cursor to
    passcode entry

    ```
    CHANGE PASSCODE
    ALARM CLR : 8765
    ```

3. Enter new passcode via digits from
    dial key pad

    ```
    CHANGE PASSCODE
    ALARM CLR : 9999
    ```

    Press RIGHT soft key to return to step 2
    Continue to change other passcodes

4. Press TRSF to store and exit
                    OR
    Press SPK to store and advance to
    next MMC

DEFAULT DATA: **DAY/NIGHT   0000**
                       DISA ALARM   5678
                       ALARM CLR   8765
                       AA RECORD   4321
                       DECT REGST   4321

RELATED ITEMS: **MMC 212 ALARM RINGING STATION**
                       MMC 410 ASSIGN DISA TRUNK
                       MMC 507 ASSIGN AUTO NIGHT TIME

MMC 203:   Assign UA Device

DESCRIPTION:

Assigns ringing device to be accessed when a Universal Answer (UA) key is pressed or the UA PICKUP code is dialled. To assign UA, assignment is made in MMC 601 Assign Station Group for a group and then the group is entered here. The UA device may be one of the two device types listed below. The device type is automatically determined by the directory number (DN) entered.

DIRECTORY NUMBER	DEVICE TYPE	DESCRIPTION
201-349	STATION	The UA device is a keyset or SLT.
3601-3602	ROP	Ring over page.
3801	COMMON BELL	The UA device is a common bell
500-529	STATION GROUP	The UA device is a station group.

The following refers to the DCS24 & DX408:

DIRECTORY NUMBER	DEVICE TYPE	DESCRIPTION
201–216 DCS24 21-28 DX408	STATION	The UA device is a keyset or SLT.
361	ROP	Ring over page.

NOTE: Only one of the above options can be selected. If the ability to ring more than one item (eg., all four external page zones) is required, a station group containing all four zone codes must be created.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter DN of selected device
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION		DISPLAY

1. Press TRSF 203
    Display shows current assignment

    ```
    ASSIGN UA PORT
    NONE - NO UA
    ```

2. Dial DN of UA device (eg., 205)
            OR
    Use UP and DOWN keys to scroll through available devices
    Press RIGHT soft key to return to this step

    ```
    ASSIGN UA PORT
    [205] - STATION
    ```

3. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next MMC

DEFAULT DATA:	NONE
RELATED ITEMS:	MMC 204 COMMON BELL CONTROL
	MMC 601 ASSIGN STATION GROUP
	MMC 605 ASSIGN EXTERNAL PAGE ZONE
DCS70 and DCS24/DX408	MMC 219 COMMON RELAY SERVICE TYPE

MMC 204: Common Bell Control

DESCRIPTION:

Determines whether the common bell relay contacts have an interrupted or continuous closure when activated. If interrupted is chosen, the relay follows an internal CO ring pattern of one second closed followed by three seconds open.

As default, all common bell relay pairs are assigned as 380X DCS, 381 Comp, 36X DCS 70, 362 DCS24 & DX408

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor
SPK	Used to store data and advance to next MMC

ACTION   DISPLAY

1. Press TRSF 204
    Display shows current setting

    ```
    [3801] COM. BELL
    CONTINUOUS
    ```

2. Dial common bell number
            OR
    Press UP or DOWN key to make selection of
    common bell numbers and press RIGHT
    soft key to advance cursor

    ```
    [3802] COM. BELL
    CONTINUOUS
    ```

3. Dial 0 for continuous or 1 for interrupted
    operation
            OR
    Use UP or DOWN to scroll through options
    Press RIGHT soft key to return to step 2
    above

    ```
    [3802] COM. BELL
    INTERRUPTED
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **CONTINUOUS**
RELATED ITEMS: **MMC 203 ASSIGN UA DEVICE**
                            MMC 601 ASSIGN STATION GROUP
DCS200 Version 6.x, DCS70,DCS24 &DX408 RELATED ITEM:
                            MMC 219 COMMON RELAY SERVICE TYPE

Note: There is only one common bell circuit per Trunk A card. A second Trunk A card would need to be installed for 3802 to be valid.

MMC 205:   Assign Loud Bell

DESCRIPTION:

Designates the station that controls the loud bell ring output of a Trunk A card. Each Trunk A card has one
loud bell output; these outputs are given a DN of 3901-3920 DCS, 363-365 DCS 70 and 362 DCS24 / DX408
as a default value to enable them to be assigned.

The loud bell will follow the ring cadence of the designated station. Only a station can be assigned to control
the loud bell; a station group cannot be assigned.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Clears previous entry

ACTION   **DISPLAY**

1. Press TRSF 205
    Display shows current setting

    ```
    [3901] LOUD BELL
    RING PAIR : NONE
    ```

2. Dial loud bell number (eg., 3902)
            OR
    Use UP or DOWN to scroll through loud
    bell numbers and press RIGHT soft key
    to move the cursor

    ```
    [3902] LOUD BELL
    RING PAIR : NONE
    ```

3. Enter station number (eg., 201)
            OR
    Press UP or DOWN key to make selection
            and
    press RIGHT soft key to return to step 2

    ```
    [3902] LOUD BELL
    RING PAIR : 201
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **UNASSIGNED**
RELATED ITEMS: **NONE**
DCS70 RELATED ITEM: **MMC 219 COMMON RELAY SERVICE TYPE**

Note: **This MMC is not applicable to DCS Compact System**

MMC 206: Barge-In Type

DESCRIPTION:

Sets the type of barge-in that is permitted. Note to allow a station to be barged in on you must set that Station's COS such that SECURE = NO, and the Barging station's COS OVERRIDE=YES

OPTION	TYPE OF BARGE IN	DESCRIPTION
0	NO BARGE-IN	Barge-in feature is unavailable regardless of a station 's barge-in status.
1	BARGE-IN WITH TONE	Barge-in will have an intrusion tone and display at the barged-in on station.
2	BARGE-IN WITHOUT TONE (See Note below)	Barge-in is allowed. There is no barge-in tone or display at the barged-in on station and the barging-in station will be muted

Note: Selecting Option 2, Barge In without Tone will contravene Austel requirements and therefore should not be selected.

PROGRAM KEYS
UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 206
    Display shows

    ```
    BARGE IN TYPE
    NO BARGE IN
    ```

2. Dial 0-2 to select barge-in type (eg., 2)
            OR
    Press UP or DOWN to select barge-in type
    and press RIGHT soft key

    ```
    BARGE IN TYPE
    WITHOUT TONE
    ```

3. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NO BARGE-IN**
RELATED ITEMS: **MMC 301 ASSIGN STATION COS**
                       MMC 701 ASSIGN COS CONTENTS

MMC 207: Assign VM/AA Port

DESCRIPTION:

Enables SLI ports to be designated as NORMAL or VMAA. VMAA ports will receive digits designated in MMC 726 VM/AA Options and will also receive a true disconnect signal upon completion of a call. Only SLI boards, not keystation daughter boards, support disconnect signal. Do not make VMAA ports data; this will return them back to a single line port and stop voice mail integration. VMAA ports have the equivalent of data protect written in the program and are protected against tones.

NOTE: This MMC is not to be used to assign Cadence voice mail card ports. The DCS automatically assigns Cadence voice mail ports when the DCS detects a Cadence or Cadence Lite card installed.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 207
    Display shows

    ```
    [209] VMAA PORT
    NORMAL PORT
    ```

2. Dial station number (eg., 205)
            OR
    Press UP or DOWN to select station
    and press RIGHT soft key to move cursor

    ```
    [205] VMAA PORT
    NORMAL PORT
    ```

3. Dial 1 or 0 to select port type,
    (1=VMAA; 0=NORMAL)
            OR
    Press UP or DOWN to select option and
    press
    RIGHT soft key to return to step 2

    ```
    [205] VMAA PORT
    VMAA PORT
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NORMAL PORT**
RELATED ITEMS: **MMC 726 VM/AA OPTIONS**
                     MMC 601 STATION GROUP

MMC 208:   Assign SLT Port Ring Type

DESCRIPTION:

Provides the flexibility to program SLT (Single Line Telephone) ports to have ICM ringing, CO ringing and data secure. With the many types of external ringing devices, all configurations can be met. All devices will also have a positive disconnect signal. Do not make VMAA ports data; this will return them to a normal port and stop voice mail integration.

OPTIONS

0	ICM RING	
1	CO RING	
2	DATA	

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.	Press TRSF 208 Display shows	```[209] RING TYPE``` ```ICM RING```
2.	Dial station number (eg., 205) OR Press UP or DOWN to select station and press right soft key to move cursor	```[205] RING TYPE``` ```ICM RING```
3.	Dial 1,2 or 0 to select port type OR Press UP or DOWN to select option and press Press LEFT or RIGHT soft key to return to step 2 above	```[205] RING TYPE``` ```DATA RING```
4.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: **ICM RING**
RELATED ITEMS: **NONE**

MMC 209:   Assign Add-On Module Master

DESCRIPTION:

Designates to which station an add-on module (AOM) is assigned. Not for Dx408.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
RELEASE	Used to store data and advance to next MMC
HOLD	Clears previous entry

ACTION   DISPLAY

1.   Press TRSF 209
     Display shows first AOM

```
[301] AOM MASTER
MASTER : NONE
```

2.   Dial AOM number
             OR
     Use UP or DOWN to scroll through AOM
     numbers and use soft keys to move the
     cursor

```
[301] AOM MASTER
MASTER : NONE
```

3.   Enter station number, eg.,(301)
             OR
     Use UP or DOWN for selection of
     station numbers

```
[301] AOM MASTER
MASTER : 201
```

4.   Press TRSF to store and exit
             OR
     Press SPK to store and advance to next
MMC

DEFAULT DATA: **NONE FOR MASTER**
RELATED ITEMS: **NONE**

MMC 210:   Customer On/Off per Tenant

DESCRIPTION:

Allows the System Administrator to set in the system features on a per-tenant basis listed below.

0.	DISA PSWD	It toggles ON and OFF to decide when accessing the DISA facility a DISA PASSCODE is required or not.
1.	LCR ENABLE	This will enable LCR feature to be worked in the system.
2.	PERI UCD SET	Periodic UCD Information provider. Enables UCD Statistics data on a per UCD group basis to print out on the IO port which has been set as SMDR or UCD REPT in real time (every 10 seconds). This allows the information to be manipulated by the external third-party provided Software package.
3.	SMDI VMS SET	Allows SMDI integration through RS-232 port for the external PC-based VM system. NOT USED in Version 5.x software or above
4	DISA MOH	Provides the option of presenting DISA callers with information supplied by the MOH source rather than DISA dial tone
5	SMDR MASK	When set to ON the last 2 digits of a telephone number is masked out on SMDR printout.
6	XFER MOH	When set to ON callers receive MOH instead of ring tone on all transferred calls.
7	DSP SSPDNAME	When set to ON LCD keysets will display the name of the SPEED DIAL bin in lieu of the number, where a name has been programmed. This **does not** apply when the Directory feature is used.
8	DDIfback→406	Allows DDI calls to busy destinations (with Call wait set to NO) to be routed to an assigned destination using MMC 406.
9	OPER RECALL	When set to OFF recalls will remain at the station that placed the call on hold or transferred the call rather than reverting to the Operator.
10	DID BSY ROUT	When selected station is busy, DID call can be routed to an assigned destination, in MMC 406, before the call is dropped.
11	DID NOT ROUT	When not connected or invalid station number is selected, DID call can be routed to an as assigned destination, in MMC 406, before the call is dropped out
12	ALL PICK UP	Independent Pickup group, can pick up the all calls
13	ARD TONE CHK	When system detects CO BUSY TONE from Central Office, return to autoredial state.
14	CONF TONE	If set to ON a Conference Tone is audible every CONFER TONE INT TM in MMC 501
15	VPN ENABLE	Enables the system to inter-work with the OPTUS VPN
16	ISDNTRK BUSY	If ON, when the destination group extensions for an incoming ISDN trunk call are all busy, the call is dropped out and outside caller will hear busy tone. This feature is only applied for ISDN Trunk. When the destination is a Station Group is set for Unconditional Mode, this feature will not be operate.
17	CID CODE INS	Allows the digit "1" to be automatically inserted for a toll call – Not used in Australia

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY

1. Press TRSF 210
    Display shows

```
TEN. ON AND OFF
LCR ENABLE :OFF
```

2. Press RIGHT soft key to move cursor

```
TEN. ON AND OFF
```

LCR ENABLE :OFF

3.   Dial 1 for ON or 0 for OFF
          OR
     Press UP or DOWN to make selection
     and press RIGHT soft key

TEN. ON AND OFF
LCR ENABLE :ON

4.   Dial option number 2 from above list
     at step 2.

     Press UP or DOWN to make selection and
     press RIGHT soft key

TEN. ON AND OFF
SMDI VMS SET : ON

5.   Press TRSF to store and exit
          OR
     Press SPK to store and advance to next
MMC

DEFAULT DATA: LCR IS OFF
**   PERI UCD SET IS OFF**
**   SMDI VMS SET IS OFF**
**   DISA PSWD IS ON**
RELATED ITEMS: NONE

MMC 211:   Door Ring Assignment

DESCRIPTION:

Designates which devices will ring when a door box button is pressed and which ring mode the devices will follow.

There are two types of device that can ring; these are listed below with their default directory numbers.

DEVICE   DEFAULT DIRECTORY NUMBER

Station   201-3XX   201-212 DCS24 21-28 DX408
Station group   500-529 DCS   500-519 DCS 70   500-509 DCS24 50-53 DX408

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Clears previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 211
    Display shows first door phone

    ```
    [229] DOOR RING
    D : 500         N:500
    ```

2. Dial door phone number (eg., 230)
            OR
    Press UP or DOWN to scroll through
    door phone numbers and use the RIGHT
    soft key to move cursor
            OR
    Press ANS/RLS to select all door ring

    ```
    [230] DOOR RING
    D : 500         N:500
    ```

3. Enter new DAY/NIGHT selection via dial key
    pad
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key

    ```
    [ALL] DOOR RING
    D : 500         N:500
    ```

4. Press RIGHT soft key to return to step 2
    above
            OR
    Press LEFT soft key to return to step 3
    above
            OR
    Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

    ```
    [250] DOOR RING
    D : 500         N:500
    ```

DEFAULT DATA: STATION GROUP 500 (50 DX408)
RELATED ITEMS: NONE

MMC 212:   Alarm Ringing Station

DESCRIPTION:

Used to determine which devices will be alerted when an alarm sensor is activated. The alerted device can be as follows:

Station   201-3XX
Station group   500-529   500-519

The above devices will ring like a door phone and follow the door ring time-out. When ringing, display keysets will show the display assigned in MMC 213 Alarm Message. The bottom line of the keyset display will give an option to clear the alarm. Ringing initiated by an alarm sensor is answered by going off-hook and on-hook again at a ringing keyset. If a device such as Ring Over Page or a common bell is the only device assigned to ring, it may be answered by assigning a direct pickup key with this device as the extender. If the alarm is unanswered by the door ring time-out, ringing will cease but the display will remain until cleared by dialling the alarm clear feature code (57) and passcode (default 8765).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1   Press TRSF 212
    Display shows first sensor

```
[3501] ALARM RING
D : 500          N : 500
```

2. Dial sensor number (eg., 3502)
            OR
    Use UP or DOWN to scroll through sensor
    numbers and press RIGHT soft key to
    advance cursor

```
[3502] ALARM RING
D : 500          N : 500
```

3. Enter valid ring destination (eg., 205)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to advance cursor
    to night destination and press RIGHT soft
    key

```
[3502] ALARM RING
D : 205          N : 500
```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **ALL SENSORS RING 500 DAY/NIGHT**
RELATED ITEMS: **MMC 213 ALARM MESSAGE**

Note: **This MMC is not applicable to DCS Compact System or the DCS24 / DX408 Systems**

MMC 213:   Alarm Message

DESCRIPTION:

Allows the assignment of a name to an alarm sensor. Names are written using the dial key pad. Each press of a key will select a character. Pressing the dial key will move the cursor to the next position. For example, if the sensor name is "FIRE," press the number "3" three times to get the letter "F." Now press the number "4" three times to get the letter "I." Continue selecting characters from the table below to complete your message.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right or the DOWN key to move the cursor left. A space can be entered by using these keys. Pressing the "A" key will change the letter from upper case to lower case.

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
A	Key 19, acts as toggle between upper case and lower case

ACTION   **DISPLAY**

1	Press TRSF 213 Display shows	[3501] ALARM NAME
2.	Dial ALARM number (eg., 3502) OR Press UP or DOWN key to make selection and press RIGHT soft key to move cursor	[3502] ALARM NAME _
3.	Enter in name using above method and table Press RIGHT soft key to return to step 2	[3502] ALARM NAME FIRE!
4.	Press TRSF to store and exit	

OR
Press SPK to store and advance to next
MMC

DEFAULT DATA: **NONE**
RELATED ITEMS: **MMC 212 ALARM RINGING STATION**
DCS70 NOTE: Only 1 alarm is available on the DCS70. Default number = 351.
Note: **This MMC is not applicable to DCS Compact System or the DCS24/DX408 Systems**

MMC 214:   DISA Alarm Ringing Station

DESCRIPTION:

Assigns the DISA alarm to ring at a specific phone. It is recommended that the person who can clear the alarm receive the notification. There can be two distinct stations for notification. Both a day and a night station can be selected. A valid destination can be either a station group (500-519/529) - or an individual station (201-3XX) (201-212 for DCS24).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1   Press TRSF 214
      Display shows

```
DISA ALARM RING
D : 500          N : 500
```

2.   Enter in valid day destination number
      (eg., 217)
              OR
      Press UP or DOWN key to make selection
      and press RIGHT soft key to advance cursor

```
DISA ALARM RING
D : 217          N : 500
```

3.   Enter in valid night destination number
      (eg., 249)
              OR
      Press UP or DOWN key to make selection
      and press RIGHT soft key to return to step 2

```
DISA ALARM RING
D : 217          N : 249
```

4.   Press TRSF to store and exit
              OR
      Press SPK to store and advance to next
      MMC

DEFAULT DATA: **DAY 500**   **NIGHT 500**
RELATED ITEMS: **NONE**

NOTE: **DISA ALARM is not applicable to DCS Compact system.**

MMC 215:   Dial by Voice Options

DESCRIPTION:

Assigns the VDIAL Card with two(2) channels and seven (7) users or one(1) channel and five (5) users. When changing channel size, you will be prompted to "clear RAM". This is only for Dial by voice not the system. This will prevent accidental usage of pre-recorded names. It is advised that you clear RAM prior to assignment of users in MMC 216. VDIAL Cards are numbered with ODD numbers, eg., the first VDIAL Card in system is numbered 3551, (3552) and the second VDIAL Card is numbered 3553, (3554) if only one channel is assigned, the even number (3552) will not appear in MMC 216.

OPTION :   0 :   2CH-7USER-20BIN   (7 USERS)
           1 :   1CH-5USER-40BIN   (5 USERS)

PROGRAM KEYS

UP & DOWN   Used to scroll through options
KEYPAD   Used to enter selections
SOFT KEYS   Move cursor left and right
SPK   Used to store data and advance to next MMC

ACTION   DISPLAY

1   Press TRSF 215
     Display shows

```
[3551] VDIAL OPTN
2CH-7USER-20BIN
```

2.   Enter dial voice number, eg., 3552, via dial
     keypad
              OR
     Press UP or DOWN key to make selection
     Press RIGHT soft key to move cursor

```
[3552] VDIAL OPTN
2CH-7USER-20BIN
```

3.   Select channel option by pressing
     UP or DOWN key to view selection
     Press RIGHT soft key to make selection

```
[3552] VDIAL OPTN
1CH-5USER-40BIN
```

4.   Enter 0 for NO or 1 for YES
              OR
     Press UP and DOWN key to view selection
     Press RIGHT soft key to make selection

```
[3552] VDIAL OPTN
CLEAR RAM? NO
```

```
[3552] VDIAL OPTN
CLEAR RAM? YES
```

5.   Press TRSF to store and exit
              OR
     Press SPK to store and advance
     to next MMC

DEFAULT DATA: **2CH-7USER-20BIN**

RELATED ITEMS: **MMC 216 VOICE DIALLER**
                        MMC 722 STATION KEY PROGRAMMING
                        MMC 723 SYSTEM KEY PROGRAMMING
                        MMC 724 DIAL NUMBER PLAN
                        KEYSET USER GUIDE

MMC 216:   Dial by Voice Assignment

DESCRIPTION:

Allows a station to be assigned to a channel of the Card VDIAL, to dial a personal speed dial number. The number of users assigned to this feature is controlled by MMC215 DIAL BY VOICE OPTIONS which will allow either two (2) channels with seven (7) users or one (1) channel with five (5) users.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 216
    Display shows

    ```
    [3551] VOICE DIAL
    USER 1 : NONE
    ```

2. Enter Dial by Voice number, eg., 3552
    via dial keypad
            OR
    Press UP or DOWN key to make selection
    Press RIGHT soft key to move cursor

    ```
    [3552] VOICE DIAL
    USER 1 : NONE
    ```

3. Enter user number (1-7/1-5) dependent on
    number of users allowed via MMC 215
            OR
    Press UP or DOWN key to make selection
    press RIGHT soft key to move cursor

    ```
    [3552] VOICE DIAL
    USER 5 : NONE
    ```

4. Enter station number (eg., 205) via dial
    keypad
            OR
    Press UP or DOWN key to make selection
    and
    press RIGHT soft key to return to step 3
    to continue with entries

    ```
    [3552] VOICE DIAL
    USER 5 : 205
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE
RELATED ITEMS: **MMC 215 DIALLER OPTION**
                          MMC 722 STATION KEY PROGRAMMING
                          MMC 723 SYSTEM KEY PROGRAMMING
                          MMC 724 DIAL NUMBER PLAN
                          KEYSET USER GUIDE

MMC 217:   CCC Option

Not For Australia

DESCRIPTION:

This MMC is used to select Call Cost Option and is related only with 131 Mercury service.

ACTION   **DISPLAY**

    1.   Press TRSF 217
           Display shows

    2.   Use UP or DOWN to scroll through options.

    3.   Press TRANSFER to store and exit
           or Press SPK to store and advance
           to next MMC

DEFAULT DATA: NONE
RELATED ITEMS: **MMC 313 ASSIGN PIN CODE**
                  MMC 717 PIN CODE

MMC 219: DCS70, DCS24 & DX408 Common Relay Service Type

DESCRIPTION:

This MMC is used to define the function of three common relays in the MISC card. Each relay can be used for one of the following:

0	EXTERNAL PAGE
1	COMMON BELL
2	LOUD BELL
3	NOT USE

Default DNs for common relays are 363-365 (DCS70), 362 (DCS24), 361 (DX408)

ACTION   **DISPLAY**

1. Press TRSF 219
   Display shows

   ```
   [363]RELAY TYPE
   NOT USE
   ```

2. Use UP or DOWN to scroll through options.

   ```
   [363]RELAY TYPE
   COMMON BELL
   ```

   ```
   [363]RELAY TYPE
   LOUD BELL
   ```

   ```
   [363]RELAY TYPE
   EXTERNAL PAGE
   ```

3. Repeat step 2 for next relay

   ```
   [364]RELAY TYPE
   NOT USE
   ```

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: **NOT USED for DCS70; External Page for DCS24**

RELATED ITEMS: **MMC 203 Assign UA Device**
                         MMC 204 Common Bell Control
                        MMC 205 Assign Loud Bell
                         MMC 605 Assign External Page Zone (DCS70 and DCS 200 Version 6.x software)

MMC 220:   ISDN SERVICE TYPE

DESCRIPTION:

Assign the ISDN service type of SLT port. Service consist of BC(Bearer Capability) and HLC(High Layer Capability).

	TYPE	DESCRIPTION	BC	HLC
0	VOICE	Voice service	Speech	Telephony
1	FAX 3	G3 FAX service	3.1kHz Audio	FAX G2/G3
2	AUDIO 3.1	3.1kHz Audio service	3.1kHz Audio	None
3	MODEM	MODEM service	3.1kHz Audio	Telephony

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 210
   Display shows

   ```
   [201] ISDN SVC
   VOICE
   ```

2. Enter the station number (e.g. 210)
   OR
   Press UP or DOWN to select station
   and press RGHT soft key

   ```
   [210] ISDN SVC
   VOICE
   ```

3. Select service type(0-3)
   OR
   Press UP or DOWN to select option
   and press RIGHT soft key

   ```
   210] ISDN SVC
   AUDIO 3.1
   ```

4. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to
   next MMC

DEFAULT DATA: VOICE

RELATED ITEMS: MMC 430 ISDN Number type & Plan

MMC 300:   Customer On/Off per Station

DESCRIPTION:

Allows the following features to be enabled on a per-station basis.

ACCESS DIAL   Determines whether a station can select a trunk or trunk group by dialling its directory
                   number (DN). This selection should be turned to off when using LCR.

MICROPHONE   Allows all keysets to be used in the speaker phone mode.

OFF HOOK RING   Will allow a short burst of ring tone to indicate another call.

SMDR PRINT   When SMDR PRINT is set to OFF, CO calls to and from this station will not be printed
                   on the SMDR. This includes transferred calls or calls picked up from hold or park.

TGR ADV.TONE   When this feature is set to ON, a warning tone will be heard each time LCR advances
                   to the next route

VMAA FORWARD   When this feature is set to ON, it will allow calls to be forwarded to voice mail.

STN CALL PRT   Allows print out station to station call.

FWD DLY USE   When this feature is set to ON, call is forwarded to No Answer Forward destination
                   even if No Answer Forward status is set to OFF. Under this condition the original
                   called party still remains ringing status.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1   Press TRSF 300   ┌─────────────────────────┐
     Display shows   │ [201] CUS. ON/OFF   │
                                             │ ACCESS DIAL : ON   │
                                             └─────────────────────────┘

2.   Dial station number (eg., 205)   ┌─────────────────────────┐
              OR   │ [205] CUS. ON/OFF   │
     Press UP or DOWN to select station   │ ACCESS DIAL : ON   │
              OR   └─────────────────────────┘
     Press ANS/RLS for all and press RIGHT soft   ┌─────────────────────────┐
     key to move cursor and advance to step 3   │ [ALL] CUS. ON/OFF   │
                                                  │ ACCESS DIAL : ON   │
                                                  └─────────────────────────┘

3.   Press UP or DOWN to select feature and ┌─────────────────────────┐
     press RIGHT soft key to move cursor and │ [205] CUS. ON/OFF   │
     advance to step 4   │ MICROPHONE : ON   │
                                             └─────────────────────────┘

4.   Press UP or DOWN to select ON/OFF and   ┌─────────────────────────┐
     press RIGHT soft key   │ [ALL] CUS. ON/OFF   │
                                             │ ACCESS DIAL : OFF   │
                                             └─────────────────────────┘

OR
Dial 1 for ON or 0 for OFF

5.   Press LEFT soft key to return to step 2
        Press RIGHT soft key to return to step 1
                OR
        Press TRSF to store and exit
                OR
        Press SPK to store and advance to next

**DEFAULT DATA: ALL FEATURES SET TO ON except STN CALL PRT and FWD DLY USE which
are set to OFF**

RELATED ITEMS: LCR PROGRAMMING

MMC 301: Assign Station COS

DESCRIPTION:

Used to assign day and night class of service to each keyset. There are 30 different classes of service that are defined in MMC 701 - Assign COS Contents. Classes of service are numbered 01-30.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1   Press TRSF 301
Display shows first station

```
[201] STN COS
DAY : 01        NIGHT : 01
```

2.   Dial station number (eg., 205)
        OR
Use UP and DOWN to scroll through stations
and press RIGHT soft key to advance to step
        OR
Use UP and DOWN to scroll through stations
and press LEFT soft key to advance to step
        OR
Press ANS/RLS to select all stations

```
[205] STN COS
DAY : 01        NIGHT : 01
```

```
[ALL] STN COS
DAY : 01        NIGHT : 01
```

3.   Enter day class of service (eg., 05)
        OR
Use UP and DOWN to scroll through classes
of service and press RIGHT soft key to
advance to step 4
        OR
Use UP and DOWN to scroll through classes
of service and press LEFT soft key to return
to step 2

```
[205] STN COS
DAY : 05        NIGHT : 01
```

4.   Enter night class of service (eg., 05)
        OR
Use UP and DOWN to scroll through classes
of service and press RIGHT soft key to
        return to step 2
        OR
Use UP and DOWN to scroll through classes
of service and press Left soft key to return
to step 3

```
[205] STN COS
DAY : 05        NIGHT : 05
```

5.   Press TRSF to save and exit
        OR
Press SPK to save and advance to next
MMC

DEFAULT DATA: **DAY CLASS = 01**
                             NIGHT CLASS = 01

RELATED ITEMS: **MMC 701 ASSIGN COS CONTENTS**

MMC 302: Pickup Groups

DESCRIPTION:

Allows the assignment of stations into call pickup groups. There is a maximum of 20 pickup groups. An unlimited number of members can belong to each group. Stations can only be in one pickup group.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1	Press TRSF 302 Display shows	[201] PICKUP GRP PICKUP GRP : 01

2.	Dial station number (eg., 205)
	          OR
	Use UP or DOWN to select station number
	and press RIGHT soft key
	          OR
	Press ANS/RLS key to select all
		[205] PICKUP GRP
		PICKUP GRP : 01
		
		[ALL] PICKUP GRP
		PICKUP GRP : ??

3.	Dial pick up group number OR Press UP or DOWN to select group number	[205] PICKUP GRP PICKUP GRP : 05

4.	Press RIGHT soft key to return to step 2
	above
	          OR
	Press LEFT soft key to return to step 3
	above
	          OR
	Press TRSF to store and exit
	          OR
	Press SPK to store and advance to next
	MMC	

DEFAULT DATA: **01**

RELATED ITEMS: **MMC 107 KEY EXTENDER**
                          MMC 722 STATION KEY PROGRAMMING
                          MMC 723 SYSTEM KEY PROGRAMMING

MMC 303: Assign Boss/Secretary

DESCRIPTION:

Assigns BOSS keysets to SECRETARY keysets. One BOSS station can have up to four SECRETARY stations and one SECRETARY station can have up to four BOSS stations. A dedicated BOSS button must be programmed on the SECRETARY keyset(s). A dedicated BOSS button must be programmed on the BOSS keyset.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL
F BUTTON	Used to toggle BOSS/SECRETARY field

ACTION   **DISPLAY**

1. Press TRSF 303
    Display shows

    ```
    BOSS STN : NONE
    SECR 1 : NONE
    ```

2. Dial station number (eg., 205)
        OR
    Press UP or DOWN to selected station and
    press RIGHT soft key, to advance cursor
    to step 3

    ```
    BOSS STN : 205
    SECR 1 : NONE
    ```

    ```
    BOSS STN : [205]
    SECR 1 : NONE
    ```

3. Dial station number (eg., 201)
        OR
    Press UP or DOWN to selected station and
    press RIGHT soft key to return to step 3

    ```
    BOSS STN : [205]
    SECR 1 : [201]
    ```

4. Press LEFT soft key to return to step 2 and
    continue entries
        OR
    Press TRSF to store and exit
        OR
    Press SPK to store and advance to next
    MMC

    ```
    BOSS STN : [205]
    SECR 2 : [202]
    ```

DEFAULT DATA: **None**

RELATED ITEMS: **MMC 722 Station Key Programming**

MMC 304:   Assign Extension/Trunk Use

DESCRIPTION:

Allow trunks the ability on a per-station basis to answer incoming Trunk calls, to dial out on Trunk or to do both. If a station is set to NO Dial, the station will not have the ability to make a call. If the station is set to NO Answer, the station cannot answer an incoming call on that Trunk.

NOTE: MMC 406 Trunk Ring Assignment overrides this MMC for the Answer option.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1   Press TRSF 304
    Display shows

```
[201]   USE    [701]
DIAL : YES     ANS : YES
```

2. Dial the station number (eg., 205)
            OR
    Press UP or DOWN key to select station and
    press RIGHT soft key to advance to step 3

```
[205]   USE    [701]
DIAL : YES     ANS : YES
```

3. Dial the trunk ID number (eg., 704)
            OR
    Press UP or DOWN key to select trunk and
    press RIGHT soft key to advance to step 4

```
[205]   USE    [704]
DIAL : YES     ANS : YES
```

4. Press UP or DOWN key to select YES/NO
    option
            OR
    Dial 1 for YES or 0 for NO and press RIGHT
    soft key to move cursor to ANS option
    Press UP or DOWN key to select YES/NO
    option
            OR
    Dial 1 for YES or 0 for NO and press
    RIGHT soft key to return to step 2

```
[205]   USE    [704]
DIAL : NO      ANS : YES
```

```
[205]   USE    [704]
DIAL : NO      ANS :YES
```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **DIAL = Yes**
                       ANS = Yes

RELATED ITEMS: **MMC 406 Trunk Ringing Assignment**
                       MMC 722 Station Key Programming
                       MMC 723 System Key Programming

MMC 305: Assign Forced Code

DESCRIPTION:

Allows the assignment of either account or authorisation codes on a per-station basis or on an all-station basis.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

FEATURE KEYS

0	NONE
1	AUTHORISE
2	ACCOUNT

ACTION   **DISPLAY**

1. Press TRSF 305
   Display shows

   ```
   [201]    FORCD CODE
   NONE
   ```

2. Dial station number (eg., 205)
            OR
   Press UP or DOWN key to select station and
   press RIGHT soft key to move cursor and
   advance to step 3

   ```
   [205]    FORCD CODE
   NONE
   ```

3. Dial a feature option 0-2, eg., 2
            OR
   Press UP or DOWN key to select option
   and press RIGHT soft key to return step 2

   ```
   [205]    FORCD CODE
   ACCOUNT CODE
   ```

4. Press TRSF to store and exit
            OR
   Press SPK to store and advance to next
   MMC.

DEFAULT DATA: **None**

RELATED ITEMS: **MMC 707 Authorisation Code**
                       MMC 708 Account Code

MMC 306:   Hot Line

DCS 200 Version 1.x to 5.x software and DCS Compact

DESCRIPTION:

Allows the DCS to have a Hot Line for INTERNAL USE ONLY. If an external number is to be dialled, use MMC 307 Assign Off-Hook Selection. A destination can be either a station or station group.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

   1.   Press TRSF 306
       Display shows
       Dial Station number
           OR
       Press UP or DOWN use up down keys to
       select station and press RIGHT soft key to
       advance cursor

```
[201]    HOT LINE
NONE
```

   2.   Dial station number to receive Hot Line calls
       via dial pad keys
           OR
       Press UP or DOWN to make selection and
       press RIGHT soft key to return to step 1

```
[201]    HOT LINE
202
```

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 307 ASSIGN OFF-HOOK SELECTION**

MMC 306: Hot Line

DCS 70, DCS 24 & DCS 200 Version 6.x software

DESCRIPTION:

Allows a station to make an intercom call to a station or station group. Alternatively, it seizes a trunk to allow a station the ability to make a predetermined outgoing call, upon the expiration of a timer (see MMC 501 System Timers, Off-Hook Selection Timer). A maximum of 18 digits may be dialled with pauses, flash added in the dial string (the access code for the trunk is not counted).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 306 Display shows Press RIGHT soft key to advance cursor	```[201] HOT LINE``` ```NONE```
2. Enter station number via dial keypad (eg 202) OR Press UP or DOWN to make selection and press RIGHT soft key to return to step 1	```[201] HOT LINE``` ```202```
Enter trunk ID (eg 701) followed by max 18 digits	```[201] HOT LINE``` ```701-1305P4264100```

DEFAULT DATA: None

RELATED ITEMS: None

MMC 307: Assign Off-Hook Selection

DESCRIPTION:

Allows a station the ability to make a predetermined outgoing call, eg., 000, upon the expiration of a timer (see MMC 501 System Timers, Off-Hook Selection Timer). There is a maximum of 18 digits dialled with pauses, FLASH, and Decadic to DTMF dial mode change may be included in the dial string. The access code for the trunk is not counted.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
B	Used to insert a flash code "F"
C	Used to insert a pause code "P"
D	Used to insert a pulse/tone conversion code "C"
E	Used to mask/unmask following digits - shows as "[ ]" whilst programming, and "∗" on station when using this facility.

ACTION   DISPLAY

1. Press TRSF 307
    Display shows

        ┌─────────────────────────────┐
        │ [201]   OFFHK   SEL.   │
        │   │
        └─────────────────────────────┘

2. Dial station number
                OR
    Use UP or DOWN to scroll through station
    numbers and press RIGHT soft key to move
    the cursor

        ┌─────────────────────────────┐
        │ [205]   OFFHK   SEL.   │
        │ _   │
        └─────────────────────────────┘

3. Dial telephone number with an access code
    or trunk ID (eg., 0 or 701) with a maximum
    of 18 outgoing digits after the access code
    (see above list of options if needed)
    Bottom row of program keys are options
    B-E. Press RIGHT soft key to
    advance cursor to step 4

        ┌─────────────────────────────┐
        │ [205]   OFFHK   SEL.   │
        │ 0-1305P4264100_   │
        └─────────────────────────────┘

4. Dial a 1 for YES or 0 for NO
            OR
    Press UP or DOWN key to select YES/NO
    option.
    Press RIGHT soft key to return to step 2

        ┌─────────────────────────────┐
        │ [205]   OFFHK   SEL.   │
        │ CURRENTLY SET : YES   │
        └─────────────────────────────┘

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA: CURRENTLY SET = NO

RELATED ITEMS: MMC 501 SYSTEM TIMERS, OFF-HOOK SELECTION TIMER

MMC 308: Assign Background Music Source

DESCRIPTION:

Assigns a background music source to the DCS keysets. The DCS supports 1 music source per Trunk A card installed in the system. The system must have a Trunk A card installed to provide a BGM source. The default directory number of a background music source is 3701-3738.
NOTE: Internal music is always the odd numbered address, ie., 3701, 3703 and the external music source is always the even numbers ie. 3702, 3704.
On Version 5.X DCS software a trunk port of an 8TRK CID card can be used as a BGM port ie. 7XX
On the DCS 70 & Compact there are 3 possible sources: None, 371,372. On the DCS24 the music source is on the base board (switch select internal/external). The default directory number of the DCS24 background music source is 371.

You may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the card. If selected, the BGM source will be the message defined in MMC 736 from the port defined in this MMC. When MOH MSG number does not defined in MMC 736, that AA port number will not be selected in this MMC.

If you have a CADENCE Voice Mail System installed you may also select a CADENCE recording as a music. The recording must already been defined in MMC 756 and will show up here as the CADENCE port assigned with the recording.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 308
    Display shows current setting

    ```
    [201]   BGM SOURCE
    BGM SOURCE : NONE
    ```

2. Dial keyset number (eg., 205)
            OR
    Use UP or DOWN to scroll through keyset
    numbers and press RIGHT soft key to move
     the cursor
            OR
    Press ANS/RLS to select all stations

    ```
    [205]   BGM SOURCE
    BGM SOURCE : NONE
    ```

    ```
    [ALL]   BGM SOURCE
    BGM SOURCE : ?
    ```

3. Enter source number (eg., 3701)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to return to step 2

    ```
    [205]   BGM SOURCE
    BGM SOURCE : 3701
    ```

4. Press TRSF to store and exit
            OR
        Press SPK to store and advance to

DEFAULT DATA: NONE apart from DCS24 - 371

RELATED ITEMS: **MMC 309 ASSIGN STATION MUSIC ON HOLD**
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
MMC 400 TRUNK ON & OFF
MMC 736 ASSIGN AA MOH
MMC 756 ASSIGN VM MOH

MMC 309:   Assign Station Music on Hold

DESCRIPTION:

Assigns a on hold music source to the DCS keysets. The DCS supports 1 music source per Trunk A card installed in the system.. The default directory number of the source is 3701-3738.
NOTE: Internal music is always the odd numbered address, ie., 3701, 3703 and the external music source is always the even numbers ie. 3702, 3704.

On Version 5.X DCS software a trunk port of an 8TRK CID card can be used as a MOH port ie. 7XX
On the DCS 70 & Compact there is 3 possible sources: None, 371,372. 371 is via the motherboard and can be used for either Internal or External, 372 is via the MISC card and is an external source only. On the DCS24 there are four possible selections for each music source: TONE, NONE, INTERNAL and EXTERNAL (customer–provided MOH source and switch select internal/external).

In addition to "TONE" or a external music source, you may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the card. If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

For example, if this MMC selects 201's music source as 384 (the last port on the MISC2 card) and MMC 736 selects Message 20 for the MISC2 card, when extension 201 is placed on hold, 201 will hear Message 20 from the MISC2 card

If you have a CADENCE Voice Mail System installed you may also select a CADENCE recording as a music source. The recording must already been defined in MMC 756 and will show up here as the CADENCE port assigned with the recording.

OPTIONS

TONE
NONE
37X(X)
7XX - DCS Version 5.X software only

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION		DISPLAY
1.	Press TRSF 309 Display shows current setting	[201] MOH SOURCE MOH SOURCE : TONE
2.	Dial keyset number (eg., 205) OR Use UP or DOWN to scroll through keyset numbers and press RIGHT soft key to move the cursor OR	[205] MOH SOURCE MOH SOURCE : TONE
	Press ANS/RLS to select all stations	[ALL] MOH SOURCE MOH SOURCE : ?
3.	Enter source number (eg., 3701)	[205] MOH SOURCE

<div align="right">

MOH SOURCE : 3701

</div>

OR
Press UP or DOWN key to make selection
and press RIGHT soft key to return to step 2

4.   Press TRSF to store and exit
                OR
         Press SPK to store and advance to next MMC

DEFAULT DATA: **NONE**
RELATED ITEMS: **MMC 308 ASSIGN BACKGROUND MUSIC SOURCE**
                                    MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE

MMC 310:   LCR Class of Service

DESCRIPTION:

Assigns the LCR (Least Cost Routing) class of service for each station. There are eight classes which may be assigned.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 310
    Display shows

    ```
    [201]   LCR CLASS
    LCR CLASS  1
    ```

2. Dial station number (eg., 205)
            OR
    Press UP or DOWN to select station and
    press RIGHT soft key to move cursor
            OR
    Press ANS/RLS to select all station

    ```
    [205]   LCR CLASS
    LCR CLASS  1
    ```

    ```
    [ALL]   LCR CLASS
    LCR CLASS  ?
    ```

3. Dial 1-8 to select class type
            OR
    Press UP or DOWN to select class type and
    press RIGHT soft key to return to step 2
    above

    ```
    [205]   LCR CLASS
    LCR CLASS  3
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **LEAST COST ROUTING COS 1**

RELATED ITEMS: **LCR PROGRAMMING**

MMC 311:   Assign SIM Parameter

DESCRIPTION:

Assigns and sets parameters for the serial interface module (SIM).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1.   Press TRSF 311
Display shows

```
[256] SIM PARA.
SIM TYPE      :DTE
```

2.   Enter station number of SIM (eg., 257)
from dial key pad
       OR
Press UP or DOWN key to make selection
and
press RIGHT soft key to move cursor

```
[257] SIM PARA.
SIM TYPE      :DTE
```

3a.   Enter desired selection from table "A:
(eg., 01)
       OR
Press UP or DOWN key to make selection
And press RIGHT soft key to move cursor

```
[257] SIM PARA.
CALL MODE     : MANUAL
```

3b.   Enter desired selection from table "D"
(eg., 02)
       OR
Press UP or DOWN key to make selection
and press RIGHT soft key to move cursor to
step 4

```
[257] SIM PARA.
ANS MODE      : MANUAL
```

3c.   Enter desired selection from table "E"
(eg., 03)
       OR
Press UP or DOWN key to make selection
And press RIGHT soft key to move cursor to
step 4

```
[257] SIM PARA.
AUTO BAUD     : ON
```

3d.   Enter desired selection from table "F"
        (eg., 04)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
DTR CHECK    : ON
```

3e.   Enter desired selection from table "G"
        (eg., 05)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
ECHO         : ON
```

3f.   Enter desired selection from table "H"
        (eg., 06)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
PROTOCOL     : V110
```

3g.   Enter desired selection from table "I"
        (eg., 07)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
SPEED        : 9600
```

3h.   Enter desired selection from table "J"
        (eg., 08)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
CHAR LENG    : 8 BITS
```

3i.   Enter desired selection from table "K"
        (eg., 09)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
PARITY       : NONE
```

3j.   Enter desired selection from table "L"
        (eg., 10)
                OR
        Press UP or DOWN key to make selection
        and press RIGHT soft key to move cursor to
        step 4

```
[257] SIM PARA.
STOP BIT     : 1
```

4.   Enter desired selection from table
        "C" (eg., 1)
                OR
        Press UP or DOWN key to make selection
        and press LEFT soft key to move cursor
        back to step3, and continue entries
                OR
        Proceed to step 5

```
[257] SIM PARA.
CALL MODE    : AWITH
```

5.   Press TRSF to store and exit

OR
Press SPK to store and advance to next
MMC

TABLE A
SIM PARAMETERS

00	SIM TYPE	=	Table B
01	CALL MODE	=	Table C
02	ANS MODE	=	Table D
03	AUTO BAUD	=	Table E
04	DTR CHECK	=	Table F
05	ECHO	=	Table G
06	PROTOCOL	=	Table H
07	SPEED	=	Table I
08	CHAR LENGTH	=	Table J
09	PARITY	=	Table K
10	STOP BIT	=	Table L

TABLE B. SIM TYPE
0   HOST
1   MODEM
2   DTE
3   PRT

TABLE C. CALL MODE
0   MANUAL
1   AUTO WITH
2   AUTO WITHOUT

TABLE D. ANS MODE
0   MANUAL
1   AUTO

TABLE E. AUTO BAUD
0   OFF
1   ON

TABLE F. DTR CHECK
0   OFF
1   NO

TABLE G. ECHO
0   OFF
1   ON

TABLE H. PROTOCOL
0   V110
1   V120

TABLE I. SPEED TABLE
0   300
1   600
2   1200
3   2400
4   4800
5   9600
6   19200
7   38400
8   48000
9   56000

TABLE J. CHAR LENGTH
0   8
1   7
2   6
3   5

TABLE K. PARITY TABLE

0   NONE
1   ODD
2   EVEN

TABLE L. STOP BIT

0   1
1   1.5
2   2

DEFAULT DATA:

SIM TYPE   **=**   **DTE**
CALL MODE   **=**   **MANUAL**
ANS MODE   **=**   **MANUAL**
AUTO BAUD   **=**   **ON**
DTR CHECK   **=**   **ON**
ECHO   **=**   **ON**
PROTOCOL   **=**   **V110**
SPEED   **=**   **9600**
CHAR LENG   **=**   **EIGHT BITS**
PARITY   **=**   **NONE**
STOP BIT   **=**   **1**

RELATED ITEMS: **MMC 804 SYSTEM I/O PARAMETER**

MMC 312:   Allow CLIP

DESCRIPTION:

Allows the system administrator or technician to either:
> ⇒ allow or prevent receipt of CLIP data from the network

OR
> ⇒ allow or restrict sending of CLIP data, including type of data, to the network.

Each keyset can have the following options:

SEND: YES   - request the network to send Caller ID when outgoing call is made.
          NO   - request the network NOT to send Caller ID when outgoing call is made.

RCV: YES   - allow display of CID data at LCD 24B and LCD 12B keysets.
          NO   - prevent display of CID data at LCD 24B and LCD 12B keysets.

INFO: CLIP data to be sent to the network
         0. C.O Tel. – as defined in MMC 405
         1. Ext Number – Not used
         2. C.O Tel+Ext Number – not used
         3. DID number – area code in single digit format (no leading 0) must be programmed in
           MMC 718

ACTION		DISPLAY
1.	Press TRSF 312 Display shows	[201] CLIP RCV : YES SND: YES
2.	Dial STATION NUMBER (eg., 205) OR Press UP or DOWN to select station and press right soft key to move cursor OR	[205] CLIP RCV : YES SND: YES
	Press ANS/RLS to select all	[ALL] CLIP RCV : YES SND: YES

3.	Dial 0 or 1 to select option
	        OR
	Press UP or DOWN to select option
	        OR
	and press right soft key to return to move
	cursor to INFO field
		[205] CLIP
		RCV : NO SND: YES

4.	Dial 0-3 to select option OR Press UP or DOWN to select option and press right soft key to move the cursor to step 2	[205] ALLOW CLIP INFO: C.O Tel. [ALL] ALLOW CLIP INFO: C.O Tel.
5.	Press TRSF to store and exit OR Press SPK to save and advance to next	

MMC

DEFAULT DATA :   **CLIP ALLOWED**

RELATED ITEMS: **MMC 119 CLIP Display**

MMC 405 Trunk Number
MMC 414 Assign CLIP Trunks
MMC 718 My Area Code

MMC 314:   CONFIRM OUTGOING CALL

DESCRIPTION:

Sets on a station basis whether the station user after dialling a restricted number is disconnected or is provided with a tone prior to disconnection.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

FEATURE KEYS

0   NONE
1   CONFIRM TONE
2   DISCONNECT

	ACTION	DISPLAY
1.	Press TRSF 314 Display shows	[2]01] CO CONFIRM NONE
2.	Dial station number (e.g., 205) OR Press UP or DOWN key to select station and press RIGHT soft key to move cursor	[205] CO CONFIRM NONE
3.	Dial a feature option 0–2 (e.g., 2) OR Press UP or DOWN key to select option and press RIGHT soft key to return step 2	[205] CO CONFIRM CONFIRM TONE
4.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: **None**

RELATED ITEMS: **MMC 501 System wide Timer**

MMC 315:   Set Relocation

Applies to all software versions of the DCS 70, DCS 24 and to DCS Version 6 software.

DESCRIPTION:

Used to relocate a station to another location (different port). All the previous data are moved to the new location automatically.

ACTION	DISPLAY

1. Press TRSF 315
   Display shows

```
SET RELOCATION
EXT_    EXT
```

2. Dial the original station number (e.g. 205)
   OR
   Press UP or DOWN key to select station and press RIGHT soft key

```
SET RELOCATION
EXT205  EXT
```

3. Dial the new location's station number (e.g. 210)

```
SET RELOCATION
EXT205  EXT210
```

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: None

RELATED ITEMS: None

MMC 316:   Copy Station Usable

Applies to all software versions of the DCS 70, DCS 24 and to DCS Version 6 software. Not for DX408.

DESCRIPTION:

Copy the condition of station/trunk usability and station/station usability from one station to another station.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 316
    Display shows

    ```
    [2̲01] CPY USABLE
    FROM:NONE
    ```

2. Enter destination station number (e.g. 205)
    OR
    Press UP or DOWN key to make selection and press RIGHT
    soft key to move cursor

    ```
    [2̲05] CPY USABLE
    FROM:NONE
    ```

3. Enter the source station number (e.g. 210)
    OR
    Press UP or DOWN key to make selection and press RIGHT
    soft key to move cursor

    ```
    [2̲05] CPY USABLE
    FROM:210
    ```

4. Press TRSF to store and exit
    OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: None

RELATED ITEMS: **MMC 304 Assign Station/Trunk Use**
                          MMC 317 Assign Station/Station Use

MMC 317:   Assign Station\Station Usable

Applies to all software versions of the DCS 70, DCS 24 and to DCS Version 6.x software.

DESCRIPTION:

Used to control whether a station can dial, and/or answer calls for specific stations.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 317
    Display shows

    ```
    [201] USE [201]
    DIAL:YES ANS:YES
    ```

2. Dial the station number (e.g., 205)
    OR
    Press UP or DOWN key to select station and press RIGHT
    soft key
    OR
    Press ANS/RLS to select all stations

    ```
    [205] USE [201]
    DIAL:YES ANS:YES
    ```

3. Dial the station number (e.g., 204)
    OR
    Press UP or DOWN key to select station and press RIGHT
    soft key

    ```
    [205] USE [204]
    DIAL:YES ANS:YES
    ```

4. Dial 1 for YES or 0 for NO
    OR
    Press UP or DOWN key to select YES/NO and press RIGHT
    soft key to move cursor

    ```
    [205] USE [204]
    DIAL:NO ANS:YES
    ```

5. Dial 1 for YES or 0 for NO
    OR
    Press UP or DOWN key to select YES/NO and press RIGHT
    soft key to return cursor to step 2

    ```
    [205] USE [204]
    DIAL:NO ANS:NO
    ```

6. Press TRSF to store and exit
    OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: **DIAL**   **Yes**
                      ANS   **Yes**

RELATED ITEMS: **MMC 316 Copy Station Usable**

MMC 318:   Distinctive Ring

Applies to all software versions of the DCS 70, DCS 24 and to DCS Version 6 software.

DESCRIPTION:

This sets the distinctive tone received by the called keyset. You can set both tone (T) and cadence (C) to one of eight ring values (1-8), or to follow the calling station ring (F-STN).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 318
   Display shows

   ```
   [201] DIST.RING
   T:F-STN  C:F-STN
   ```

2. Dial station number (e.g., 205)
   OR
   Press UP or DOWN to select station and press right
   soft key to move cursor

   ```
   [205] DIST.RING
   T:F-STN  C:F-STN
   ```

3. Press UP or DOWN to select T value (e.g. 1) and press
   right soft key to move cursor to C field

   ```
   [205] DIST.RING
   T:1     C:F-STN
   ```

4. Press UP or DOWN to select C value
   (e.g. 2)

   ```
   [205] DIST.RING
   T:1     C:2
   ```

5. Press TRSF to store and exit
   OR
   Press SPK to save and advance to next MMC

DEFAULT DATA :
                        T: F-STN
                        C: F-STN

RELATED ITEMS: **None**

MMC 319:   Assign Branch Group

Applies to all software versions of the DCS 70, DCS 24 and to DCS Version 6 software.

Description:

Assigns stations to specific branch groups. If a call is presented at a station which a member of branch group 01 other members of branch group 01 can answer that call by going off hook.

It is advisable that members of branch groups utilise the 'Hot Keypad' feature for originating calls as going off-hook could answer calls ringing a other members of specific branch groups.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION

DISPLAY

1. Press TRSF 319
   Display shows

   ```
   [201]   BRANCH GROUP
   BRANCH GRP: NONE
   ```

2. Dial station number (e.g., 205)
   OR
   Press UP or DOWN to select station and press right
   soft key to move cursor

   ```
   [205]   BRANCH GROUP
   BRANCH GRP: NONE
   ```

3. Enter branch group number 01-20
   This will return the cursor to step 1

   ```
   [205]   BRANCH GROUP
   BRANCH GRP: 01
   ```

5. Press TRSF to store and exit
   OR
   Press SPK to save and advance to next MMC

DEFAULT DATA: **ALL STATIONS ARE UNASSIGNED**

   RELATED ITEMS: NONE

MMC 400:   Customer On/Off per Trunk

DESCRIPTION:

Assigns several options(listed below) on a per-trunk basis.

NOTE: 1A2 Emulation means a third party can join an existing Trunk conversation by pressing the relevent DTS key for the line on their keyset.

OPTIONS

0	1A2 EMULATION	Trunk override call (NO PRIVACY)
1	TRUNK INC DND	Allows trunk to override DND (DIL)
2	TRUNK FORWARD	Allows trunk to be forwarded
3	LCR ALLOW	Allows LCR to be used on a Trunk by Trunk basis

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 400
    Display show

    ```
    [701] TRK ON/OFF
    1A2 EMULATE : OFF
    ```

2. Dial trunk number (eg., 704)
            OR

    ```
    [704] TRK ON/OFF
    1A2 EMULATE : OFF
    ```

    Press UP or DOWN key to select trunk
            OR
    Press ANS/RLS for all trunks and press
    RIGHT soft key to move cursor to options

    ```
    [ALL] TRK ON/OFF
    1A2 EMULATE : OFF
    ```

    Dial option number from above list (0-3)
            OR
    Press UP or DOWN key to select option and
    press RIGHT soft key to move cursor

    ```
    [704] TRK ON/OFF
    TRK FORWARD : ON
    ```

3. Dial 1 for ON or 0 for OFF
            OR

    ```
    [704] TRK ON/OFF
    TRK FORWARD : OFF
    ```

    Press UP or DOWN key to select ON/OFF
    and press RIGHT soft key to return to step 2
    Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **1A2 EMULATE - OFF**
                      TRUNK INC DND - OFF
                      TRUNK FORWARD - ON
                      LCR Allow - OFF

RELATED ITEMS: **NONE**

MMC 401:   CO/PBX Line

DESCRIPTION:

Used to select the mode of the CO line. If the PBX mode is chosen, this allows PBX access codes to be recognised, thus allowing more complete toll restriction. This mode is assigned on a per-trunk basis. If a trunk requires the use of the RECALL key, it must be set to PBX mode.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 401
    Display shows

    ```
    [701]    PBX LINE
    CO LINE
    ```

2. Dial trunk number (eg., 704)
            OR
    Use UP or DOWN to scroll through trunk
    numbers and press RIGHT soft key to move
     cursor
            OR

    ```
    [704]    PBX LINE
    CO LINE
    ```

    Press ANS/RLS to select ALL

    ```
    [ALL]    PBX LINE
    ?
    ```

3. Dial 1 for PBX or 0 for CO
            OR
    Use UP or DOWN to scroll through options
    Press RIGHT soft key to return to step 2
    above

    ```
    [704]    PBX LINE
    PBX LINE
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **ALL TRUNKS CO LINE**

RELATED ITEMS: **NONE**

MMC 402:   Trunk Dial Type

DESCRIPTION:

Used to determine the dialling type of each CO line. There are two options: Decadic and Dual Tone Multi Frequency (DTMF).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 402
    Display show

    ```
    [701] DIAL TYPE
    DTMF TYPE
    ```

2. Dial trunk number (eg., 704)
            OR
    Use UP or DOWN to scroll through trunk
    numbers and press RIGHT soft key to
    move the cursor
            OR

    ```
    [704] DIAL TYPE
    DTMF TYPE
    ```

    Press ANS/RLS to select ALL

    ```
    [ALL] DIAL TYPE
    ?
    ```

3. Dial 1 for PULSE or 0 for DTMF
            OR
    Use UP or DOWN to scroll through options
    Press RIGHT soft keys to return to step 2
    above

    ```
    [704] DIAL TYPE
    DIAL PULSE TYPE
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **ALL TRUNKS DTMF**

RELATED ITEMS: **MMC 501 SYSTEM TIMERS**
                               MMC 503 TRUNK-WIDE TIMER

MMC 403:   Trunk Toll Class

DESCRIPTION:

Assigns toll class level assignments on a per-trunk or all-trunk basis in a day or night condition. The options for toll level will follow the either station class or the class of service defined in MMCs 702 Toll Deny Table and 703 Toll Allowance Table. The toll classes that are available are listed below with their entry numbers.

ENTRY NUMBER	CLASS TYPE	DESCRIPTION
0	F-STN	Follow station toll restriction
1	CLS-A	Class A Unrestricted
2	CLS-B	Follow toll class B
3	CLS-C	Follow toll class C
4	CLS-D	Follow toll class D
5	CLS-E	Follow toll class E
6	CLS-F	Follow toll class F
7	CLS-G	Follow toll class G
8	CLS-H	Follow toll class H

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 403
    Display shows

```
[701] TOLL CLASS
D: F-STN      N: F-STN
```

2. Dial trunk number
        OR

```
[704] TOLL CLASS
D: F-STN      N: F-STN
```

    Use UP or DOWN to scroll through trunk
    numbers and press RIGHT soft key to
    move the cursor
        OR
    Press ANS/RLS to select ALL

```
[ALL] TOLL CLASS
D: F-STN      N: F-STN
```

3. Press LEFT soft key to advance to night toll
    class
        OR

```
[704] TOLL CLASS
D: CLS-B      N: F-STN
```

    Press RIGHT soft key to advance to day toll
    class and enter toll class (eg., 2)
        OR
    Use UP or DOWN to scroll through toll
    classes and use RIGHT soft key to move the
    cursor right

4. Press RIGHT soft keys to return to step 2 above

    OR

    Enter night toll class (eg., 2)

    OR

    Use UP or DOWN to scroll through toll classes and use RIGHT soft key to return to step 2 above

```
┌─────────────────────────────┐
│ [704] TOLL CLASS            │
│ D: CLS-B        N: CLS-B    │
└─────────────────────────────┘
```

5. Press TRSF to store data and exit

    OR

    Press SPK to store data and advance to next MMC

DEFAULT DATA: **ALL TRUNKS F-STN DAY/NIGHT**

RELATED ITEMS: **MMC 202 CHANGE FEATURE PASSCODE**
MMC 301 ASSIGN STATION COS
MMC 507 ASSIGN AUTO NIGHT TIME
MMC 701 ASSIGN COS CONTENTS
MMC 702 TOLL DENY TABLE
MMC 703 TOLL ALLOW TABLE

MMC 404:   Trunk Name

DESCRIPTION:

Allows a eleven (11) character name to be entered to identify an individual trunk.

Names are written using the key pad. Each press of a key will select a character. Press the desired key to move the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" four times to get the letter "S." Now press the number "2" twice to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the "A" key will change the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right or the DOWN key to move the cursor left. A space can be entered by using these keys.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL ∗	:	=	[	]	∗

     The # key can be used for special characters: #, space, &, !, :, ?, ., %, $, -, , , /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options/move cursor left or right
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
A	Key 19 acts as toggle between upper case and lower case

ACTION   DISPLAY

1.   Press TRSF 404   [7̲01]   TRUNK NAME
     Display shows

2.   Dial trunk (eg., 704)   [7̲04]   TRUNK NAME
            OR
     Press UP or DOWN to select trunk and
     press RIGHT soft key to move the cursor

3.   Enter trunk name using the procedure
     described above. Press RIGHT soft key to
     return to step 2

```
[704]    TRUNK NAME
SAMSUNG
```

4.   Press TRSF to store and exit
              OR
     Press SPK to store and advance to next
MMC

DEFAULT DATA: NO NAMES ENTERED

RELATED ITEMS:

              MMC 405 CO TRUNK NUMBER
              "A" KEY IS BUTTON 19

MMC 405:   Trunk Number

DESCRIPTION:

Allows an eleven (11) digit number to be entered to identify an individual trunk.

Numbers are written using the key pad. Each press of a key will select a digit. Pressing the desired key will move the cursor to the next position. For example, if the directory number is "426-4100," press the number "4" five times to get the number "4." Now press the number "2" five times for number "2." Continue selecting characters from the table below to complete your number.

NOTES:
1. When the number you want appears on the same dial pad key as the previous number, press the UP key to move the cursor to the right or the DOWN key to move the cursor left. A space can be entered by using these keys.
2. When using Trunk number as the CLIP information in **MMC 312** the number must include the area code without the leading 0. Eg. 398722950

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	(	9
DIAL ∗	:	=	[	]	∗

The # key can be used for special characters: #, space, &, !, :, ?, ., %, $, -, , , /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options/move cursor left or right
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
A	Key 19, acts as toggle between upper case and lower case

ACTION   **DISPLAY**

1. Press TRSF 405
    Display shows

    [7̲01]   CO TEL NO.

2. Dial trunk (eg., 704)
            OR

    [7̲04]   CO TEL NO.

    Press UP or DOWN to select trunk and press
    RIGHT soft key to move the cursor

3.   Enter trunk number using the procedure
      described above

> [704]   CO TEL NO.
> 98181234_

4.   Press RIGHT soft key to return to step 2
      above
              OR
      Press TRSF to store and exit
              OR
      Press SPK to store and advance to next
MMC

DEFAULT DATA: **NO NUMBERS ENTERED**

RELATED ITEMS: **MMC 404 TRUNK NAME**
                       MMC 312 Allow CLIP

MMC 406: Trunk Ring Assignment

DESCRIPTION:

Enables audible signalling to be assigned to a specific station or a group of stations or an auto attendant when incoming Trunk calls are received. This MMC controls both day and night locations.

DEVICE	DEFAULT DN	
Station	201-349	21-28 for DX408
Station group	500-529	50-53 for DX408
AA	39xx	NA for DX408

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL (trunks only)

ACTION

DISPLAY

1. Press TRSF 406
   Display shows

```
[701]          TRK RING
D: 500      N: 500
```

2. Dial trunk number (eg., 704)
        OR
   Use UP or DOWN to scroll through trunk numbers and press the RIGHT soft key to move the cursor

```
[704]          TRK RING
D: 500      N: 500
```

3. Dial station number or station group number (eg., 205 or 501)
        OR
   Press UP or DOWN key to select station number or station group number and press RIGHT soft key to move cursor to night destination and repeat step 3
        OR
   Press RIGHT soft key to return to step 2

```
[704]          TRK RING
D: 205      N: 500
```

```
[704]          TRK RING
D: 205      N: 501
```

4. Press TRSF to store and exit
        OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **All Trunks Day: 500 Night: 500**

RELATED ITEMS: **MMC 202 CHANGE FEATURE PASSCODE**
MMC 507 ASSIGN AUTO NIGHT TIME
MMC 601 ASSIGN STATION GROUP

MMC 407:   Forced Trunk Release

DESCRIPTION:

Allows a Technician to Force Release a specific trunk or all trunks for maintenance purposes.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 407
    Display shows

    ```
    [701]    TRK RELS.
    RELEASE? Y : 1,   N : 0
    ```

2. Dial in trunk number (eg., 704)
            OR

    ```
    [704]    TRK RELS.
    RELEASE?_ Y : 1,   N : 0
    ```

    Press UP or DOWN key selected trunk and
    press right soft key
            OR
    Press ANS/RLS to select all trunks

    ```
    [ALL]    TRK RELS.
    RELEASE?_ Y : 1,   N : 0
    ```

3. Dial 1 for YES
            OR
    Dial 0 for NO
    Pressing 1 or 0 will return to step 2

    ```
    [ALL]    TRK RELS.
    RELEASE? 1 Y : 1,   N : 0
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 603 Assign Trunk Group**

MMC 408: Assign Trunk Music on Hold Source

DESCRIPTION:

Allows the system administrator to select which Music On Hold (MOH) source can be heard on each trunk. Broadly there are the following options:

None, Internal (Tone), External (the number of sources possible depends on the system) and AA.

The DCS supports 1 music source per Trunk A card installed in the system.. The default directory number of the source is 3701-3738. NOTE: Internal music is always the odd numbered address, ie., 3701, 3703 and the external music source is always the even numbers ie. 3702, 3704. On Version 5.X+ DCS software a trunk port of an 8TRK CID card can be used as a MOH port ie. 7XX.

On the DCS 70 & Compact there are 3 possible sources: None, 371, 372. 371 is via the motherboard and can be used for either Internal or External, 372 is via the MISC card and is an external source only.
On the DCS24 & DX408 there are 2 possible sources: None, 371

Where the MOH source is provided by the AA card (See MMC 736), the sources are: .39XX (DCS) or 384(DCS 24 and 70):

CADENCE PORT NUMBER: If you have a CADENCE Voice Mail System installed you may also select a CADENCE recording as a music source. The recording must already been defined in MMC 756 and will show up here as the CADENCE port associated with the recording. (Not applicable to the DCS 24)

The following table summarises the options:

DCS200	DCS70	DCS Compact	DCS24 / DX408
37XX	371, 372	371, 372	371
7XX (V5 +)			
Tone	Tone	Tone	Tone
AA	AA	AA	AA NA for DX408
None	None	None	None

OPTIONS

TONE
NONE
37X(X)
7XX - DCS Version 5.X software only

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 408
    Display shows current setting

```
[7 01]            TRK MOH
MOH    SOURCE: TONE
```

2. Dial trunk number (eg., 704)
            OR
    Use UP or DOWN to scroll through trunk
    numbers and press RIGHT soft key to move
    cursor
            OR
    Press ANS/RLS to select ALL

```
[7 04]            TRK MOH
MOH    SOURCE : TONE
```

```
[ALL]             TRK MOH
MOH    SOURCE : ?
```

3. Enter source number (eg., 3701)
            OR
    Press UP or DOWN key to select option
    Press RIGHT soft key to return to step 2
    above

```
[704]             TRK MOH
MOH    SOURCE : 3701
```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **TONE**

RELATED ITEMS: **MMC 308 ASSIGN BACKGROUND MUSIC SOURCE**
                         MMC 309 ASSIGN STATION ON HOLD MUSIC SOURCE
                         MMC 400 TRUNK ON OFF

MMC 409:   Trunk Status Read

DESCRIPTION:

Allows the status of trunks to be read so that Technicians can readily identify the tenant and location of a trunk. This is a read-only MMC.

OPTION TABLE

00	Port Number
01	Tenant Number
02	1A2 Emulation On/Off
03	Trunk Forward Sts On/Off
04	Line Type
05	Dial Type
06	Day Toll Restriction
07	Night Toll Restriction
08	Day Ring Destination
09	Night Ring Destination
10	MOH Source
11	DISA Status
12	Name
13	Tel Number

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1.   Press TRSF 409
   Display shows

   ```
   [701]   LOOP TRUNK
   PORT # : CX - SX - P01
   ```

2.   Enter trunk number via dial key pad
   (eg., 704)

   ```
   [704]   LOOP TRUNK
   PORT # : CX - SX - P01
   ```

           OR

   Press UP or DOWN key to make selection
   and press RIGHT soft key to advance cursor

   ```
   [704]   LOOP TRUNK
   TENANT NUMBER : 1
   ```

3a.   Enter in desired option
           OR
   Press UP or DOWN key to make selection

3b.   Enter in desired option
           OR
   Press UP or DOWN key to make selection

   ```
   [704]   LOOP TRUNK
   1A2 EMUL STS    :OFF
   ```

3c.   Enter in desired option
           OR
   Press UP or DOWN key to make selection

   ```
   [704]   LOOP TRUNK
   TRK FWD STS    :ON
   ```

3d.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
LINE :          CO LINE
```

3e.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
DIAL :  DTMF  TYPE
```

3f.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
DAY TOLL      : F-STN
```

3g.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
NIGHT TOLL    : F-STN
```

3h.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
DAY RING      : 500
```

3i.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
NIGHT RING   : 500
```

3j.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
MOH SOURCE : TONE
```

3k.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
DISA : NORMAL
```

3l.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
NAME :
```

3m.   Enter in desired option
                OR
        Press UP or DOWN key to make selection

```
[704]   LOOP TRUNK
TEL # :
```

DEFAULT DATA: **See Above Entries**

RELATED ITEMS: **MMC 400 Customer On/Off per Trunk**
                        MMC 401 CO/PBX Line
                        MMC 402 Trunk Dial Type
                        MMC 403 Trunk Toll Class
                        MMC 404 Trunk Name
                        MMC 405 CO Trunk Number
                        MMC 406 Trunk Ringing Assignment
                        MMC 408 Assign Trunk Music on Hold Source
                        MMC 410 Assign DISA Trunk
                        MMC 803 Assign Tenant Group

MMC 410:   Assign DISA Trunk

DESCRIPTION:

Enables the system to have Direct Inward System Access (DISA). Because there is a possibility that unauthorised calls may be made via DISA, safeguards have been included. The Customer must be made aware of this possibility. DISA can lock out when a predetermined number of invalid consecutive calls are attempted. Callers will then receive error tone until the programmable timer has expired. The ∗ key may be used to initiate new dial tone while in a station to station call. The # key may be used to terminate the DISA call and disconnect the Trunk. Only one outgoing Trunk call is allowed per DISA call however multiple intercom calls are possible.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL (trunks)

FEATURE KEYS

0	NORMAL	No DISA service
1	DAY	In day mode DISA is available
2	NIGHT	In night mode DISA is available
3	BOTH	In day and night mode DISA is available

ACTION	DISPLAY

1. Press TRSF 410
   Display shows

   ```
   [701]          DISA LINE
   NORMAL
   ```

2. Dial trunk number (eg., 704)
          OR
   Press UP or DOWN key to select trunk and
   press RIGHT soft key
          OR
   Press ANS/RLS key to select all trunks

   ```
   [704]          DISA LINE
   NORMAL
   ```

   ```
   [ALL]          DISA LINE
   ?
   ```

3. Dial an option (0-3) from above table
          OR
   Press UP or DOWN key to select trunk and
   press RIGHT soft key to return to step 2

   ```
   [704]          DISA LINE
   NIGHT
   ```

4. Press TRSF to store and exit
          OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **All Trunks Normal**

RELATED ITEMS: **MMC 500 System-Wide Counters**

MMC 411:   Assign E1 Signal Type

DESCRIPTION: NOT USED IN AUSTRALIA

Defines the type of signalling for the E1 trunks assigned to the card.

There are four (4) types of signalling as detailed below. There are six conditions of signalling associated with E&M and DID.

MODE	TYPE	CONDITIONS		
0	LOOP			
1	AC15	IMMEDIATE	DELAYED	WINK
2	DID	IMMEDIATE	DELAYED	WINK
3	UNUSE			

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 411
    Display shows

    ```
    [701]   E1      SIGNAL
    UNUSE
    ```

2a. Enter desired trunk number (eg., 704)
             OR
     Press UP or DOWN key to make selection
     and press RIGHT soft key to move cursor
             OR
     Press ANS/RLS to select all trunks

    ```
    [704]   E1      SIGNAL
    UNUSE
    ```

2b. Enter desired trunk type selection from
     above list
             OR
     Press UP or DOWN key to make selection
     and press RIGHT soft key to
     return to step 2a
             OR
     In case of DID or AC15 press
     RIGHT soft key
     to advance to type of trunk (eg., WINK)
     and press RIGHT soft key to
     return to step 2a
             OR

    ```
    [704]   E1      SIGNAL
    LOOP
    ```

    ```
    [704]   E1      SIGNAL
    DID : WINK
    ```

3a.   Press TRSF to store and exit
              OR
       Press SPK to store and advance to next
    MMC

DEFAULT DATA: **None**
RELATED ITEMS: **MMC 714 DID Number and Name Translation**

MMC 412:   Assign Trunk Signal

DESCRIPTION:

Used for programming the type of signalling when E&M tieline cards are installed. DCS200 & DCS70 only.

The type of signalling used must be identical for the equipment at both ends of the E&M link. For example the DCS200 E&M card and the router.

The signalling condition types are as follows:

CONDITIONS

IMMEDIATE	DELAYED	WINK
IMMEDIATE	DELAYED	WINK

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.   Press TRSF 412
   Display shows

   ```
   [7̲01]  TRK    SIGNAL
   IMMEDIATE START
   ```

2a.   Enter desired trunk number (eg., 704)
            OR
   Press UP or DOWN key to make selection
   and press RIGHT soft key to move cursor
            OR
   Press ANS/RLS to select all trunks

   ```
   [7̲04]  TRK    SIGNAL
   IMMEDIATE START
   ```

2b.   Enter desired trunk type selection from
   above list
            OR
   Press UP or DOWN key to make selection
   and press RIGHT soft key to
   return to step 2a

   ```
   [7̲04]  TRK    SIGNAL
   WINK
   ```

3.   Press TRSF to store and exit
            OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **None**

RELATED ITEMS: **MMC 714 DID Number and Name Translation**

MMC 413: Voice Mail Answer Mode

DESCRIPTION:

This MMC is used to program the answer mode of the SVM-800 Voice Mail system. Combinations of the options can also be programmed giving callers the option to select the mode they require.

OPTIONS

AP   Automatic Receiving mode where callers are directed into the system mailbox
AT   Audiotext Mode
AA   Automated Attendant Mode
VM   Voice Mail where callers are directed to the Voice Mail option

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 413
    Display show

```
[701] TYPE        AP: N
AT: N    AA: Y    VM: N
```

2. Dial trunk number (eg., 704)
            OR

```
[704] TYPE        AP: N
AT: N    AA: Y    VM: N
```

    Press UP or DOWN key to select trunk
            OR
    Press ANS/RLS for all trunks and press
    RIGHT soft key to move cursor to options

```
[ALL] TYPE        AP: N
AT: N    AA: Y    VM: N
```

3. Dial 1 for ON or 0 for OFF for each Option
            OR
    Press UP or DOWN key to select ON/OFF

```
[704] TYPE        AP: N
AT: Y    AA: Y    VM: N
```

    press RIGHT soft key to move cursor

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA:
RELATED ITEMS: **MMC Trunk Ring Assignment**
                            MMC 724 Dial Numbering Plan

MMC 414:   MPD/PRS Signal

DESCRIPTION:

MMC 414 allows MPD(Meter Pulse Detection) or PRS (Polarity Reversal Signal) to be assigned to Trunks on a Trunk by Trunk basis. MPD or PRS Hybrids must be installed in each Trunk circuit programmed for MPD/PRS in MMC 414.

MPD Hybrids provide 12 kHz meter pulse detection. The meter pulses are sent from the network and must be requested from the Carrier.

There are three types of PRS mode: PRS1, PRS2, and PRS3

PRS1: When first PRS is detected, call duration timer is started. When second PRS is detected, call duration timer stopped. Not used in Australia.

PRS2: When first PRS is detected, call duration timer is started. When second PRS is detected, call duration timer is stopped and call is released.(ROA type in Australia)

PRS3: The call duration timer starts base on the timer. When first PRS is detected, call duration timer is stopped and call is released. (ROI type in Australia)

.

NOTE: PRS Reversal on Answer (ROA) is only supported by the DCS V5.X software. The DCS 70, DCS24 and DX408 systems support PRS ROI only.

OPTIONS	DCS, DCS 70, DCS24, DX408	DCS V5.X
0:	PRS	PRS (1)
1:	MPD	PRS (2)
2:	NONE	PRS (3)
3:		MPD
4:		NONE

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION		DISPLAY
1.	Press TRSF 414 Display shows	[701] TRK PRS NONE
2.	Dial TRUNK number OR Press UP or DOWN to select trunk and use left or right soft key to move cursor	[704] TRK PRS NONE
3.	Dial Option number required (eg . 1) OR Press UP or DOWN to scroll through options and use left or right soft key to return to step 2	[704] MPD/PRS PRS
4.	Press TRSF to store and exit OR Press SPK to store and advance to next	

DEFAULT DATA :   **None**
RELATED ITEMS: **MMC 508 CALL COST**

MMC 415: Report Trunk Abandon Data

DESCRIPTION:

Allows the system administrator or technician to enable or disable the reporting of abandoned CO calls for which CLIP information has been collected on a per trunk basis.

There are two options for this MMC as follows.

0 REPORT : NO   Abandoned call records for incoming calls with CLIP information will not be printed on the SMDR or stored in the system call abandon list.
These records will continue to be stored in the station review list.

1 REPORT : YES   Abandoned call records for incoming calls with CLIP information will be printed on the SMDR or stored in the system call abandon list.
These records will also to be stored in the station review list.

Note :
In order for abandoned call records to be printed on SMDR, MMC 725 SMDR Options, Option 11 Print Abandoned Call Records must be set to YES.

ACTION		DISPLAY
1	Press TRSF 415 Display shows	[701] TRK ABNDN REPORT : YES
2.	Dial TRUNK number OR Press UP or DOWN to select trunk and use left or right soft key to move cursor	[704] TRK ABNDN REPORT : YES
3.	Dial 1 for YES OR Dial 0 for NO OR Press UP or DOWN to scroll through options and use left or right soft key to return to step 2	[704] TRK ABNDN REPORT : NO
4.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA : All TRUNKS will not report data

RELATED ITEMS: **MMC 119 CLIP DISPLAY**
MMC 312 ALLOW CLIP
MMC 608 ASSIGN REVIEW BLOCK
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING
MMC 725 SMDR OPTIONS
MMC 728 CLIP TRANSLATION TABLE

MMC 416:   AC15 Translation

NOT USED IN AUSTRALIA

DESCRIPTION:

Gives the ability of an E&M tie line to use the DID translation tables (MMC 714).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION		DISPLAY

1. Press TRSF 416
    Display shows

```
[701]     TIE TRANS
UNUSE     DID TRANS
```

2. Enter desired trunk number (eg., 704)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to move cursor
            OR
    Press ANS/RLS to select all trunks

```
[704]     TIE TRANS
USE       DID TRANS
```

3. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **UNUSE DID TRANS**

RELATED ITEMS: **MMC 714 DID NUMBER AND NAME TRANSLATION**

MMC 417:   PRI CRC4 Option

Not For Australia

DESCRIPTION:

This option is used to enable/disable the CRC4 generation and checking. It is useful with some networks which do not support CRC4 framing but only PCM30 framing. By default, the CRC option is ON.

NOTE: After changing this option, MMC 418 must be used to restart the card to make the change effective.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 417
    Display shows

```
PRI-TRK        C:1  S:3
CRC4  :   ON
```

2. Press RIGHT soft key to move cursor under
    slot number. Use UP or DOWN key to select
    slot number
            OR
    Dial slot number using keypad
    (eg., slot number = 5)

```
PRI-TRK        C:1  S:5
CRC4  :   ON
```

3. Press RIGHT soft key to move.
    cursor under ON
    Use UP or DOWN key to select ON/OFF and
    press RIGHT soft key to return to step 2 to
    change the option for another card.

```
PRI-TRK        C:1  S:5
CRC4  :   ON
```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **CRC4 ON**

RELATED ITEMS: **MMC 418 CARD RESTART**

Note: This MMC is not applicable to DCS/Compact System

MMC 418:   Card Restart

DESCRIPTION:

Enables any changes you make in MMC 419 (BRI Option), MMC 420 (PRI Option) or MMC 423 (S/T Mode) and applies them, as appropriate, to each BRI or PRI card that you restart.
Note: In DCS and DCS Compact software version prior to version 6 the selection of the relevant ISDN card to restart was selected by slot number.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION

1. Press TRSF 418
   Display shows

2. Enter first trunk number on ISDN card (e.g. 701)
   OR
   Press UP or DOWN to select and press RIGHT soft key

3. Enter 1 for Yes or 0 for No
   OR
   Press UP or DOWN to select and press RIGHT soft key
   (If you select No, system returns to step 2)

4. You are asked for confirmation:
   Enter 1 for Yes or 0 for No
   OR
   Press UP or DOWN to select and press RIGHT soft key
   (If you select Yes, the ISDN card is restarted)

5. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DISPLAY

```
[701] RESTART
CARD RESTART ? NO
```

```
[701] RESTART
CARD RESTART ? NO
```

```
[701] RESTART
CARD RESTART ? NO
```

```
[701] RESTART
ARE YOU SURE ? NO
```

DEFAULT DATA: **None**

RELATED ITEMS: **MMC 417 PRI CRC4 Option**
                        MMC 419 BRI Option
                        MMC 420 PRI Option Not applicable to DCS Compact and DCS 24
                        MMC 423 S/T Mode

MMC 419:   BRI
OptionsError! Reference source not found.

DESCRIPTION:

This MMC establishes the BRI options for the DCS/Compact systems for both BRI Trunks and BRI Stations (extensions). For each BRA, two adjacent ports are assigned, therefore you only have to change the value for one of the ports and the value for the other port will be changed automatically.

1. BRI TRUNK

- **BRI MODE**

  P-P DDI - Used when DDI is provided by the Network Provider. In this mode, calls can be directed to a specific station or station group according to the DID NUMBER TABLE.

  P-M MSN -Used when the BRA has been configured for MSN service by the Network Provider, (max. 8 terminals can be connected to BRA) calls can route incoming MSN number call to specific station or station group according to MSN NUMBER TABLE.

  P-P NOR or P-M NOR - Used when the BRA has been configured as a Normal service by the Service Provider, calls can be routed according to Trunk Ring Assignment in MMC 406.

- **CHANNEL ANY**

  This field is referenced when a user tries to make an outgoing call. If CHANNEL ANY is programmed
    YES - the system will allocate any a free BRA channel or port.
    NO - the system will allocate the BRA channel or port selected even if the other BRA channel is free. This option should be chosen if you wish to allocate specific channels to "Line" keys or allocate specific extensions to tenants.

- **DLSEND**

  This field is provided to set the dial sending mode to "enbloc" or "overlap" on an individual port basis.

NOTES:
Changes to BRI MODE options are only effective only after the BRI Card has been restarted. Use MMC 418 to restart the card.
DLRECV is not a programmable option in Version 4+ software

BRI EXTENSIONS.

If a BRI port is set to STATION mode IN MMC 423, the configuation options are

  Channel Any -Yes/No Set the Channel Any option to NO. for Channel Ident IE as Exclusive

  Power Feed - Yes/No. Generally only required when an ISDN telephone is installed.

NOTE The power feed option is only available on the DCS BRIN card.

BRI Options

BRI Trunk (BRI-TRK	BRI Mode	DLSEND	CHANNEL ANY
	P-P DDI	OVERLAP	YES
	P-P NOR	ENBLOCK	NO
	P-P MSN		
	P-M NOR		

BRI-Station (BRI-STN)	POWER FEED	CHANNEL ANY
	YES	YES
	NO	NO

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1.   Press TRSF 419
      Display shows

```
[701]    BRI OPTION
DLSEND        :OVERLAP
```

      Dial BRI trunk number (eg., 704) or press UP
      or DOWN key to select the port.
      Use the RIGHT soft key to position
      the cursor under DLSEND.

```
[704]    BRI OPTION
DLSEND        :OVERLAP
```

3.   Press UP or DOWN key to make selection
      (DLSEND, , BRI MODE or
      CHANNEL ANY). Select DLSNED
      and press RIGHT soft key to move the
      cursor under OVERLAP. Use UP or DOWN
      key to select OVERLAP/ENBLOCK . Press
      RIGHT soft key to make the selection.

```
[704]    BRI OPTION
DLSEND        :ENBLOCK
```

4.   Use UP or DOWN key to get to BRI MODE.
      Press RIGHT soft key to move the cursor
      under MSN/DID/NORMAL. Use UP or
      DOWN key to make the selection

```
[704]    BRI OPTION
BRI MODE      : P-P NOR
```

5.   Press TRSF to store and exit
            OR
      Press SPK to store and advance to next
MMC

DEFAULT DATA: **DLSEND :**   **OVERLAP**
                       BRI MODE :   **P-P DDI**
                       CHANNEL ANY: **YES**

RELATED ITEMS: **MMC 418 CARD RESTART**
                       MMC 420 PRI OPTION
                       MMC 421 MSN DIGIT
                       MMC 423 BRI TRUNK/STATION
                       MMC 714 DID NUMBER TABLE

MMC 420:   PRI Option

DESCRIPTION:

This MMC allows the DCS system to be programmed for DDI/NORMAL Access, dial sending mode to OVERLAP or ENBLOCK and whether the system is able to select any channel for an outgoing call or the specific channel selected. The Channel Any mode should be set to No if you wish to allocate specific trunks to tenants or customers wish to have specific line key appearances programmed on their keysets.

If the dial sending mode is changed on any port of the DCS, all other ports will be set to same dial sending mode. If the PRI line is not equipped for DDI service by the Network Provider, the NORMAL mode should be used. (eg., sub-address or normal trunk incoming service) If the PRI MODE is set to DDI, DDI (Direct Dial Inward) incoming Trunk calls can be directed to a specific station or station group according to DID NUMBER TABLE in MMC 714.
NOTE: DLRECV is not required in Version 4+ software as the system will wait for additional digits until sending complete is received in the SETUP message.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 420
    Display shows

    ```
    [701]    PRI OPTION
    DLSEND          :OVERLAP
    ```

2. Dial PRI trunk number (eg., 704) or press
    UP or DOWN key to select the port.
    Use the RIGHT soft key to position the
    cursor under DSEND

    ```
    [704]    PRI OPTION
    DLSEND          :OVERLAP
    ```

3. Press UP or DOWN key to make selection
    (DLSEND, PRI MODE or
    CHANNEL ANY). Select DLSEND
    and press RIGHT soft key to move the
    cursor under OVERLAP. Use UP or DOWN
    key to select ENBLOCK/OVERLAP. Press
    RIGHT soft key to make the selection.

    ```
    [704]    PRI OPTION
    DLSEND          :OVERLAP
    ```

4. Use UP or DOWN key to get to PRI MODE.
    Press RIGHT soft key to move the cursor
    under DDI/NORMAL. Use UP or DOWN key
    to make the selection

    ```
    [704]    PRI OPTION
    PRI MODE        :   DDI
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **DLSEND :**   **OVERLAP**
                       PRI MODE :   **NORMAL**
                       CHANNEL ANY: **YES**
RELATED ITEMS: **MMC 418**   **CARD RESTART**

MMC 714   **DID NUMBER TABLE**

MMC 421:   MSN Digit

DESCRIPTION:

Provides a method of assigning an incoming MSN call to a station.
If an entry in the MSN DIGIT TABLE matches the incoming call's called party number, then the programmed
station receives audible signalling if it is programmed to "Accept" the call.

OR

The call is cleared if the DCS is programmed to "Reject" the call.

If the Incoming called party number does not have a matching entry in MSN table, then the operator is
presented with the call.

Each MSN number can be assigned to a station. If the programmed destination is busy (eg station), there is a
programmable option to send busy tone to the caller or to camp the call to the busy destination.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1. Press TRSF 421
    Display shows

    ```
    [7 01] MSN      DGT (1)
                    → NONE
    ```

2. Enter trunk number (eg., 704)
         OR
    Press UP or DOWN key to scroll through
    ISDN PORT
    and press RIGHT soft key to move cursor

    ```
    [7 04] MSN      DGT (1)
                    → NONE
    ```

3. Enter the location (eg., 4)
         OR
    Press UP or DOWN to select location and
    press RIGHT soft key to move cursor.
    Max. location is 8.

    ```
    [704] MSN       DGT(4)
                    → NONE
    ```

4. Enter in digits to be translated
    (eg., 4603881)via dial key pad and press
    RIGHT soft key to move cursor.
    Max. digit is 10.

    ```
    [704] MSN DGT (4)
    4602831_        → NONE
    ```

5. Enter station number via dial key pad)
    (eg., 204)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key. The system
    automatically advances the cursor. If the,
    data entered is invalid "INVALID DATA"
    will be displayed.

```
[704] MSN DGT (4)
4602831          → 204
```

6. Press RIGHT soft key to move cursor under
    CW(CallWait) option. Use UP or DOWN key
    to select ON/OFF.
    Press RIGHT soft key to move cursor under
    ACCEPT/REJECT option.
    Press RIGHT soft key to go back to step 3.
    Follow same procedure to add more entries
    in MSN table.

```
[704] MSN DGT (4)
CW : YES    OPT : ACCEPT
```

7. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **CW :**   **YES**
                      OPTION :   **ACCEPT**
RELATED ITEMS: **MMC 419**   **BRI OPTION**
                      MMC 420   **PRI OPTION**
                      MMC 714   **DID NUMBER TABLE**

MMC 422:   Assign Trunk COS

DESCRIPTION:

MMC 422 is used to assign a day and night class of service to each trunk. There are 30 classes of service that may be defined in MMC 701 Assign COS Contents. Classes of service are numbered 01-30. Incoming calls on a DISA Trunk may be restricted by the Trunk COS.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 422
    Display shows first trunk

    ```
    [701]  TRK COS
    DAY : 01        NIGHT : 01
    ```

2. Dial trunk number (eg., 704)
            OR
    Use UP and DOWN to scroll through trunks
    and press RIGHT soft key to advance to
    step 3
            OR
    Use UP and DOWN to scroll through trunks
    and press LEFT soft key to
    advance to step 4
            OR
    Press ANS/RLS to select all stations

    ```
    [704]  TRK COS
    DAY : 01        NIGHT : 01
    ```

    ```
    [ALL]  TRK COS
    DAY : 01        NIGHT : 01
    ```

3. Enter day class of service (eg., 05)
            OR
    Use UP and DOWN to scroll through classes
    of service and press RIGHT soft key to
    advance to step 4
            OR
    Use UP and DOWN to scroll through classes
    of service and press LEFT soft key to return
    to step 2

    ```
    [704]  TRK COS
    DAY : 05        NIGHT : 01
    ```

4. Enter night class of service (eg., 05)
            OR
    Use UP and DOWN to scroll through classes
    of service and press RIGHT soft key to
    return to step 3
            OR
    Use UP and DOWN to scroll through classes
    of service and press LEFT soft key to return
    to step 3

    ```
    [704]  TRK COS
    DAY : 05        NIGHT : 01
    ```

5.   Press TRSF to save and exit
                OR
        Press SPK to save and advance to next
    MMC

DEFAULT DATA: **TRUNK COS DAY :   01**
                       TRUNK COS NIGHT :   01

RELATED ITEMS: **MMC 701**

MMC 423:   BRI Configuration

DESCRIPTION:

Assigns BRI ports as either a BRI Trunk (BTI-TRK) or BRI Extension (BRI-STN).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 423
    Display show

    ```
    [739] S/T  MODE
    TRUNK
    ```

2. Dial trunk number (eg., 740)
            OR

    ```
    [740] S/T  MODE
    TRUNK
    ```

    Press UP or DOWN key to select trunk
            OR
    Press ANS/RLS for all trunks and press
    RIGHT soft key to move cursor to options

    ```
    [ALL] S/T  MODE
    ?
    ```

3. Dial 1 for TRUNK or 0 for STATION
            OR
    Press UP or DOWN key to select Option
    and press RIGHT soft key to return to step 2

    ```
    [740] S/T  MODE
    STATION
    ```

    Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 419 BRI OPTION**
                       MMC 424 BRI EXTENSION MAPPING
                       MMC 421 MSN DIGIT
                       MMC 714 DID TABLE

MMC 424: BRI Extension Mapping

DESCRIPTION:

Allows BRI Extensions (Stations) to be mapped to specific BRI ports.

The DCS/Compact set aside 32 numbers in the range 7801 to 7832 (SO MSN) to identify devices connected to BRA extensions. That is a total of 32 ISDN terminals can be connected to BRA extensions off the DCS (up to 8 per BRI extension). The DCS must be configured using this MMC to associate the 78XX number with a BRI extension. The BRI Extension MSN (78XX) can be changed via MMC 724 Dial Numbering Plan.

The ISDN terminals can then be accessed directly by using DDI or MSN routing.

The BRA extension operates as an MSN line. The customer should program the ISDN terminal to answer calls to the 78XX that has been allocated to it.

NOTES:
For each BRI access, two adjacent ports are assigned, so you only have to map a number into one of the two ports from a BRI access.
In this program you can map only one BRI port to each BRA Extension number. That is the same BRA Extension number can't be mapped to more than one BRI ports. However, more than one BRA Extension number can be mapped to BRI port.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1. Press TRSF 424
    Display show

    ```
    [7801] SO MAPPING
    739
    ```

2. Dial SO MSN (eg., 7804)
            OR
    Press UP or DOWN key to S0 MSN
    press RIGHT soft key to move cursor

    ```
    [7804] SO MAPPING
    739
    ```

3. Dial BRI Extension number 741
            OR
    Press UP or DOWN key to select ON/OFF
    and press RIGHT soft key to return to step 2

    ```
    [7804] SO MAPPING
    740
    ```

    Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

    ```
    [7804] SO MAPPING
    740
    ```

DEFAULT DATA:
RELATED ITEMS: MMC 423 BRI CONFIGURATION
                         MMC 724 DIAL NUMBERING PLAN

MMC 425:   Assign CID Trunk

DESCRIPTION:

Assigns PSTN trunks to CID trunks. The options are Normal or CID (CLIP) TRUNK. Not forr DX408.

NOTES:
1. For the DCS it refers to CLIP rather than CID.
2. DCS 70 hardware requirements are the 3TRK card and either the MISC1 or MISC2 card.
3. DCS system require Version 5.X software or later.
4. DCS hardware requirements are the 8TRK CID card and Expansion A1 card.
5. DCS24 requirements are either 4TRK24 or 6TRK24 and SIM24 card

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1.   Press TRSF 425
       Display show

> [701] CID TRUNK
> NORMAL TRUNK

2.   Dial Trunk number (eg.,707)

> [707] CID TRUNK
> NORMAL TRUNK

3.   Press UP or DOWN key to make selection
       Press RIGHT soft key to enter and return
       To step 1

> [707] CID TRUNK
> CID TRUNK

       Press TRSF to store and exit
               OR
       Press SPK to store and advance to next
       MMC

DEFAULT DATA: All Trunks set to NORMAL TRUNK

RELATED ITEMS: MMC 119 SET CLIP DISPLAY
**   MMC 728 ASSIGN CLIP TRANSLATION TABLE**

MMC 426: Trunk Gain Control

DESCRIPTION:

Applicable to all versions of the DCS 70 and DCS 24 software and to DCS version 6 software.

This MMC procedure allows trunk gain control to be modified.

WARNING: The db levels should be left at default setting. Changing some of these setting may breach ACA requirements. Please contact LSP Tech Support before making any changes.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL (trunks)

	ACTION	DISPLAY
1.	Press TRSF 426 Display shows	[701] TRUNK GAIN RX : 0 dB TX : 0 dB
2.	Dial trunk number (e.g., 704) OR Press UP or DOWN key to select trunk and press RIGHT soft key	[704] TRUNK GAIN RX : 0 dB TX : 0 dB
3.	Press UP or DOWN key to select trunk RX gain and press RIGHT soft key	[704] TRUNK GAIN RX : +2dB TX : 0 dB
4.	Press UP or DOWN key to select trunk TX gain and press RIGHT soft key	[704] TRUNK GAIN RX : +2dB TX : +2dB
5.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: RX 0 dB, TX 0 dB for all trunks

RELATED ITEMS: None

MMC 427:   R2MFC Signal

Not For Australia

R2MFC signal is the Caller ID signal provided by E1 & T1 digital trunk lines – not used in Australia.

MMC 428:   Trunk/Trunk

Applicable to all versions of the DCS 70 and DCS 24 software and to DCS version 6 software. Not applicable to DX408.

DESCRIPTION:

Assigns which trunks can be used for outgoing calls in the case of DISA out calls or Trunk to Trunk transfer call from specific trunks on a per trunk basis. This is useful in the case of having many companies on one system.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1	Press TRSF 428 Display shows		[701] USE [701] DIAL : YES
2.	Dial the Trunk number (eg., 705) OR Press UP or DOWN key to select station and press RIGHT soft key to advance to step 3		[705] USE [701] DIAL : YES
3.	Dial the trunk ID number (eg., 704) OR Press UP or DOWN key to select trunk and press RIGHT soft key to advance to step 4		[705] USE [704] DIAL : YES
4.	Press UP or DOWN key to select YES/NO option OR Dial 1 for YES or 0 for NO and press RIGHT soft key to move cursor to ANS option		[705] USE [704] DIAL : NO
	Press UP or DOWN key to select YES/NO option OR Dial 1 for YES or 0 for NO and press RIGHT soft key to return to step 2		[705] USE [704] DIAL : NO
5.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC		

DEFAULT DATA: DIAL = Yes

MMC 500:   System-Wide Counters

DESCRIPTION:

Used to set the values of the system counters. The counters are listed below with a brief description of each.

0.	ALARM REMINDER	This is the number of times an alarm reminder will ring a station before cancelling. RANGE = 1-99.
1.	AUTO REDIAL	This is the number of times the system will redial an outside number after the auto redial feature has been activated. RANGE = 1-15.
2.	DISA INTERCOM CALL	This counter sets the maximum number of intercom calls that can be made after accessing a DISA line. RANGE = 1-99.
3.	DISA LOCK OUT	This is the number of attempts the system will allow to incorrectly access a DISA line before locking out the DISA line. RANGE = 1-99.
4.	NEW CALL	This is the number of times the system will allow a user to signal New Call on a CO line during one call. RANGE = 1-99.
5.	UCD AUDIO ALARM	This counter controls the Audio UCD Alarm. If the number of calls in the UCD group reaches the counter value, the alarm operates. RANGE 0-25.
6.	UCD VISUAL ALARM COUNTER	This is the counter that provides a visual alarm when the number of calls waiting to be answered in the UCD group reaches the counter value. RANGE = 0-25.

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7.	UCD CS LEVEL 1	Provides call wait indication level 1 if number of calls waiting to be answered in UCD group reaches this value. Range = 0 – 25.
8.	UCD CS LEVEL 2	Provides call wait indication level 2 if number of calls waiting to be answered in UCD group reaches this value. Range = 0 – 25.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1.	Press TRSF 500 Display shows	ALARM REM. CNTER 05 →
2.	Enter number from above list (eg., 6) OR Press UP or DOWN key to make selection and press RIGHT soft key to move cursor	UCDS VISUAL ALAM 00 → _

3. Enter in new value via dial key pad
    If entry is valid, system will return to step 2

UCDS VISUAL ALAM
00 →   02

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA:

ALARM REMINDER COUNTER	**5**
AUTO REDIAL COUNTER	**5**
DISA INTERCOM COUNTER	**99**
DISA LOCK COUNTER	**3**
NEW CALL COUNTER	**99**
UCD AUDIO ALARM WAITING CALLS COUNTER	**0**
UCD VISUAL ALARM WAITING CALLS COUNTER	**0**

RELATED ITEMS: **MMC 501 SYSTEM-WIDE TIMERS**

MMC 501: System Timers

DESCRIPTION:

Allows the technician to adjust individual timers as necessary. Timers may be disabled by setting the time to all zeros (000).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 501
    Display shows first timer value

    ```
    AA INT DGT TIME
    05 SEC
    ```

2. Press UP or DOWN key to select timer and
    press RIGHT soft key to move cursor

    ```
    KCMMC LOCK OUT TM
    30 SEC
    ```

3. Enter new value using keypad;
    if valid, system
    returns to step 2 with new value

    ```
    KCMMC LOCK OUT TM
    30 SEC          255
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **SEE TABLE OF TIMERS AND VALUES**

RELATED ITEMS: **NONE**

DCS TIMER TABLE

TIMER NAME	DEFAULT	RANGE
AA INT DGT TIME	05 SEC	1-25 SEC
AA NO ACT TIME	10 SEC	1-25 SEC
ALERT TONE TIMER	1000 MS	100-2500 MS
ALM REM. INTERVAL	26 SEC	1-255 SEC
ALM REM. RING OFF	10 SEC	1-25 SEC
ATT. RECALL TIME	30 SEC	1-255 SEC
AUTO REDIAL INT.	30 SEC	1-255 SEC
AUTO REDIAL RLS.	45 SEC	1-255 SEC
CALLBACK NO ANS	30 SEC	1-255 SEC
CAMP ON RECALL	30 SEC	1-255 SEC
CLEAR CO TIME	30 SEC	1-255 SEC
CLIP DISPLAY TIME	05 SEC	1-25 SEC
CLIP MSG RECEIVE	08 SEC	1-25 SEC

CO–CO DISCONNECT	20 MIN	0-255 MIN
CONFIRM TONE TM	1000 MS	100-2500 MS
DIAL PASS TIME	05 SEC	1-25 SEC
DISA DISCONNECT	30 MIN	1-255 MIN
DISA LOCK OUT/TM	30 MIN	1-255 MIN
DISA PASS CHECK	30 MIN	1-255 MIN
DISPLAY DELAY TM	03 SEC	1-255 SEC
DOOR LOCK RELES.	500 MS	100-2500 MS
DOOR RING DETECT	50 MS	10-250 MS
DOOR RING OFF TM	30 SEC	1-255 SEC
E-HOLD RECALL TM	45 SEC	0-255 SEC
EXT. FWD DELAY TM	10 SEC	1-255 SEC
FIRST DIGIT TIME	10 SEC	1-255 SEC
HOK FLASH MAX TM	180 MS	0010-2500 MS
HOK FLASH MIN TM	70 MS	0010-2500 MS
HOOK OFF TIME	200 MS	10-250 MS
HOOK ON TIME	1000 MS	100-2500 MS
INQUIRY RELEASE	30 SEC	1-255 SEC
INTER DIGIT TIME	10 SEC	10-255 SEC
KMMC LOCK OUT TM	300 SEC	100-255 SEC
LCR ADVANCE TIME	05 SEC	1-255 SEC
LCR INTER DIGIT	05 SEC	1-255 SEC
MCL DELAY TIME	04 SEC	1-8 SEC
OFF HOK RING INT	15 SEC	1-255 SEC
OFF HOOK SELECT	05 SEC	1-255 SEC
OHVA ANSWER TIME	10 SEC	1-255 SEC
OVERLAP INT DGT	07 SEC	1-15 SEC
PAGE TIME OUT	20 SEC	1-255 SEC
PAGE TONE TIME	500 SEC	100-2500
PARK RCALL TIME	45 SEC	0-255 SEC
PC-MMC LOCK OUT	5 MIN	5-60 MIN
POWER DOWN TIME	2000 MS	1000-9000 MS
RECALL DISCONNECT	45 MIN	1-255 SEC
RECALL WAIT TIME	15 SEC	1-255 SEC
SMDR START/DP	30 SEC	1-255 SEC
SMDR START/DTMF	15 SEC	1-255 SEC
SYS HOLD RECALL	45 SEC	0-255 SEC
TRANSFER RECALL	20 SEC	0-255 SEC
UCDS AUDIO ALARM	0 SEC	0-990 SEC
UCDS VISUAL ALAM	0 SEC	0-990 SEC
VOICE DIAL DELAY	8 SEC	05-15 SEC

DCS 24, 70 AND VERSION 6.0 TIMER TABLE

TIMER NAME	DEFAULT	RANGE
AA INT DGT TIME	05 SEC	1–25 SEC
AA NO ACT TIME	10 SEC	1–25 SEC
AA TRANS TIME	00 SEC	
ALERT TONE TIMER	1000 MS	100–2500 MS
ALM REM.INTERVAL	25 SEC	1–255 SEC
ALM REM.RING OFF	10 SEC	1–25 SEC
ATT.RECALL TIME	30 SEC	1–255 SEC
AUTO REDIAL INT.	30 SEC	1–255 SEC
AUTO REDIAL RLS.	45 SEC	1–255 SEC
BARGE-IN TONE INT	1300 MS	100-9900 MS
CALLBACK NO ANS	30 SEC	1–255 SEC
CAMP ON RECALL	30 SEC	1–255 SEC
CLIP DISPLAY TIME	5 SEC	1-25 SEC
CLIP MSG RECEIVE	6 SEC	1-25 SEC

CO CLEAR TIME	30 SEC	0–255 SEC
CO CONFIRM TIME	003 MIN	
CO–CO DISCONNECT	20 MIN	0–255 MIN
CONFER TONE INT	9900 MS	100-9900 MS
CONFIRM TONE TM	1000 MS	100–2500 MS
CRD TONE INT TIME	030 SEC	
DATA EXIT TIME	010 SEC	
DATA OTASK TIME	0100 MS	
DIAL PASS TIME	5 SEC	1–25 SEC
DISA DISCONNECT	30 MIN	1–255 MIN
DISA LOCK OUT/TM	30 MIN	1–255 MIN
DISA NOANS DISC		
DISA PASS CHECK	30 MIN	1–255 MIN
DISPLAY DELAY TM	3 SEC	1–255 SEC
DOOR LOCK RELEASE	500 MS	100–2500 MS
DOOR RING DETECT	50 MS	10–250 MS
DOOR RING OFF TM	30 SEC	1–255 SEC
E-HOLD RECALL TM	45 SEC	0–255 SEC
EXT.FWD DELAY TM	10 SEC	1–255 SEC
FIRST DIGIT TIME	10 SEC	1–255 SEC
HOOK FLASH MAX TM	180 MS	20–2500 MS
HOK FLASH MIN TM	70 MS	20–2500 MS
HOOK OFF TIME	200 MS	100–2500 MS
HOOK ON TIME	1000 MS	20–2500 MS
INQUIRY RELEASE	30 SEC	1–255 SEC
INTER DIGIT TIME	10 SEC	1–255 SEC
KMMC LOCK OUT TM	30 SEC	10–255 SEC
LCR ADVANCE TIME	5 SEC	1–255 SEC
LCR INTER DIGIT	5 SEC	1–255 SEC
MCL DELAY TIME	4 SEC	1-8 SEC
OFF HOOK RING INT	15 SEC	1–255 SEC
OFF HOOK SELECT	5 SEC	1–255 SEC
OHVA ANSWER TIME	10 SEC	1–255 SEC
OVERLAP INT DGT	7 SEC	1 - 15 SEC
PAGE TIME OUT	20 SEC	1–255 SEC
PAGE TONE TIME	500 MS	100–2500 MS
PARK RCALL TIME	45 SEC	0–255 SEC
PC-MMC LOCK OUT	5 MIN	1–60 MIN
POWER DOWN TIME	200 MS	100–2500 MS
RECALL DISCONECT	45 MIN	1–255 MIN
RECALL WAIT TIME	15 SEC	1–255 SEC
SMDR START/DP	30 SEC	1–255 SEC
SMDR START /DTMF	15 SEC	
SYS HOLD RECALL	45 SEC	0-255 SEC
TRANSFER RECALL	20 SEC	0-255 SEC
UCDS AUDIO ALARM	0 SEC	0-990 SEC
UCDS VISUAL ALAM	0 SEC	0-990 SEC
VOICE DIAL DELAY	8 SEC	05-15 SEC
R/D RING ON	15 SEC	0-99 SEC
R/D SIGNAL ON	02 SEC	0-99 SEC
VMS UCD MSG TIME	05 SEC	0-99 SEC
PERI UCD STATS	05 MIN	0-99 MIN

TIMER DESCRIPTIONS

AA INT DGT TIME: This timer controls the grace period between dialling valid digits before transferring call to INVLID DEST as set in MMC 733 on a per-plan basis.

AA NO ACT TIME: If no digits are received by the AA module, this timer will expire and transfer the call to the destination set in MMC 733 NO ACT DEST.

AA TRANS TIME: After this time, compare input digit with AA translation table (MMC 732) and transfer to destination.

ALERT TONE TIMER: This timer sets the duration of the attention tone preceding a call to a keyset in the Voice Announce or Auto Answer mode. This tone will also precede a forced Auto Answer call.

ALM REM INTERVAL: This timer controls the time between ring attempts at a station when alarm reminder is set.

ALM REM RING OFF: This timer controls the length of the ring cycle duration when alarm reminder is set at a station.

ATT RECALL TIME: This is the length of time a transfer recall will ring at a station before recalling the operator.

AUTO REDIAL INT: This timer controls the time between attempts after RETRY dialling is set on a station.

AUTO REDIAL RLS: This timer controls the duration of a Ring No Answer condition on a retry number dialled before the auto redial is automatically cancelled.

DCS70 – BARGE IN TONE: This timer controls the intervals between the tones sent to the keyset that is being barged in on.

CALLBACK NO ANS: This timer controls the time before the callback is automatically cancelled when a callback detects Ring No Answer.

CAMP ON RECALL: This timer controls the duration of time a camped-on call will stay at a destination before recalling to the transferring station.

CLIP DISPLAY TIME: The amount of time that the Calling Line ID information remains on the keyset's display.

CLIP MSG RECEIVE: The amount of time that the system will allow a valid message from the CO

CLEAR CO TIME: The length of time a DTS key remains busy after cleardown.

CO CONFIRM TIME: After this time, the outgoing call is disconnected or you can hear the confirm tone.

CO-CO DISCONNECT: This timer monitors the duration of a unsupervised conference; when it expires, both trunks are disconnected.

CONFIRM TONE TIME: The time tone confirmation is heard when a feature is activated or deactivated.

CRD TONE INT TIME (Call Recording Tone Interval Time): This timer controls the timing of intervals between the tones which indicates the call is recorded by Cadence.

DATA EXIT TIME : Not used now.

DATA OTASK TIME : Not used now.

DIAL PASS TIME: This timer is the wait time for preventing the mis-dialling of an outgoing call. After the last digit has been dialled, the voice path is connected.

DISA DISCONNECT: This timer controls the maximum duration of a DISA call.

DISA LOCK OUT TIMER: This timer controls the duration of time a DISA call is not allowed to be made after the DISA error counter has expired (MMC 500).

DISA NOANS DISC.: This timer controls the duration of time a DISA call is disconnected by force when called party does not answer.

DISA PASS CHECK: This timer defines the time before the system clears the incorrect passcode counter.

DISPLAY DELAY TIMER: This timer controls the duration a display is shown in the LCD display. This timer also controls the duration of time that error tone is heard.

DOOR LOCK RELEASE: This timer controls the time the door lock relay will be activated.

DOOR RING DETECT: This timer controls the time the Door Phone button must be pressed before the call is recognised by the DCS system.

DOOR RING OFF TM: This timer controls the duration of ringing at the door ring destination before automatically cancelling.

E-HOLD RECALL TM: This timer controls the duration of time a call is held exclusively at a station before recalling.

EXT. FWD DELAY TM: This timer controls the External Call Forward feature which determines the duration a station will ring before the call externally forwarded.

FIRST DIGIT TIME: This timer controls how long the system will wait for dialling to begin before dropping the dial tone and returning the user to error tone.

HOK FLASH MAX TM: This timer monitors the duration of a hookswitch flash from an SLI Port to ensure the flash is valid and is not line noise or an accidental hookswitch bounce (LONGEST DURATION).

HOK FLASH MIN TM: This timer monitors the duration of a hookswitch flash from an SLI Port to ensure the flash is valid and not line noise or an accidental hookswitch bounce (SHORTEST DURATION).

HOOK OFF TIME: This timer controls the time before dial tone is sent to a single line station.

HOOK ON TIME: This timer sets the minimum amount of time that the system will recognise as an SLT hang up.

INQUIRY RELEASE: This timer monitors the duration of the interaction of the soft key to determine when to return the LCD back to a normal status. This timer affects only display phones.

INTER DIGIT TIME: This timer controls the grace period between dialling valid digits before dropping the call and returning the user back to error tone.

KMMC DIGIT TIME: This timer controls the maximum period between programming actions while in a programming session. When the timer expires, the DCS system automatically returns the system to secure programming status.

LCR ADVANCE TIME: This timer controls the duration of time before selecting the next allowable route when a station is allowed to route advance.

LCR INTER DIGIT: This timer controls the period between dialling valid digits before dropping the call and returning the user back to error tone.

MCL DELAY TIME: This timer controls the time when the system should start transmitting Authorisation code after sending MCL Access code.

OFF HOOK RING: This timer controls the duration of time between ring bursts to a user who has a camped-on call.

OFF HOOK SELECT: This timer controls the period before placing a internal/external call as programmed in MMCs 306 and 307.

OHVA ANSWER TIME: This timer controls the time duration of an OHVA call before automatic rejection.

DCS 70 – OVERLAP INT DGT: This timer controls the grace period between receiving address information in overlap receiving mode via BRI / PRI line. After expiration of this timer the system operator will be alerted.

PAGE TIME OUT: This timer controls the maximum duration of a page announcement.

PAGE TONE TIME: This timer controls the duration of tone burst heard over the page prior to the page announcement.

PARK RECALL TIME: This timer controls the duration of time a call is parked before recalling to the call park originator.

PC-MMC LOCK OUT: This timer monitors the PCMMC activity. When the timer expires, the PCMMC link is dropped and the DCS system is returned to secure program status.

POWER DOWN TIME: This timer monitors the power to the ROM pack to begin shutdown status.

RECALL DISCONNECT: This is the time an attendant recall will ring before being disconnected.

RECALL WAIT TIME: This is the time any recall (hold or transfer) continues to recall at your station before it recalls to the operator.

SMDR START/DIAL PULSE(ROTARY): This timer starts SMDR recording for rotary dialling. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration is the same.

SMDR START/DTMF: This timer starts SMDR recording for touch-tone dialling. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration is the same.

SYS HOLD RECALL: This timer determines the time calls can be left on hold before recalling back to the holding station. This is a system-wide timer. Setting timer to 000 will disable this feature and no recalling will take place.

TRANSFER RECALL: This timer determines the time transferred calls ring before recalling. This is a system-wide timer.

UCDS AUDIO ALARM: This timer determines when to operate an audio alarm for the UCD supervisor if the longest waiting call has reached this time.

UCDS VISUAL ALAM: This timer determines when to operate a visual alarm for the UCD supervisor when the longest waiting call has reached this time.

VOICE DIAL DELAY: This timer monitors the duration of the interaction between main software and voice dialler.

MMC 502:   Station Timer

DESCRIPTION:

Allows certain station timer values to be changed on a per-station basis or for all stations. *It is not advisable to change these values without assistance from Technical Support.*

1	NO ANS FWD	This timer controls the how long the station will ring before Forward on no answer takes place. (Range: 001- 255 sec.)
2	DTMF DUR.	This timer governs the duration of DTMF digits which are transmitted to an external VM system port. It will be useful when some of VMS system fails to accept valid DTMF digit being transmitted from DCS system through SLT port. (Range: 100 - 9900 msec.)
3	F - DGT DELY	This timer allows the technician to insert a suitable delay prior to generating DTMF digits, for use with VMS In Band Integration. (Range: 00- 9900 msec)

NOTE: It is reasonable for the Technician to use trial and error to find **a** suitable value for 2 and 3 above according to the characteristics of the selected VM system.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 502
    Display shows

    ```
    [201] NO ANS FWD
    010 SEC →
    ```

2. Dial station number (eg., 205)
    OR

    ```
    [205] NO ANS FWD
    010 SEC →
    ```

    Press UP or DOWN key to select station and
    press RIGHT soft key
            OR
    Press ANS/RLS to select all stations and
    press RIGHT soft key

    ```
    [ALL] NO ANS FWD
    010 SEC →
    ```

3. Enter the new value (must be three digits)
    via dial key pad (eg., 020)
    System will return to step 2

    ```
    [205] NO ANS FWD
    010 SEC → 020
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NO ANS FWD**   **015 SEC**
                        DTMF DURATION   **100 MSEC**
                        FIRST DGT DELAY   **600 MSEC**
RELATED ITEMS: **MMC 102 Call Forward**
                        MMC 207 Assign VM/AA Port

MMC 726 VM/AA Options

MMC 503:   Trunk-Wide Timer

DESCRIPTION:

Allows certain trunk timer values to be changed on a per-trunk basis or for all trunks. It is not advisable to change these values (with the exception of trunk flash time) without assistance from Technical Support.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 503
    Display shows

[701] ANS. BAK TM
0600   MS →

2. Dial trunk number (eg., 704)
            OR

[704] ANS. BAK TM
0600   MS →

    Press UP or DOWN key to select trunk and
    press RIGHT soft key to move cursor
            OR
    Press ANS/RLS to select all trunks and
    press RIGHT soft key to move cursor

[ALL] ANS. BAK TM
0600   MS →

3. Dial timer number from list below
            OR

[704]   DTMF DUR.
0100   MS →

    Press UP or DOWN key to select timer and
    press RIGHT soft key to move cursor

4. Enter new timer value
    (must be four digits, eg., 0700)
    System returns back to step 2

[704]   DTMF DUR.
0100   MS → 0700

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **See Below**

RELATED ITEMS :   **NONE**

TIMER NUMBER	TIMER NAME	VALUE	RANGE
00	ANS. BAK TM	600 MSEC	100-2500 MSEC
01	CLEARING	2000 MSEC	2000 - 5000 MSEC
02	CO SUPV TM	400 MSEC	100-2500 MSEC
03	DTMF DUR.	100 MSEC	100-2500 MSEC
04	FDGT DELY	600 MSEC	100-2500 MSEC
05	FLASH TIME	700 MSEC	100-2500 MSEC
06	NO RING TM	004 SEC	001-255 SEC
07	PAUSE TIME	003 SEC	001-255 SEC
08	PRS DET TM		000-2500 MSEC
09	RNG DET. TM	300 MSEC	100-2500 MSEC

10	WINK	200 MSEC	100-300 MSEC
11	MF/DP INT		100-9900 MSEC
12	MFR DLY TM		00-25 SEC

Note: 08, 11 and 12 are new options for DCS24, and DCS 70 and DCS 200 Version 6

MMC 504:   Pulse Make/Break Ratio

DESCRIPTION:

Allows the technician to change the value of pulses per second and the duration of the make/break time. This will only affect rotary dial trunks. Not DX408i.

FEATURE KEYS

>   Dial 0   Make/Break ratio (01-99)
>   Dial 1   Pulse Per Second (10 or 20)

PROGRAM KEYS

>   UP & DOWN   Used to scroll through options
>   KEYPAD   Used to enter selections
>   SOFT KEYS   Move cursor left and right
>   SPK   Used to store data and advance to next MMC

	ACTION	DISPLAY

ACTION   **DISPLAY**

1.   Press TRSF 504
      Display shows

      | MAKE/BREAK RATIO |
      | 33 MAKE → |

2.   Dial 0 or 1 for option
               OR
      Press UP or DOWN key for selection and
      press RIGHT soft key to move cursor

      | PULSES PER SECOND |
      | 10 PPS → _ |

3.   Dial in new value and system
      returns to step 2

      | PULSES PER SECOND |
      | 10 PPS → 20 |

4.   Press TRSF to store and exit
               OR
      Press SPK to store and advance to next
MMC

DEFAULT DATA: **MAKE/BREAK = 33**
                         PULSES PER SECOND = 10

RELATED ITEMS: **MMC 402 TRUNK DIAL TYPE**

MMC 505: Assign Date and Time

DESCRIPTION:

Allows the system date and time to be set. This will set the system-wide clock.

FEATURE KEYS

W	Day	0-6 (0: SUN, 1: MON, 2: TUE, 3: WED, 4: THU, 5: FRI, 6: SAT)
MM	Month	01-12
DD	Date	01-31
YY	Year	00-99 (1990-2089)
HH	Hour	00-23
MM	Minute	00-59

PROGRAM KEYS

KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 505
   Display shows

   ```
   OLD :6 0 1 0 1 8 4:0 0 4 7
   NEW:W M M D D Y Y:H H M M
   ```

2. Enter new time and date using above table
   System returns to step 2

   ```
   OLD :6 0 1 0 1 8 4:0 0 4 7
   NEW:3 0 2 0 9 9 4:1 4 4 5
   ```

3. Verify time and date
   Re-enter if necessary

   ```
   OLD :3 0 2 0 9 9 4:1 4 4 5
   NEW:W M M D D Y Y:H H M M
   ```

4. Press TRSF to store and exit
            OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **Depends on Software Version**

RELATED ITEMS: **NONE**

MMC 506:   Tone Cadence

DESCRIPTION:

Allows the technician to customise the tone cadence on a system-wide basis. There are ten tone cadences available. The tone control of the cadence may be changed from interrupt tone to continuous tone. Some DCS systems may require default settings to comply with local operating companies.

FEATURE KEYS

OPTIONS KEY

0   CONTINUOUS TONE
1   INTERRUPT TONE

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

TONES

BUSY TONE	CONFM/BARGE	DIAL TONE	DND/NO MORE
ERROR TONE	HOLD/CAMPON	MSGWAT TONE	RGBACK TONE
RING TONE	TRSFER TONE	DID RINGBACK	CO BUSY
CO RINGBACK	CO DIAL TONE		

ACTION   **DISPLAY**

1. Press TRSF 506
    Display shows

    ```
    BUSY TONE
    INTERRUPT TONE
    ```

2. Press UP or DOWN key to select tone
    Press LEFT soft key and advance to step 3

    ```
    TRSFER TONE
    INTERRUPT TONE
    ```

3. Press UP or DOWN key to select tone
    control
    Press RIGHT soft key to advance to step 4
            OR
    Press LEFT soft key to return to step 2

    ```
    TRSFER TONE
    INTERRUPT TONE
    ```

4. Dial in new value for interrupt times
    (must be four digits)
    Press RIGHT soft key advances cursor
    Press LEFT soft key retreats cursor back
    If valid entry, system returns to step 2

    ```
    TRSFER TONE: 0100
    0100  0100  0100
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **SEE LIST BELOW**

TONE	ON	OFF	ON	OFF
BUSY TONE	350	350	350	350
CONFIRM/BARGE-IN TONE	50	50	50	50
DIAL TONE	CONTINUOUS			
DND/NO MORE TONE	250	250	250	250
ERROR TONE	CONTINUOUS			
HOLD/CAMP-ON TONE	500	3500	500	3500
MESSAGE WAIT TONE	CONTINUOUS			
RING BACK TONE	400	200	400	200
RING TONE	1000	3000	1000	3000
TRANSFER TONE	100	100	100	100
DID RINGBACK (Note 2)	2000	4000	2000	4000
CO BUSY (Note 2)	350	350	350	350
CO RINGBACK (Note 2)	400	200	400	2000
CO DIAL (Note 2)	CONTINUOUS			

NOTES:
1. All times are in milliseconds.
2. New for Version 6 and DCS24 software

RELATED ITEMS: NONE

MMC 507:   Assign Auto Night Time

DESCRIPTION:

Enters the system into night mode automatically by utilising time and day tables. A NIGHT key is not needed as the system will switch automatically, it is helpful to have a dedicated button so the status can be manually changed. The start time is the time the system will switch from day to night service on the day being programmed. The end time is the time the system changes from Night Service to Day Service on the day being programmed.

FEATURE KEYS

0	SUN	4	THU
1	MON	5	FRI
2	TUE	6	SAT
3	WED		

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1. Press TRSF 507
   Display shows

   ```
   NIGHT TIME     (SUN)
   ST : _         END :
   ```

2. Dial day number (0-6 eg., 3)
            OR
   Press UP or DOWN key to select day and
   press RIGHT soft key to advance cursor
   to step 3

   ```
   NIGHT TIME     (WED)
   ST : _         END :
   ```

3. Dial in start time for night (1730)
   If time entered is valid, cursor moves to end time
   Enter end time If time entered is valid, system
   returns to step 2

   ```
   NIGHT TIME     (WED)
   ST : 1730      END : 0800
   ```

4. Press TRSF to store and exit
            OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: **START 0000**
                      END 0000

RELATED ITEMS: **MMC 722 STATION KEY PROGRAMMING**
                       MMC 723 SYSTEM KEY PROGRAMMING

(Note this MMC updated 5th October 1999 – start and end time explanations corrected)

MMC 508:   Call Cost

DESCRIPTION:

Allows the System Administrator to program Call Cost parameters so the Call Cost can be calculated from number of Meter Pulses received by the DCS from the Network. The Call Cost can be displayed on the LCD during a call or as an SMDR record. Attributes are listed below.

0. UNIT COST PER MP   This value is multiplied by the number of Meter Pulses to calculate Call Cost.

1. CALL COST RATE   The CALL COST is multiplied by this value to give final Call Cost.

WARNING !!!

Beware of changing this value when there is a being progressed CO line under MP detection may result in inaccurate call cost.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 508
    Display shows

```
UNIT COST PER MP
0200 CENT
```

2. Dial 0 or 1
            OR
    Press UP or DOWN key for selection and
    press RIGHT soft key to move cursor

```
UNIT COST PER MP
0200 CENT _
```

3. Enter new value (eg., 111 for 111 percent)

    System returns to step 2

```
CALL COST RATE
100 %            111
```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
MMC

```
CALL COST RATE
111 %   →
```

DEFAULT DATA: **UNIT COST PER MP**   **200 CENT (K)**
                       CALL COST RATE   **100 PRECENT**

RELATED ITEMS: **MMC 110**   **CALL COST DISP**
                       MMC 414   **MPD/PRS**

MMC 509:   CO Tone Cadence

DESCRIPTION:

Allows the technician to program the DCS system so that it recognises tones sent from the analog Trunk Network on a system-wide basis. There are three(3) types of tones available through this MMC.The control of the tone cadence may be changed from interrupt tone to continuous tone.

Changing these values may violate Austel Regulations.

The tones are mainly used in conjunction with the Automatic Redial Feature.

When busy tone is detected from the Network, the call will be automatically released and will be queued for next trial after expiration of Auto-redial Interval Timer (MMC 501).

FEATURE KEYS

OPTIONS KEY

    0   CONTINUOUS TONE
    1   INTERRUPT TONE

PROGRAM KEYS

    UP & DOWN   Used to scroll through options
    KEYPAD   Used to enter selections
    SOFT KEYS   Move cursor left and right
    SPK   Used to store data and advance to next MMC

TONES

BUSY TONE   RGBACK TONE   DIAL TONE

ACTION   **DISPLAY**

    1.   Press TRSF 509   ┌─────────────────────┐
          Display shows   │ CO BUSY TONE   │
                                            │ INTERRUPT TONE   │
                                            └─────────────────────┘

    2.   Press UP or DOWN key to select tone   ┌─────────────────────┐
          Press LEFT soft key and advance to step 3 │ CO RGBACKTONE   │
                                            │ INTERRUPT TONE   │
                                            └─────────────────────┘

    3.   Press UP or DOWN key to
          select tone control
          Press RIGHT soft key to advance to step 4
                  OR
          Press LEFT soft key to return to step 2

CO RGBACK	T: 0400	
0200	0400	2000

4.   Dial in new value for interrupt times
        (must be four digits)
        Press RIGHT soft key advances cursor
        Press LEFT soft key retreats cursor back
        If valid entry, system returns to step 2

5.   Press TRSF to store and exit
                OR
        Press SPK to store and advance to next
    MMC

DEFAULT DATA: SEE LIST BELOW

TONE	ON	OFF	ON	OFF
BUSY TONE	**350**	**350**	**350**	**350**
DIAL TONE	**1000**	**250**	**1000**	**250**
RING BACK TONE	**400**	**200**	**400**	**200**

NOTE: All times are in milliseconds.

RELATED ITEMS: NONE

MMC 510:   SLT Message Wait Cadence

DESCRIPTION:

Provides the ability to customise the SLT Message Wait LED cadence. There are two cadences available, CONTINUOUS & INTERRUPT. The LED cadence control may be changed from interrupt to continuous. The default setting of interrupt cadence is from 2000 to 2000.
  The two options are as follows ;

- CONTINUOUS   : When a Message is accepted, the SLT (that has Message Wait LED), the Message wait LED will be turned on continuously.
- INTERRUPT   : When a Message is accepted, the SLT the Message wait LED will filcker. On selection of the INTERUPT mode the cadence can be modified. The default cadence is 2 seconds on and 2 seconds off.

FEATURE KEYS

OPTIONS KEY

>   0   CONTINUOUS
>   1   INTERRUPT

PROGRAM KEYS

>   UP & DOWN   Used to scroll through options
>   KEYPAD   Used to enter selections
>   SOFT KEYS   Move cursor left and right
>   SPK   Used to store data and advance to next MMC

ACTION   **DISPLAY**

>   1.   Press TRSF 510   ┌─────────────────────────┐
>   Display shows   │ MW LED CADENCE   │
>   │ CONTINUOUS LED   │
>   └─────────────────────────┘

>   2.   Press UP or DOWN key to select cadence   ┌─────────────────────────┐
>   Press RIGHT soft key and advance to step 3 │ MW LED CADENCE   │
>   │ INTERUPT LED   │
>   └─────────────────────────┘

>   3.   Dial in new value for interrupt times   ┌─────────────────────────┐
>   (must be four digits)   │ MW LED CADENCE   │
>   │ 2000 2000   │
>   └─────────────────────────┘
>
>   Press LEFT soft key retreats cursor back
>   If valid entry, system returns to step 2

>   4.   Press TRSF to store and exit
>   OR
>   Press SPK to store and advance to next
>   MMC

DEFAULT DATA:

NOTE: All times are in milliseconds.

RELATED ITEMS: NONE

MMC 510:   SLT Ring Cadence

Applicable to DCS 24, DCS 70 and DCS 200 with Version 6 software installed

DESCRIPTION:

Used to set ring cadence for SLI ports. Options are:

1	Station ring
2	Trunk ring
3	Door ring
4	Alarm ring
5	Callback ring

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY

1. Press TRSF 510
   Display shows

```
1: STN RING  : 1000
3000 1000 3000
```

2. Press UP or DOWN key to select option from above
   table (e.g. 2)

```
2: TRK RING  : 0400
0200 0400 3000
```

3. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA:	1= 1000	3000	1000	3000
	2= 0400	0200	0400	3000
	3= 0400	0100	0400	2000
	4= 0200	0200	0200	2000
	5= 0200	0200	0200	4000

RELATED ITEMS: None

MMC 511: SLT Message Wait Cadence

Applicable to DCS 70 and DCS 200 with Version 6 software installed. Not applicable to DCS 24.

DESCRIPTION:

Provides the ability to customise the SLT Message Wait LED cadence. The default setting of interrupt cadence is ON:1000 OFF: 1000.
To set continuous cadence should be set to. ON: 0000 OFF: 0000.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION

DISPLAY

1. Press TRSF 511
   Display shows

   ```
   MW LAMP CADENCE
   ON: 1000  OFF: 1000
   ```

2. Dial in new value for interrupt times
   (must be four digits)
   Cursor will advance to OFF selection

   ```
   MW LAMP CADENCE
   ON: 3000  OFF: 1000
   ```

3. Dial in new value for interrupt times
   (must be four digits)

   If valid entry, system returns to step 2

   ```
   MW LAMP CADENCE
   ON: 3000  OFF: 3000
   ```

4. Press TRSF to store and exit
           OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **ON: 1000**   **OFF: 1000**

NOTE: All times are in milliseconds.

RELATED ITEMS: **NONE**

MMC 512:   Assign Holiday

Applicable to DCS 24, DX408, DCS 70 and DCS 200 with Version 6 software installed

DESCRIPTION:

Assigns holiday dates to a system for the current year. System will remain in Night Service for those periods assigned. Up to 60 dates may be entered.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION

1. Press TRSF 512
   Display shows

2. Press UP or DOWN key to select option 01-60

3. Using keypad, enter date in format MMDD. For example, 25th December would be 1225

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DISPLAY

```
ASSIGN HOLIDAY
01:
```

```
ASSIGN HOLIDAY
01:
```

```
ASSIGN HOLIDAY
01: 1225
```

DEFAULT DATA: None

RELATED ITEMS: None

MMC600: Assign Operator Group

DESCRIPTION:

Used to assign members to the operator group. There are several options that can be selected for ringing, overflow, group transfer and overflow destination. There are a maximum of 32 members allowed in one group. The operator group is automatically assigned group number 500.

Note: In DCS/Compact System: maximum 30 of members are allowed in one group.

FEATURE KEYS

0	RING	Ring mode
1	OVERFLOW	Overflow time
2	GRP TRSF	Group transfer time
3	NEXT PORT	Overflow port
4	MEMBER	Group member (eg., station 202)

RING MODES

0   SEQUENTIAL   The first idle station listed in the group will ring. If the first is busy, the next idle station will ring.

1   DISTRIBUTE   The first call will ring the first station listed in the group. The next call will ring the next station listed in the group.

2   UNCONDITION   All the stations listed in the group will ring. Busy stations will receive off-hook ring (MAX 32 STATIONS RINGING).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION / DISPLAY

1. Press TRSF 600
    Display shows

    ```
    [500] OPER.GROUP
    RING:UNCONDITION
    ```

2. Dial feature option (0–4, eg., 3)

    ```
    [500] OPER.GROUP
    NEXT PORT:NONE
    ```

        OR
    Press RIGHT soft key to select option and move cursor to next step

3   Press RIGHT soft key to move cursor

    ```
    [500] OPER.GROUP
    NEXT PORT:NONE
    ```

4. Dial in value for port (eg., 205)
    If valid entry, system returns to step 2

    ```
    [500] OPER.GROUP
    NEXT PORT:205
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: RING MODE   NONE
OVERFLOW TIME   000 SEC
GRP TRSF TIME 000 SEC
NEXT PORT   NONE
GROUP MEMBER   MEMBER 01:201
OTHER MEMBER   NONE

RELATED ITEMS: MMC 211 DOOR RING ASSIGNMENT
MMC 212 ALARM RINGING STATION
MMC 406 TRUNK RINGING ASSIGNMENT
MMC 601 ASSIGN STATION GROUP
MMC 602 STATION GROUP NAME

MMC 600:   Assign Operator Group

Applicable to DCS 24, DCS 70 and DCS 200 with Version 6 software installed

DESCRIPTION:
Used to assign the operator group for DAY mode and NIGHT mode.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 600
    Display shows

```
OPERATOR  GROUP
D: 500      N:500
```

2. Enter in desired group number eg. 502 OR scroll through
    group options using VOL+/- keys press RIGHT soft key to
    enter selection and move cursor to N(night)

```
OPERATOR  GROUP
D: 502      N:500
```

3. Enter in desired group number eg. 503 OR scroll through
    group options using VOL+/- keys press RIGHT soft key to
    enter selection

```
OPERATOR  GROUP
D: 502      N:503
```

5. Press TRSF to store and exit
              OR
    Press SPK to store and advance to next MMC

NOTE: GROUP 500 MEMBERS, NEXT PORT ETC ARE DEFINED IN MMC 601

DEFAULT DATA: Day: 500 Night: 500

RELATED ITEMS: **MMC 211 Door Ring Assignment**
                   MMC 212 Alarm Ringing Station
                   MMC 406 Trunk Ringing Assignment
                   MMC 601 Assign Station Group
                   MMC 602 Station Group Name

MMC 601:   Assign Station Group

DESCRIPTION:

This program is much like MMC 600 Assign Operator Group but this one is for stations only. The station groups that are available in this MMC will provide more flexibility in the usage of Uniform Call Distribution (UCD), AA GROUP and VM/AA applications. A station, Common bell, and Ring Page can be in more than one group, but must all be the same ring type. There is a maximum of 48 members per group.

NOTE:

1.   A device for announcement if used must provide a hookflash and return the call back to the group. If a station is in more than one group and attempts to use the IOG key, it will be removed from all groups.

2.   In DCS/Compact System: maximum 30 of members are allowed in one group.

GROUP TYPES

0	NORMAL GROUP	
1	VMAA GROUP	Can only have distribute or sequential ringing.
2	UCD GROUP	Has wrapup capability.
3	AA GROUP	Can only have distribute or sequential ringing.

Other possible entries:

3801–3820	COM. BELL	This device is a common bell relay on a Trunk A card.
3601–3640	RING PAGE	This device is ring over an external page zone output of a Trunk A card.

FEATURE KEY

0	TYPE	Group type (Normal, VM/AA, UCD)
1	RING	Ring mode
2	OVERFLOW	Overflow time
3	GRP TRSF	Group transfer time
4	WRAP-UP	Wrap-up time (timer only valid in type = UCD)
5	NEXT PORT	Overflow port
6	MEMBER	Group member (eg., station 202)

RING MODES

0	SEQUENTIAL	The first idle station listed in the group will ring. If the first is busy, the next idle station will ring.
1	DISTRIBUTE	The first call will ring the first station listed in the group. The next call will ring the next station listed in the group.
2	UNCONDITION	All the stations listed in the group will ring, busy stations will receive off-hook ring. MAXIMUM 32 STATIONS RINGING.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 601
   Display shows

   ```
   [501] STN.GROUP
   TYPE:NORMAL GRP
   ```

2. Dial group number (eg., 505)
            OR

   ```
   [505] STN.GROUP
   TYPE:NORMAL GRP
   ```

   Press UP or DOWN key to select group and press LEFT
   soft key to move cursor to type of group, DIAL group type
   (0–2, eg., 1)
            OR
   Press UP or DOWN key to make a selection and press
   LEFT soft key to move cursor to TYPE

   ```
   [505] STN GROUP
   TYPE:VMAA
   ```

3. Dial Feature option number (0–6, eg., 0)
            OR

   ```
   [505] STN GROUP
   RING:SEQENTIAL
   ```

   Press UP or DOWN key to make selection and press
   RIGHT soft key to move cursor to ring value

4. Dial ring option (0–2, eg., 1)
            OR

   ```
   505] STN GROUP
   [RING:DISTRIBUTE
   ```

   Press UP or DOWN key to make selection and press
   LEFT soft key to move cursor back to RING or press
   RIGHT soft key to return to step 2

5. Dial next feature option and continue
            OR

   ```
   [505] STN GROUP
   RING:DISTRIBUTE
   ```

   Press UP or DOWN key to select option
            OR
   Press LEFT soft key to return to step 2

6. Press TRSF to store and exit
            OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: NORMAL GROUP

RELATED ITEMS: MMC 203 ASSIGN UA DEVICE
**   MMC 204 COMMON BELL CONTROL**

MMC 601:   Assign Station Group

Applicable to DCS 24, DCS 70 and DCS 200 with Version 6 software installed

DESCRIPTION:

This program is similar to MMC 600 Assign Operator Group but this one is for stations only. With the DCS 70 Operator group group 500 is defined in this MMC also. The station groups that are available will provide more flexibility in the usage of Uniform Call Distribution (UCD), AA GROUP and VM/AA applications. A station, Common bell, and Ring Page can be in more than one group, but must all be the same ring type. There is a maximum of 48 members per group in DCS and 30 members in DCS 70 except for unconditional groups which are limited to 10 members.

NOTES:
1. A device for announcement if used must provide a hookflash and return the call back to the group.
2. In DCS Compact/DCS 70 Systems: maximum 30 of members are allowed in one group.
3. In DCS 70 Systems a unconditional ring group has a maximum of 10 members.
4. UCD groups may only be assigned to the following groups - DCS 70 - 510-519 with a maximum of 5 UCD groups, DCS 24 - 510-519 with a maximum of 3 UCD groups, DCS 200 – 520-529 with a maximum of 10 groups

GROUP TYPES:
0	NORMAL GROUP	
1	VMAA GROUP	Can only have distribute or sequential ringing.
2	UCD GROUP	Has wrap-up capability.
3	AA GROUP	Can only have distribute or sequential ringing.
4	CADENCE GROUP	When Cadence is installed it will create 529 as a Cadence group. Cadence must use this group. Cadence Lite will create 519 as a Cadence group.

Other possible entries:
3801–3820	COM. BELL	This device is a common bell relay on a Trunk A card.
363-365 DCS 70		Common relays are assignable in MMC 219
3601–3640	RING PAGE	This device is ring over an external page zone output of a Trunk A card.

FEATURE KEY

0	TYPE	Group type (Normal, VM/AA, UCD, Cadence)
1	RING	Ring mode
2	OVERFLOW	Overflow time
3	GRP TRSF	Group transfer time
4	NEXT PORT	Overflow port
5	MEMBER	Group member (eg., station 202)

RING MODES

0	SEQUENTIAL	The first idle station listed in the group will ring. If the first is busy, the next idle station will ring.
1	DISTRIBUTE	The first call will ring the first station listed in the group. The next call will ring the next station listed in the group.
2	UNCONDITION	All the stations listed in the group will ring, busy stations will receive off-hook ring. MAXIMUM 32 STATIONS RINGING. 10 STATIONS ON DCS 70.

PROGRAM KEYS

UP & DOWN   Used to scroll through options
KEYPAD   Used to enter selections
SOFT KEYS   Move cursor left and right
SPK   Used to store data and advance to next MMC
HOLD   Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 601   ┌─────────────────────┐
    Display shows   │ [501] STN.GROUP   │
                                            │ TYPE:NORMAL GRP   │
                                            └─────────────────────┘

2. Dial group number (eg., 505)   ┌─────────────────────┐
                OR   │ [505] STN.GROUP   │
    Press UP or DOWN key to select group and press LEFT │ TYPE:NORMAL GRP │
    soft key to move cursor to type of group, DIAL group type └─────────────┘
    (0–2, eg., 1)
                OR
    Press UP or DOWN key to make a selection and press ┌─────────────────┐
    LEFT soft key to move cursor to TYPE   │ [505] STN GROUP │
                                            │ TYPE:VMAA   │
                                            └─────────────────────┘

3. Dial Feature option number (0–6, eg., 0) ┌─────────────────────┐
                OR   │ [505] STN GROUP   │
                                            │ RING:SEQENTIAL   │
    Press UP or DOWN key to make selection and press └────────────┘
    RIGHT soft key to move cursor to ring value

4. Dial ring option (0–2, eg., 1)   ┌─────────────────────┐
                OR   │ 505] STN GROUP   │
    Press UP or DOWN key to make selection and press │ [RING:DISTRIBUTE │
    LEFT soft key to move cursor back to RING or press └───────────┘
    RIGHT soft key to return to step 2

5. Dial next feature option and continue   ┌─────────────────────┐
                OR   │ [505] STN GROUP   │
                                            │ RING:DISTRIBUTE   │
    Press UP or DOWN key to select option   └─────────────────────┘
                OR
    Press LEFT soft key to return to step 2

6. Press TRSF to store and exit
                OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: NORMAL GROUP

RELATED ITEMS: **MMC 203 ASSIGN UA DEVICE**
                          MMC 204 COMMON BELL CONTROL

DCS 70 NOTE: **STA GROUPS RANGE = 501 – 519**
                          STA GROUPS 501 – 509 ARE NOT ABLE TO BE ASSIGNED AS UCD GROUP.
                          MAXIMUM OF 5 UCD GROUPS
                          MAXIMUM OF 30 MEMBERS IN ANY STA GROUP.
                          MAXIMUM OF 10 MEMBERS FOR ANY UNCONDITIONAL RING GROUP

MMC 602: Station Group Name

DESCRIPTION:

Allows the system administrator or technician to enter a 11 character name to identify an individual station group.

Names are written using the keypad. Each press of a key will select a character. Pressing the next key will move the cursor to the next position. For example, if the directory name is "SAMSUNG," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable key will change the letter from upper case to lower case.

NOTE: When the character that you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right or the DOWN key to move cursor left. A space can be entered by using these keys.

COUNT	1	2	3	4	5
DIAL 0	Q	Z	.	)	0
DIAL 1	space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	R	S	&	7
DIAL 8	T	U	V	✶	8
DIAL 9	W	X	Y	(	9
DIAL ✶	:	=	[	]	✶

The # key can be used for special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

	ACTION	DISPLAY
1.	Press TRSF 602 Display shows	[5̲01] SGR NAME
2.	Dial group number (eg., 505) 　　　　OR Press UP or DOWN key to make selection and press LEFT or RIGHT soft key to move cursor	[505] SGR NAME _
3.	Enter in name using above method and table	5̲05] SGR NAME SAMSUNG

4. Press LEFT or RIGHT soft key to return to step 2
              OR
    Press TRSF to store and exit
              OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: NONE

RELATED ITEMS: MMC 104 STATION NAME
**   MMC 404 TRUNK NAME**
**   MMC 600 ASSIGN OPERATOR GROUP**
**   MMC 601 ASSIGN STATION GROUP**

MMC 603: Assign Trunk Group

DESCRIPTION:

Allows the assignment of trunks to a specific trunk group or to several trunk groups. This is very useful in the programming of LCR when more than one trunk is to be in several dialling plans. There are two different modes of operation: (1) sequential and (2) distribute.

WARNING: As stated above, one trunk can appear in more than one trunk group. If necessary, delete the trunk member from other groups to prevent accidental access.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

	ACTION	DISPLAY
1.	Press TRSF 603 Display shows	[0] TRK GROUP MODE:SEQUENTIAL
2.	Enter in valid trunk group (eg., 0, 80–89). Press ANS/RLS key to select all trunks OR Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor	[81] TRK GROUP MODE:SEQUENTIAL
3.	Press RIGHT soft key to change mode OR Press UP or DOWN key to change mode to member	[81] TRK GROUP MEMBER 01:NONE
4.	Press RIGHT soft key to move cursor to number of member and enter valid member number (1–80, eg., 05) via dial key pad OR Press UP or DOWN key to make selection and press RIGHT soft key to move cursor	[81] TRK GROUP MEMBER 05:NONE
5.	Enter valid trunk number (eg., 729) OR Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2	[81] TRK GROUP MEMBER 01:729
6.	Use HOLD key to remove trunk from group	
7.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: ALL TRUNKS ARE IN TRUNK GROUP 0

RELATED ITEMS:　　LCR PROGRAMMING
　　　　　　　　　TENANT PROGRAMMING

MMC 604:   Assign Station To Page Zone

DESCRIPTION:

Allows the technician to assign a keyset to any of the four internal paging zones and all call page (page plus ∗). The total number of keysets that can receive a page is limited to 80. A keyset may be assigned to more than one zone.

The assignment is controlled by the use of class marks. If a keyset is flagged as "1" in a zone column, it will receive pages for that zone. If the keyset is flagged as "0," it will not receive pages for that zone. Keysets can receive pages for more than one zone or can be programmed not to receive an all call page.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear entry

	ACTION	DISPLAY
1.	Press TRSF 604 Display shows	ENTRY:STN :1234∗ 01:NONE:00001
2.	Enter index number (01–80, eg., 05) via dial key pad OR Press UP or DOWN key to make selection And press RIGHT soft key to move cursor	ENTRY:STN :1234* 05:NONE:00001
3.	Enter station number (eg., 205) via dial key pad OR Press UP or Down key to make selection and press RIGHT soft key to move cursor	ENTRY:STN :1234∗ 05:205 :00001
4.	Move cursor under page zone desired by pressing UP or DOWN key and enter the digit 1 under zone and press RIGHT soft key to return to step 2 to continue with entries	ENTRY:STN :1234∗ 05:205 :01001
5.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: ALL STATIONS ASSIGNED TO ZONE 1
**   ALL ZONE IS SET**

RELATED ITEMS: NONE

MMC 605: Assign External Page Zone

DESCRIPTION:

Determines which relays will close when one of the four external page zones is accessed.

DCS NOTE: The system must be equipped with a Trunk A card to allow external paging. Each Trunk A card is equipped with two external page relays. The page relays have default DNs of 360X.
DCS 70 NOTE: A system must be equipped with a MISC card to allow external paging zones. Each MISC card is equipped with three common relays assigned in MMC 219.
DCS 24 NOTE: The DCS 24 has one external page zone (5).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION	DISPLAY
1. Press TRSF 605 Display shows first page zone	EXT. PAGE ZONE:(5) MEMBER 001:3601
2. Dial page zone number (eg., 6) 　　　　OR Use UP or DOWN to select desired page zone numbers and use press RIGHT soft key to move the cursor	EXT. PAGE ZONE:(6) MEMBER 001:NONE
3. Dial member number (eg., 05) 　　　　OR Use UP or DOWN to select member numbers and use the RIGHT soft key to move the cursor 　　　　OR Press the LEFT soft key to return to step 2 above	EXT. PAGE ZONE:(6) MEMBER 05: _
4. Dial relay number via dial key pad (eg., 3602) and press RIGHT soft key to return to step 2 　　　　OR Press LEFT soft key to return to step 3 above	EXT. PAGE ZONE:(6) MEMBER 005:3602
5. Press TRSF to store and exit 　　　　OR Press SPK to store and advance to next MMC	

DEFAULT DATA:　　　　**NONE**

RELATED ITEMS:　　　　**NONE**

DCS70 NOTE:　　　　**Paging output pairs are 361-page 1 (motherboard). 362-page 2 (MISC card). MMC 219 ASSIGN COMMON RELAY**

DCS24 NOTE:　　　　One external page port and one common relay are located on the base board. The page relay has default DNs of 361. Optional port is 362(MMC 219).

MMC 606:   Assign Speed Block

DESCRIPTION:

Provide a means of adding or deleting speed dial blocks to the system or an individual keyset. With the ability to delete a block or blocks of speed dial memory, it will not be necessary to waste blocks on such items as voice mail, SIMs, DPIMs or for stations that do not require the ability to use speed dial.

The Free List will show how many bins are left to be assigned. One block has a ten (10) entries. DCS has a 1500 entries maximum per system, 500 for System Speed and up to 50 on a per station maximum. The DCS 70 and DCS Compact have a maximum of 600 and 500 entries respectively, with a maximum of 500 for System Speed and 50 maximum per station. Accordingly, if the System Speed block has been assigned as 500 entries then 1000 entries on DCS, 100 on the DCS 70 and 0 on the DCS Compact can be shared by all extensions. DCS 24 has a maximum of 500 entries in a system: 300 for System Speed, while the rest can be allocated as personal numbers with a maximum of 50 per–station. For example, if the System Speed block has been assigned as 100 entries then 100 entries can be shared between the extensions. DX408 has a maximum of 300 per system.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to clear entry
TRSF	To exit programming

	ACTION	DISPLAY
1.	Press TRSF 606 Display shows	FREE LIST:<u>6</u>0 SYSTEM:20
2.	Press RIGHT soft key to advance cursor to next line	FREE LIST:60 <u>S</u>YSTEM:20
3.	Make a selection of SYSTEM or EXT using UP or DOWN key and press RIGHT soft key to advance cursor	FREE LIST:60 EXT<u>2</u>01:1
4.	Enter desired EXT number via dial key pad (eg., 205) OR Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor	FREE LIST:60 EXT205:<u>1</u>

5.	Enter in valid number for bins (eg., 0–5 for EXT or 00–50 for SYSTEM)
	       OR
	Press UP or DOWN key to make selection
	       OR
	Press HOLD key to delete bin(s)
		BUSY LIST:60
		EXT205:<u>5</u>

6.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA:

DCS	**SYSTEM**	**500 ENTRIES**	**(50 Blocks)**
	STATIONS	**10 ENTRIES**	**(1 Block)**
DCS COMPACT,	**SYSTEM**	**200 ENTRIES**	**(20 Blocks)**
DCS 24 & DCS 70	**STATIONS**	**10 ENTRIES**	**(1 Block)**

RELATED ITEMS: **MMC 705 ASSIGN SYSTEM SPEED DIAL**
                      MMC 706 SYSTEM SPEED DIAL BY NAME

MMC 607:   UCD Options

Applicable to DCS 24, DCS 70 and DCS 200 with Version 6 software installed

DESCRIPTION:

Allows the UCD group assigned in MMC 601 to have more specific values for several attributes.
If the UCD GROUP has not been programmed in a system, you may be presented warning and not be
allowed to enter this MMC.

OPTION

DIAL 0 :   1st MSG NO on AA Board when all agents are unable to answer the calls.

DIAL 1 :   2nd MSG NO on AA Board when all agents are unable to answer the calls.

DIAL 2 :   EXIT CODE - this code will carry on the forced release of Trunk line and
            make the line tie up if pressed by the caller during high traffic session.

DIAL 3 :   RETRY COUNT - 2nd MSG will be cycled with MOH till this counter is
            reached before answer.

DIAL 4 :   FINAL DESTINATION - if the call is not yet answered until RETRY COUNT
            then will be routed over this destination
            .
DIAL 5 :   RING NXT - specifies how long a call will ring at an agent before the agent is
            logged-out from the group and ringing starts at the next idle agent.

DIAL 6 :   UCD RECALL TIME - determines the time how long the MOH is provided
            between MSGs.

DIAL 7 :   MOH SOURCE - specifies MOH source to be presented to the caller.

DIAL 8:   WRAP UP TIMER – no calls are presented to an agent for this duration after
            agent has completed a call.

DIAL 9   AUTO LOG OUT – determines whether an agent will be automatically logged
            out of the group on no answer, and the call transferred to the next member.

            Dial 8 and Dial 9 pertain to DCS24 and Version 6

RANGE

1st MSG NO   : 01 - 64
2nd MSG NO   : 01 - 64
RETRY COUNT   : 01 - 99
FINAL DESTINATION   : STATION, STATION GRP, AA PLAN NO (01 - 12)
RNG NXT TIME   : 001 - 250 sec DCS70 – 01 – 99 sec
UCD RECALL TIME   : 00 - 99 sec
MOH SOURCE   : TONE, NONE, 37xx. 7xx, 395x
WRAP-UP TIMER   : 000 – 250 sec
AUTO LOG OUT   : Yes/No

If you press A Button in DESTINATION Field, you are able to enter AA PLAN NUMBER.

ACTION	DISPLAY
1. Press TRSF 607 Display shows	[501]UCD GROUP 1st MSG NO : NONE
2. Dial UCD OPTION number OR Press UP or DOWN press RIGHT soft key	[501]UCD GROUP 1st MSG NO : NONE
3. Dial UCD OPTION number OR Press UP or DOWN press RIGHT soft key	[501]UCD GROUP 1st MSG NO : NONE
4. Dial MSG number OR Press UP or DOWN press RIGHT soft key	[501]UCD GROUP 1st MSG NO : 01
5. Press TRSF to store and exit 　　　　OR Press SPK to store and advance to next MMC	

DEFAULT DATA:

1st MSG NO	**: 61**
2nd MSG NO	**: 62**
EXIT CODE	**: NONE**
RETRY COUNT	**: 03**
FINAL DESTINATION	**: 500**
RNG NXT TIME	**: 030 sec**
UCD RECALL TIME	**: 010 sec**
MOH SOURCE	**: NONE**
WRAP UP TIME	**:010 sec**
AUTO LOG OUT	**: NO**

RELATED ITEMS:　　**MMC 601 STATION GROUP**

MMC 608:   Assign CLIP Review Block

DESCRIPTION:

Provides a means of adding or deleting CLIP review blocks to an individual keyset. With the ability to delete a Clip Review block or blocks or speed dial, it will not be necessary to waste these on such items as voice mail, DPIMs or for keysets that do not have displays. The free list will show how many bins are left to be assigned. The system automatically assigns ten bins to each keyset. Each keyset may be assigned a maximum of 50 bins.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

	ACTION	**DISPLAY**
1.	Press TRSF 608 Display shows	[201] REVW BLOCK 10 : 840 FREE
2.	Dial EXT number (eg., 205) OR	[205] REVW BLOCK 10 : 840 FREE
	Use UP and DOWN to select station and press right soft key to move cursor	

3.	Enter number of entries (eg., 50)
	          OR
	Press UP or DOWN to selection
	          OR
	Press HOLD key to delete bin(s)
		[205] REVIEW BLK
		50 : 790 FREE

4.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: **ONE BIN OF TEN(10) ENTRIES**

RELATED ITEMS: **NONE**

MMC 700:   Copy COS Contents

DESCRIPTION:

MMC700 Allows the technician to create a copy of a selected class of service or create a new class of service (COS) option simply without interruption to an existing class of service.

The DCS , DCS70 and DCS Compact systems have thirty (30) Classes of Service. The DCS 24 has ten (10) Classes of Service.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
"F" KEY	Used to advance to MMC 701

ACTION   **DISPLAY**

1. Press TRSF 700
    Display shows

    ```
    COPY COS ITEMS
    COS 01 → COS 01
    ```

2. Dial selected COS to copy (eg., 05)
            OR
    Press UP or DOWN key to select COS and press
    RIGHT soft key to move cursor and advance to next step

    ```
    COPY COS ITEMS
    COS 05 → COS 01
    ```

3. Dial target COS (eg., 06)
            OR
    Press UP or DOWN key to select COS and press RIGHT soft key to move cursor back to step 2

    ```
    COPY COS ITEMS
    COS 05 → COS 06
    ```

4. Press F key to advance to MMC 701 and press RIGHT soft to advance cursor

    ```
    COS CONTENTS (06)
    TOLL LEVEL: A
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 701 ASSIGN COS CONTENTS**

MMC 701:   Assign COS Contents

DESCRIPTION:

MMC 701 is similar to MMC 700 but does not allow a copy command. Primarily used for the creation of a new class of service. If the feature of un-supervised conference is allowed, a programmed CONF key must be available to allow re-entry into conference call.

The DCS, DCS 70 and DCS Compact systems have thirty (30) Classes of Service (COS). The DCS 24 has ten (10) Classes of Service. The DX408 has 4 Classes of Service.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
"F" Key	Used to toggle back to MMC 700

TOLL LEVEL OPTIONS

DIAL DIGIT	TOLL LEVEL
0	A
1	B
2	C
3	D
4	E
5	F
6	G
7	H

ACTION		DISPLAY
1.	Press TRSF 701 Display shows	COS CONTENTS (01) TOLL LEVEL : A
2.	Dial in COS 01-30 (eg., 06) 　　　　OR Press UP or Down Key to select COS and press RIGHT soft key to move cursor to toll level	COS CONTENTS (06) TOLL LEVEL : A
3.	Dial toll level (eg., 2 - see above list) 　　　　OR Press UP or DOWN key to select new level of TOLL 　　　　OR Press RIGHT soft key to advance to COS options	COS CONTENTS (06) TOLL LEVEL : C
4.	Dial in COS option (eg., 09 - see option list) 　　　　OR Press UP or DOWN key to select option and press RIGHT soft key to move cursor	COS CONTENTS (06) 09 : DND : YES

5.   Dial 0 for NO or 1 for YES
          OR
    Press UP or Down Key to select option
    Press LEFT soft key to return to step 4
    Press RIGHT soft key to return to step 2

```
COS CONTENTS (06)
09 : DND : NO
```

6.   Press "F" key to enter MMC 700 if copy
    of COS to another COS is required Refer to
    MMC700 for copying

```
COPY COS ITEMS
COS 01 → COS 10
```

7.   Press TRSF to store and exit
          OR
    Press SPK to store and advance to next
    MMC

COS FEATURE LIST BY OPTION NUMBER

DCS

01	AA CALLER	Auto answer control by caller
02	ALM CLR	Alarm sensor ring answer
03	AUTO RDL	Retry on busy
04	CALLBACK	Callback
05	CLIP ABD	CLIP abandoned
06	CLIP INQ	CLIP inquiry for review
07	CLIP INV	CLIP Invalid
08	CONFER	Conference
09	DALM CLR	DISA alarm ring clear
10	DAY/NIGH	Change day/night mode
11	DIRECT	Directory dial
12	DND	Do Not Disturb
13	DOOR	Door ring answer
14	DSS	Direct station select
15	DTS	Direct trunk select
16	EXT AREC	Allow recording on VMS
17	EXT FWD	External call forward
18	FEATURE	Feature key
19	FLASH	Trunk flash
20	FORWARD	Call forward
21	FWDTOVMS	Call forward to VMS
22	GRP I/O	Group in/out
23	HOLD	Hold
24	HOT LINE	Hot line
25	INTERCOM	Intercom call
26	MESSAGE	Message
27	MM PAGE	Meet me page
28	NEW CALL	New call
29	OHVAED	Ohvaed
30	OHVAING	Ohvaing
31	ONEA2	1A2 emulation
32	OPERATOR	Operator
33	OUT TRSF	Outgoing transfer
34	OVERIDE	Override
35	PAGE 0	Page zone 0 PAGING
36	PAGE 1	Page zone 1 PAGING
37	PAGE 2	Page zone 2 PAGING
38	PAGE 3	Page zone 3 PAGING
39	PAGE 4	Page zone 4 PAGING
40	PAGE 5	Page zone 5 PAGING

DCS 24, DX408, DCS70 & V6 Software

000	AA CALLER	Auto answer control by caller
001	ALM CLR	Alarm sensor ring answer
002	AUTO RDL	Retry on busy
003	CALLBACK	Callback
004	CLIP ABN	CLIP abandoned
005	CLIP INQ	CLIP inquiry for review
006	CLIP INV	CLIP Invalid
007	CONFER	Conference
008	DALM CLR	DISA alarm ring clear
009	DAY/NIGH	Change day/night mode
010	DIRECT	Directory dial
012	DND	Do Not Disturb
013	DND OVRD	DND Override
015	DOOR	Door ring answer
016	DSS	Direct station select
017	DTS	Direct trunk select
018	EXT AREC	Allow recording on VMS
019	EXT FWD	External call forward
020	FEATURE	
021	FLASH	Trunk flash
022	FOLLOW ME	Follow me call forward
023	FORWARD	Call forward
024	FWDTOVMS	Call forward to VMS
025	GRP I/O	Group in/out
026	HOLD	Hold
027	HOT LINE	Hot line
028	INTERCOM	Intercom call
029	MESSAGE	Message
030	MM PAGE	Meet me page
031	NEW CALL	New call
032	OHVAED	Ohvaed
033	OHVAING	Ohvaing
034	ONEA2	1A2 emulation
035	OPERATOR	Operator
036	OUT TRSF	Outgoing transfer
037	OVERIDE	Override
038	PAGE 0	Page zone 0 PAGING
039	PAGE 1	Page zone 1 PAGING
040	PAGE 2	Page zone 2 PAGING
041	PAGE 3	Page zone 3 PAGING
042	PAGE 4	Page zone 4 PAGING

41	PAGE 6	Page zone 6 PAGING
42	PAGE 7	Page zone 7 PAGING
43	PAGE 8	Page zone 8 PAGING
44	PAGE 9	Page zone 9 PAGING
45	PAGE	Page zone PAGING
46	PICKUP	Call pickup
47	SECURE	Override secure
48	SSPD TOL	System speed dial toll check
49	STN LOCK	Station locking
50	STNGRP 01	Station group 01 calling
51	STNGRP 02	Station group 02 calling
52	STNGRP 03	Station group 03 calling
53	STNGRP 04	Station group 04 calling
54	STNGRP 05	Station group 05 calling
55	STNGRP 06	Station group 06 calling
56	STNGRP 07	Station group 07 calling
57	STNGRP 08	Station group 08 calling
58	STNGRP 09	Station group 09 calling
59	STNGRP 10	Station group 10 calling
60	STNGRP 11	Station group 11 calling
61	STNGRP 12	Station group 12 calling
62	STNGRP 13	Station group 13 calling
63	STNGRP 14	Station group 14 calling
64	STNGRP 15	Station group 15 calling
65	STNGRP 16	Station group 16 calling
66	STNGRP 17	Station group 17 calling
67	STNGRP 18	Station group 18 calling
68	STNGRP 19	Station group 19 calling
69	STNGRP 20	Station group 20 calling
70	STNGRP 21	Station group 21 calling
71	STNGRP 22	Station group 22 calling
72	STNGRP 23	Station group 23 calling
73	STNGRP 24	Station group 24 calling
74	STNGRP 25	Station group 25 calling
75	STNGRP 26	Station group 26 calling
76	STNGRP 27	Station group 27 calling
77	STNGRP 28	Station group 28 calling
78	STNGRP 29	Station group 29 calling
79	STNGRP 30	Station group 30 calling
80	SYS SPD	System speed dial
81	TRK AREC	Allows stn to record TRK call
82	TRKGRP01	Trunk group 01 calling
83	TRKGRP02	Trunk group 02 calling
84	TRKGRP03	Trunk group 03 calling
85	TRKGRP04	Trunk group 04 calling
86	TRKGRP05	Trunk group 05 calling
87	TRKGRP06	Trunk group 06 calling
88	TRKGRP07	Trunk group 07 calling
89	TRKGRP08	Trunk group 08 calling
90	TRKGRP09	Trunk group 09 calling
91	TRKGRP10	Trunk group 10 calling
92	TRKGRP11	Trunk group 11 calling
93	UNCO CNF	CO to CO conference
94	VMS PSWD	Passcode required for msg
95	VMS REC	Msg record to mailbox

043	PAGE 5	Page zone 5 PAGING
044	PAGE 6	Page zone 6 PAGING
045	PAGE 7	Page zone 7 PAGING
046	PAGE 8	Page zone 8 PAGING
047	PAGE 9	Page zone 9 PAGING
048	PAGE *	Page zone PAGING
049	PICKUP	Call pickup
050	SECURE	Override secure
051	SSPD TOL	System speed dial toll check
052	STN LOCK	Station locking
053	STNGRP 01	Station group 01 calling
054	STNGRP 02	Station group 02 calling
055	STNGRP 03	Station group 03 calling
056	STNGRP 04	Station group 04 calling
057	STNGRP 05	Station group 05 calling
058	STNGRP 06	Station group 06 calling
059	STNGRP 07	Station group 07 calling
060	STNGRP 08	Station group 08 calling
061	STNGRP 09	Station group 09 calling
062	STNGRP 10	Station group 10 calling
063	STNGRP 11	Station group 11 calling
064	STNGRP 12	Station group 12 calling
065	STNGRP 13	Station group 13 calling
066	STNGRP 14	Station group 14 calling
067	STNGRP 15	Station group 15 calling
068	STNGRP 16	Station group 16 calling
069	STNGRP 17	Station group 17 calling
070	STNGRP 18	Station group 18 calling
071	STNGRP 19	Station group 19 calling
072	STNGRP 20	Station group 20 calling
073	STNGRP 21	Station group 21 calling
074	STNGRP 22	Station group 22 calling
075	STNGRP 23	Station group 23 calling
076	STNGRP 24	Station group 24 calling
077	STNGRP 25	Station group 25 calling
078	STNGRP 26	Station group 26 calling
079	STNGRP 27	Station group 27 calling
080	STNGRP 28	Station group 28 calling
081	STNGRP 29	Station group 29 calling
082	STNGRP 30	Station group 30 calling
083	NOT USED	
084	SYS SPD	System speed dial
085	TRK AREC	Allows stn to record a TRK call
086	TRKGRP01	Trunk group 01 calling
087	TRKGRP02	Trunk group 02 calling
088	TRKGRP03	Trunk group 03 calling
089	TRKGRP04	Trunk group 04 calling
090	TRKGRP05	Trunk group 05 calling
091	TRKGRP06	Trunk group 06 calling
092	TRKGRP07	Trunk group 07 calling
093	TRKGRP08	Trunk group 08 calling
094	TRKGRP09	Trunk group 09 calling
095	TRKGRP10	Trunk group 10 calling
096	TRKGRP11	Trunk group 11 calling
097	UNCO CNF	CO to CO conference
098	VM AREC	Auto Record
099	VM AME	Answer Machine Emulator
100	VM REC	Record
101	VM STN01	CADENCE Port 01 calling
102	VM STN02	CADENCE Port 02 calling
103	VM STN01	CADENCE Port 03 calling

104	VM STN02	CADENCE Port 04 calling
105	VM STN01	CADENCE Port 05 calling
106	VM STN01	CADENCE Port 06 calling
107	VM STN02	CADENCE Port 07 calling
108	VM STN02	CADENCE Port 08 calling
111	ABSENCE	Absence feature

DEFAULT DATA: NONE 98 – 111 not applicable for DCS24 / DX408

RELATED ITEMS: **MMC 700 COPY COS CONTENTS**
                      MMC 702 TOLL DENY TABLE
                      MMC 703 TOLL ALLOWANCE TABLE
                      TOLL RESTRICTION

MMC 702: Toll Deny Table

DESCRIPTION:

Provides a way to make toll restriction very easy and flexible. There are 200 entries allowable in the deny table and each entry index can be assigned to a class of service. Each index can have up to twelve digits. With the use of wild cards (MMC 704 Assign Wild Character), further flexibility can be built into the toll restriction. Wild cards can be used repeatedly in the dial string, limited only to what is allowed or denied in MMC 704. There are six toll levels, B through G, that are programmable. Toll level A is set as Internal Only.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

WILD CARD KEY

BUTTON	DIAL	WILD CARD
19	0	X
20	1	Y
21	2	Z

ACTION			DISPLAY
1.	Press TRSF 702 Display shows		DENY (001) : B C D E F G 0 0 0 0 0 0
2.	Dial in index number 001-200 (eg., 005) OR		DENY (005) : B C D E F G _ 0 0 0 0 0 0
	Press UP or DOWN key to select index and press RIGHT soft key to move cursor and enter via dial pad toll pattern (eg., 212) OR		DENY (005) : B C D E F G 212 0 0 0 0 0 0
	enter wildcard (eg, 21X) from above list and press RIGHT soft key to move cursor to COS options		DENY (005) : B C D E F G 21X 0 0 0 0 0 0
3.	Press UP or DOWN key to move cursor along line until under toll class mark (eg., E) Enter a 1 for YES or 0 for NO and press RIGHT soft key to return to step 1 OR Press LEFT soft key to return to step 2		DENY (005) : B C D E F G 212 0 0 0 1 0 0

4.   Press TRSF to store and exit
                OR
        Press SPK to store and advance to next
MMC
        Press SPK to store and advance to next
MMC

DEFAULT DATA: **ALL ENTRIES ARE SET TO 0**

RELATED ITEMS: **MMC 301 ASSIGN STATION COS**
                         MMC 701 ASSIGN COS CONTENTS
                         MMC 703 TOLL ALLOWANCE TABLE
                         MMC 704 ASSIGN WILD CHARACTER

MMC 703:   Toll Allow Table

DESCRIPTION:

Provides a way to make toll restriction very easy and flexible. There are 200 entries allowable in the allow table and each entry index can be assigned to a class of service. Each index can have up to twelve digits. With the use of wild cards (MMC 704 Assign Wild Character), more flexibility can be built into toll restriction. There are six toll levels, B through G, that are programmable. Toll level A is set as unrestricted by default, and toll level H is set as in house only by default.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

WILD CARD KEY

BUTTON	DIAL	WILD CARD
19	0	X
20	1	Y
21	2	Z

ACTION			DISPLAY
1.	Press TRSF 703 Display shows		ALOW (001) : B C D E F G 0 0 0 0 0 0
2.	Dial in index number 001-200 (eg., 005) OR pad toll pattern (eg., 212)		ALOW (005) : B C D E F G _ 0 0 0 0 0 0
	OR		ALOW (005) : B C D E F G 212 0 0 0 0 0 0
	Enter wild card (eg., 21X) from above list and press RIGHT soft key to move cursor to COS options		ALOW (005) : B C D E F G 21X 0 0 0 0 0 0
3.	Press UP or DOWN key to move cursor along line until under toll class mark (eg., E)		ALOW (001) : B C D E F G 212 0 0 0 1 0 0
	Enter a 1 for YES or 0 for NO and press RIGHT soft key to return to step 1 OR Press LEFT soft key to return to step 2		
4.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC		

DEFAULT DATA: **ALL ENTRIES ARE SET TO 0**

RELATED ITEMS: **MMC 301 ASSIGN STATION COS**
                               MMC 701 ASSIGN COS CONTENTS
                               MMC 702 TOLL DENY TABLE
                               MMC 704 ASSIGN WILD CHARACTER

MMC 704:   Assign Wild Card

DESCRIPTION:

Provides flexibility to toll restriction when a specific numbering plan is needed. There are only three entry tables but more than one digit can be assigned per table if required.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 704
    Display shows

    ```
    : 0 1 2 3 4 5 6 7 8 9 * #
    X : 0 0 0 0 0 0 0 0 0 0 0 0
    ```

2. Press UP or DOWN key to select X, Y, or Z.
    and press RIGHT soft key to advance cursor
    to option line

    ```
    : 0 1 2 3 4 5 6 7 8 9 * #
    Z : 0 0 0 0 0 0 0 0 0 0 0 0
    ```

3. Press UP or DOWN key to move cursor to
    option digit desired (eg., 5) and enter a digit
    1 under the desired digit. If needed, place a
    digit 1 under one or more digits Press LEFT
    soft key to return to step 2
            OR
    Press RIGHT soft key to return to step 1

    ```
    : 0 1 2 3 4 5 6 7 8 9 * #
    Z : 0 0 0 0 0 1 0 0 0 0 0 0
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **ALL ENTRIES SET TO 0**
RELATED ITEMS: **MMC 702 TOLL DENY TABLE**
                        MMC 703 TOLL ALLOWANCE TABLE

TOLL RESTRICTION OVERVIEW

The DCS allows each station to be assigned a class of service for use in the day mode and a class of service for use in the night mode. This class of service determines the station's dialling class which can be set to A through H. Class A has no restrictions and Class H is restricted to internal calls only. Classes B, C, D, E, F and G are controlled by the entries listed in the deny table in MMC 702, the allow table in MMC 703 and the wild cards defined in MMC 704.

TOLL RESTRICTION RULES

1. The deny entries prevent certain numbers from being dialled. The allow entries are only exceptions to these deny entries.

2. Listing numbers in the allow tables without any entries in the deny tables is the same as having no restriction.

3. A wild card in any position in the deny table means that an exception exists in the allow table for the digits defined by the wild card.

4. A wild card at the end of any allow entry means that more digits may be dialled.

5. Do not put a single wild card as an entry in the allow table.

6. When changing any entry or BCDEFG status, you must enter all digits.

        The following examples are provided as an aid to help understand how to use the deny and allow tables. Area codes all have 0 or 1 as a middle digit.

EXAMPLE 1

This system installed in an area where seven digits is a free call, 1 + seven digits is a toll call within that area code and 1 + ten digits is a call to another area code. Area codes all have 0 or 1 as a middle digit.

        Customer requirements:

- Phones with dialling class B can dial 1 + seven digits and local calls.
- All classes (B, C, D, E, F and G) are restricted (denied) from dialling 0 + calls and all 976 calls.
- Classes B and D are restricted from dialling 1 + any area code + seven digits.
- All classes can dial 1-800 calls.

TOLL DENY TABLE		
ENTRY	DIGITS	B C D E F G
001	0	1 1 1 1 1 1
002	1XO	1 0 1 0 1 1
003	1X1	1 0 1 0 1 1
004	976	1 1 1 1 1 1
005	1976	1 1 1 1 1 1
006	1XX976	1 1 1 1 1 1

TOLL ALLOW TABLE		
ENTRY	DIGITS	B C D E F G
001	1800X	1 1 1 1 1 1

WILDCARD	0 1 2 3 4 5 6 7 8 9 ∗ #
X	1 1 1 1 1 1 1 1 1 1 1 1
Y	0 0 0 0 0 0 0 0 0 0 0 0
Z	0 0 0 0 0 0 0 0 0 0 0 0

EXAMPLE 2

This system installed in an area where seven digits is a free call, 1 + seven digits is a toll call within that area code and 1 + ten digits is a call to another area code. Area codes all have 0 or 1 as a middle digit.

Customer requirements:

- All classes (B, C, D, E, F and G) are restricted from dialling 411 calls, 976 calls, 1-900 calls and 0 + calls.
- Only Class B phones can dial 1-800 numbers.
- Class C phones can only dial local calls, 1 + seven digits and numbers in area code 212.
- Class E phones can only dial 911.

ENTRY	TOLL DENY TABLE DIGITS	B C D E F G		ENTRY	TOLL ALLOW TABLE DIGITS	B C D E F G
001	976	1 1 1 1 1 1		001	1212X	0 1 0 0 0 0
002	1976	1 1 1 1 1 1		002	911	0 0 0 1 0 0
003	1XXX976	1 1 1 1 1 1				
004	1900	1 1 1 1 1 1				
005	1X1X	0 1 0 0 0 0				
006	1X0	0 1 0 0 0 0				
007	0	1 1 1 1 1 1				
008	411	1 1 1 1 1 1				
009	1800	0 1 1 1 1 1				
010	X	0 0 0 1 0 0				

WILDCARD	0 1 2 3 4 5 6 7 8 9 * #
X	1 1 1 1 1 1 1 1 1 1 0 0
Y	0 0 0 0 0 0 0 0 0 0 0 0
Z	0 0 0 0 0 0 0 0 0 0 0 0

EXAMPLE 3

This system installed in an area where seven digits is a free call, 1 + seven digits is a toll call within that area code and 1 + ten digits is a call to another area code. Area codes all have 0 or 1 as a middle digit.

Customer requirements:

Class B phones are in a national tele-marketing group that cannot dial numbers in its own area code (305) but is allowed calls to all other area codes. 1-800 calls are allowed and 1-900 calls are not.

ENTRY	TOLL DENY TABLE DIGITS	B C D E F G		ENTRY	TOLL ALLOW TABLE DIGITS	B C D E F G
001	X	1 0 0 0 0 0		001	1X0X	1 0 0 0 0 0
002	1305	1 0 0 0 0 0		002	1X1X	1 0 0 0 0 0
003	1900	1 0 0 0 0 0		003	1800X	1 0 0 0 0 0

WILDCARD	0 1 2 3 4 5 6 7 8 9 * #
X	1 1 1 1 1 1 1 1 1 1 0 0
Y	0 0 0 0 0 0 0 0 0 0 0 0
Z	0 0 0 0 0 0 0 0 0 0 0 0

EXAMPLE 4

This system is installed in an area where not all seven digit calls are "free" and a 1 is not required when dialling other area codes. Area codes all have 0 or 1 as a middle digit.

Customer requirements:

- Class B phones can only dial area codes east of the Mississippi and all CO prefixes in their own area code.
- Class C phones are allowed to dial 186 out 292 CO prefixes.
- Class D phones are only allowed to dial 57 of the 292 CO prefixes.
- Classes C and D cannot dial outside their own area code.

The large number of entries required to demonstrate this example makes a full listing impractical.
Follow these guidelines:

Class B Programming - List all of the allowed area codes in the allow table and mark each entry for Class B and enter X0X and X1X in the deny table for Class B. This will deny all area codes not listed in the allow table.

Class C Programming - Enter X in the deny table to restrict all numbers not listed in the allow table and mark this entry to apply to Class C. List the 186 allowable CO prefixes in the allow table and mark these entries to apply to Class C.

Class D Programming - Add a 1 in the Class D column of the X entry to make it apply to Class D. List the 57 allowable CO prefixes in the allow table and mark these entries to apply to Class D. Some or all of these CO prefixes may already be entered for Class C above. Do not repeat the entry; you only need to add a 1 in the Class D column to each entry that applies to Class D.

WILDCARD	0	1	2	3	4	5	6	7	8	9	*	#
X	1	1	1	1	1	1	1	1	1	1	0	0
Y	0	0	0	0	0	0	0	0	0	0	0	0
Z	0	0	0	0	0	0	0	0	0	0	0	0

MMC 705: Assign System Speed Dial

DESCRIPTION:

Enables the assignment of system speed dialling numbers. There are up to 500 entries available for programming depending on system type and allocation of Speed dial blocks in MMC 606.

Each speed dial number consists of a trunk or trunk group access code followed by a separator and up to 18 digits to be dialled. These dialled digits may consist of 0-9, * and #. If the system recognises a valid trunk or trunk group access number, it will automatically insert the separator.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
"B"	Used to insert a flash code "F"
"C"	Used to insert a pause code "P"
"D"	Used to insert a pulse/tone conversion code "C"
"E"	Used to mask/unmask following digits. shows as "[" or "]"
"F"	Used to enter name for speed dial bin (see MMC 706)

ACTION   DISPLAY

1. Press TRSF 705
   Display shows

   ```
   SYS SPEED DIAL
   500:
   ```

2. Dial speed index desired (eg., 505)
           OR
   Press UP or DOWN key to make selection and
   press RIGHT soft key to move cursor

   ```
   SYS SPEED DIAL
   505:
   ```

3. Enter access code (eg., 0/701) plus the phone
   number up to 18 digits (digits will scroll under)
   and press RIGHT soft key to return to step 2

   ```
   SYS SPEED DIAL
   505: 0-121223456789
   ```

4. Press "F" key to toggle to MMC 706 step 3
   to enter name

   ```
   SYS SPEED NAME
   505:
   ```

5. Press TRSF to store and exit
           OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **NONE**
RELATED ITEMS: **MMC 706 SYSTEM SPEED DIAL BY NAME**

MMC 706: System Speed Dial Name

DESCRIPTION:

Allows a 11 character name to be entered for each system speed dial location. This name enables the speed dial number to be located when using the directory dial feature. The directory dial feature allows the display keyset user to select a speed dial location by scanning its name.

Names are written using the keypad. Each press of a key will select a character. Pressing a different key will move the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S" Now press the number "2" once to get the letter "A" Continue selecting characters from the table below to complete your message. Pressing the "A" key will change the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -,
<, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
TRSF	Used to store and exit MMC
"F"	Used to toggle to MMC 705

ACTION **DISPLAY**

1. Press TRSF 706
   Display shows

   ```
   SYS SPEED NAME
   500:
   ```

2. Dial system speed entry number (eg., 505)
           OR
   Press UP or DOWN to select entry number
   and press RIGHT soft key to move cursor

   ```
   SYS SPEED NAME
   505:
   ```

3.   Enter name using dial keypad and above
        table

        and press RIGHT soft key to return to step 2
        OR

        Press the F key to toggle to speed dial
        number

        to return to MMC 705, step 5

```
SYS SPEED NAME
505: SAMSUNG
```

```
SYS SPEED DIAL
505:
```

4.   Press RIGHT soft key to return to step 2
        above
        OR
        Press TRSF to store and exit
                OR
        Press SPK to store and advance to next
        MMC

DEFAULT DATA: NO NAMES
RELATED ITEMS: MMC 705 ASSIGN SYSTEM SPEED DIAL

MMC 707:   Authorisation Code

DESCRIPTION:

MMC 707 allows the technician to program up to 250 authorisation codes for the DCS and DCS Compact, 100 for the DCS 70 and 30 for the DCS 24 which can be allocated on a per-class of service basis.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 707
    Display shows

```
AUTHOR. CODE (001)
CODE:          COS - - -
```

2. Dial code index number 1-250 (eg., 005)
            OR
    Press UP or DOWN key to selected index
    number and press RIGHT soft key to move
    cursor

```
AUTHOR. CODE (005)
CODE:_         COS - - -
```

3. Enter Authorisation code (maximum four
    digits) via dial keypad (eg., 1234) and press
    RIGHT soft key to move cursor

```
AUTHOR. CODE (001)
CODE:1234      COS - - -
```

4. Enter class of service number 01-30 (eg.,
    05)
            OR
    Press UP or DOWN key to select COS and press
    RIGHT soft key to select and return to step 2

```
AUTHOR. CODE (001)
CODE:1234      COS 05
```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**
RELATED ITEMS: **MMC 305 ASSIGN FORCED CODE**

MMC 708:   Account Code

DESCRIPTION:

MMC 708 allows the technician to program up to 500 account codes on the DCS and DCS Compact, 200 on the DCS 70 and DCS 24 and 100 on the DX408.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 708
    Display shows

    ```
    ACCOUNT CODE
    (001)
    ```

2. Dial code index number 1-500 (eg., 005)
            OR
    Press UP or DOWN key to selected index
    number and press RIGHT soft key
    to move cursor

    ```
    ACCOUNT CODE
    (005)
    ```

3. Enter account code (maximum 12 digits)
    via dial keypad (eg., 1234) and press
    RIGHT soft key to move cursor back to step
    2

    ```
    ACCOUNT CODE
    (005) 123456789012
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**
RELATED ITEMS: **MMC 305 ASSIGN FORCED CODE**

MMC 709:   PBX Access Code

DESCRIPTION:

MMC 709 is used to program PBX codes. If the outgoing Trunk has been designated as a PBX type Trunk rather than a CO type Trunk See (MMC 401), the PBX codes are taken into account for Access Barring purposes to ensure Access Barring operates correctly. There is a maximum of five (5) entries allowable.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 709
    Display shows

    ```
    PBX ACCESS CODE
    1:
    ```

2. Enter in index number (eg., 3)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to move cursor

    ```
    PBX ACCESS CODE
    3: _
    ```

3. Enter in via dial keypad the desired
    access/feature code (eg., 9)
    Press RIGHT soft key to enter and return
    to step 2 and enter more entries

    ```
    PBX ACCESS CODE
    3: 9
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 401 CO/PBX LINE**
                       MMC 702 TOLL DENY TABLE
                       MMC 703 TOLL ALLOWANCE TABLE

DCS 24, DCS 70 and DCS 200 Version 6.x software
          MMC includes "SPECIAL CODE" entries – Maximum of 10 codes
          Special codes are provided to enable correct TOLL RESTRICTION function
          in the case of prefix's dialled to enable CO FUNCTIONS.
          EG: 1414   AAPT toll prefix
          **   1831   PSTN CID withhold**

MMC 710:   LCR Digit Table

DESCRIPTION:

The LCR DIGIT TABLE contains all numerical digits for the completion of outgoing call placement. this table works in conjunction with LCR ROUTE TABLE, LCR TIME TABLE and LCR MODIFY DIGITS TABLE. There is a maximum of 500 entries with a digit string length of ten numerical digits. The system will automatically maintain entered digit strings in numerical order. The characters ∗ and # are also accepted, for use with feature codes.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 710
    Display shows

    ```
    LCR DIGIT      (001)
    DIGIT:
    ```

2. Dial LCR entry (eg 005)
            OR
    Press UP or DOWN key to select entry
    and press RIGHT soft key to move cursor

    ```
    LCR DIGIT      (005)
    DIGIT: _
    ```

3. Enter LCR digit string via the dial key pad
    and Press RIGHT soft key
            OR
    Press LEFT soft key to return to step 1

    ```
    LCR DIGIT      (005)
    DIGIT: 305426
    ```

4. Enter digit length (00 - 31)
    Cursor will move to RT
    Enter route selection (1-16)
            OR
    Press LEFT soft key to return to length
    value. Valid entry will return you to step 1

    ```
    LCR DIGIT      (005)
    LENGTH : 10    RT : 01
    ```

5   Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA:

Dialled Digit	Length	Route
100,123,142 150 ~ 155 191 ~ 196	03	01
112	03	01
2 ~ 9	01	01
192	03	02
10865	05	01
192	03	02
883177	06	01
999	03	01
00	04	03
001	03	04
0860	04	01
01867	05	01

RELATED ITEMS: MMC 712 LCR ROUTE TABLE

MMC 711: LCR Time Table

DESCRIPTION:

This table allows the flexibility of the system, through the LCR ROUTES, to allow calls placed at any given time of day to use the least cost trunk route that is available. When LCR ROUTE ADVANCE is allowed, it is possible for calls to be placed on more expensive trunks on any given time of day. There are four possible time entries per day; the start time of the next time is the end time of the previous time period.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

FEATURE KEYS

DAY	VALUE
SUN	0
MON	1
TUE	2
WED	3
THU	4
FRI	5
SAT	6

TIME	BAND
A	0
B	1
C	2
D	3

LCRT	
LCRRT	1
LCRRT	2
LCRRT	3
LCRRT	4

ACTION		DISPLAY
1.	Press TRSF 711 Display shows	LCR TIME (SUN : A) HHMM : LCRT : -
2.	Dial day of week (SUN - SAT, eg., WED) OR Press UP or DOWN to make day selection and press RIGHT soft key to make entry and move cursor and advance to step 3	LCR TIME (WED : A) HHMM : TIME : -
3.	Dial time band (A-D, eg., B) OR Press UP or Down to make time band selections and press RIGHT soft key to make entry and move cursor and advance to step 4	LCR TIME (WED : B) HHMM : 0800 LCRT : -

4. Dial time via key pad (24 hour format)
    Cursor moves to LCRT
    (reference MMC 712)
    Dial entry 1-4
            OR
    Press UP or DOWN to select entry and press
    RIGHT soft key to make entry and return
    to step 1
            OR
    If entry is dialled, return to step 2

```
LCR TIME (WED : B)
HHMM :        LCRT : -
```

```
LCR TIME (WED : B)
HHMM :        LCRT : 1
```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA: System may works 24 hours a day and 7 days a week with this default.

DAY	TIME BAND	TIME	LCRT
SUN	A	0000	1
	B	2359	1
MON	A	0000	1
	B	2359	1
TUE	A	0000	1
	B	2359	1
WED	A	0000	1
	B	2359	1
THU	A	0000	1
	B	2359	1
FRI	A	0000	1
	B	2359	1
SAT	A	0000	1
	B	2359	1

RELATED ITEMS: MMC 712 LCR ROUTE TABLE

MMC 712:   LCR Route Table

DESCRIPTION:

The LCR ROUTE TABLE has the responsibility for the selection of a specific trunk group in the completion of an outward bound call. This table works in conjunction with LCR DIGIT TABLE, LCR TIME TABLE, LCR COS TABLE and LCR MODIFIED DIGITS TABLE. After the user dials a valid digit string, the system will use the LCR ROUTE TABLE to select a specific predetermined trunk group. There is a maximum number of 16 routes available beginning with the ROUTE NUMBER 1. If more than one trunk group is available for call completion, the system will use the first designated trunk group and then start to utilise succeeding trunk groups. If all trunk groups are busy in a selected route, call queue will become active and allocate trunks as they become available.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION	DISPLAY

1. Press TRSF 712
    Display shows

```
LCR ROUTE (01 : 1)
C : 1 G : NONE M : - - -
```

2. Dial LCR ROUTE index number 1-16 (eg 05)
        OR
    Press UP or DOWN to selected index and
    press RIGHT soft key to move cursor and
    advance to next step 3

```
LCR ROUTE  (05 : 1)
C : 1 G : NONE M : - - -
```

3. Dial TIME BAND index number 1-4 (eg., 2)
        OR
    Press UP or DOWN to selected index and
    press RIGHT soft key to move cursor and
    advance to next step 4

```
LCR ROUTE  (05 : 2)
C : 1 G : NONE M : - - -
```

4. Dial LCR COS number 1-8 (eg., 4)
        OR
    Press UP or DOWN to selected COS and
    press RIGHT soft key to move cursor and
    advance to next step 5

```
LCR ROUTE  (05 : 2)
C : 4 G : NONE M : - - -
```

5. Dial TRUNK GROUP access code 80-89
    (eg., 81)
        OR
    Press UP or DOWN to selected access code
    and press RIGHT soft key to move cursor
    and advance to next step 6

```
LCR ROUTE  (05 : 2)
C : 4 G : 81 M : - - -
```

6. Dial MODIFY DIGITS index number 001-100 (eg., 050)

LCR ROUTE (05 : 2)
C : 4 G : 81 M : <u>0</u>50

OR

Press UP or DOWN to selected index number
and press RIGHT soft key to move cursor

OR

Press RIGHT soft key to enter NO index number

LCR ROUTE (05 : 2)
C : 4 G : 81 M : - - -

7. Press TRSF to store and exit
        OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA:

ROUTE	TIME BAND	COR	TRK GRP	MODIFY TBL INDEX
01	1	1	9	001
02	1	1	9	002
03	1	1	9	003
04	1	1	9	004

RELATED ITEMS: **MMC 310 LCR CLASS OF SERVICE**
MMC 710 LCR DIGIT TABLE
MMC 711 LCR TIME TABLE
MMC 713 LCR MODIFY DIGIT TABLE

MMC 713:   LCR Modify Digit Table

DESCRIPTION:

This program entry, also referred to as Outdial Rules, gives the system the ability to add or delete a digit string or singular digit if needed to complete a call. A perfect example is the adding of a digit "1." An advantage is to insert a common carrier network access code of 10288 (ATT®). With these digits inserted, a long distance call will be placed over a local line utilising the common carrier network. The characters "(" and "#" can also be entered.

	OPTION	MAXIMUM NUMBER OF DIGIT ENTRIES
Number of digits to delete		15
Insert (before dialling string)		14
Append (after dialling string)		14

> DIGIT STRING KEY
> Insert String + Digit String (delete) + Append String

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 713
    Display shows

```
LCR MODIFY   (001)
NOF DEL DGT : 00
```

2. Enter index number (eg., 005)
        OR
    Press UP or DOWN keys to make selection
    and press RIGHT soft key to move cursor

```
LCR MODIFY   (005)
NOF DEL DGT : 00
```

3. Enter in number of digits to delete
        OR
    Press RIGHT soft key to skip step and move
    cursor to next step

```
LCR MODIFY   (005)
INS : _
```

4. Enter digits to be inserted (eg., 10288)
        OR
    Press RIGHT soft key to skip step or to store
    information and advance to next step

```
LCR MODIFY   (005)
INS : 10288_
```

5. Enter digits to be appended (eg., 45678)
        OR
    Press RIGHT soft key to skip step or to store
    information and return to step 2.

```
LCR MODIFY   (005)
APP : _
```

6. Press TRSF to store and exit
        OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA:

INDEX	NOF DEL DGT	INSERT	APPEND	REMARKS
001	00	-	---	BT
002	00	132	---	MCL Digital
003	00	161	---	Energys
004	00	162	---	Worldcom

RELATED ITEMS: **MMC 710 LCR DIGIT TABLE**

MMC 714:   DID Number and Name

DESCRIPTION:

Provides a method of assigning a incoming DDI call to a specific station. If you registered DDI service in your Local Exchange Network, you can match each DDI number to specific station according to the day or night mode using this operation and you can give option ; when destination station is busy, incoming call can be cleared or camp-on that station to alarm that there is another call. And there is an extra option to adjust the number of digits to be compared by skipping the programmed counts from the first digit point provided by the Network.

If there is no matching number in DID NUMBER TABLE, DCS system routes this call to operator group.

There are total 200 entries in the system and each entry consists of the following fields.

0.   DIGITS   Digits to be received. Wild card(∗) is valid entry and 10 digits maximum.

1.   DAY DEST   Destination in day mode and it could be a station, a station group. a trunk and trunk group. Repeat (B) will be acceptable to bypass.

2.   NIGHT DEST   Destination in night mode and it could be a station, a station group, a trunk and trunk group. Repeat (B) will be acceptable to bypass..

3.   CALL WAIT   Toggles YES or NO.

4.   NOF DEL DGT   Decides the number of digits not to be translated from the first digit received. It is useful when the received digits are consist of subsequent numbers and prefixed with same-digit stream repeated. (ie., non-significant digit).

5.   NAME   Give name to an individual entry and 11 characters maximum.

         Names are written using keypad in a same manner as SPEED NAME, refer to below table;

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	Z	9
DIAL ∗	:	=	[	]	∗

The # key can be used for special characters: #, space, &, !, :, ?, ., %, $, -, , , /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS
        UP & DOWN   Used to scroll through options
        KEYPAD   Used to enter selections
        SOFT KEYS   Move cursor left and right
        SPK   Used to store data and advance to next MMC
        HOLD   Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 714
    Display shows

```
DID DIGIT        (001)
DGT :
```

2. Enter valid index number, eg., 005, via dial
    key pad
                OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to move cursor

```
DID DIGIT        (005)
DGT :
```

3. Enter the DDI number (eg., 4603831)
    via dial key pad and press RIGHT soft key to
    move cursor. Max digit is 10

```
DID DIGIT        (005)
DGT : 4603831
```

4. Enter destination via dial key pad for day
    mode
                OR
    Press UP or DOWN key to make selection
    If valid entry, system advances cursor

```
DID DIGIT        (005)
DAY DEST     : 204
```

5. Enter destination via dial key pad for night
    mode
                OR
    Press UP or DOWN key to make selection
    If valid entry, system advances cursor

```
DID DIGIT        (005)
NIGHT  DEST   : 204
```

6. Enter 1 for yes or 0 for no call waiting
    If entry is NO, press RIGHT soft key to move
    cursor
    If entry is YES, system will advance cursor

```
DID DIGIT        (005)
CALL WAIT : NO
```

7. Enter in the digits to be deleted via dial key
    pad
                OR
    Press UP or DOWN key to make selection

```
DID DIGIT        (005)
NOF DEL DGT : 3
```

8. Enter name using above table and press
    RIGHT soft key to return to step 2

```
DID DIGIT        (005)
NAME : _
```

9. Press TRSF to store and exit   OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: There are three entries (001, 002 and 003)

	001	002	003
DIGITS	2**	3**	5**
DAY DEST	B	B	B
NIGHT DEST	B	B	B
CALL WAIT	NO	NO	NO
NOF DEL DGT	0	0	0
NAME	NONE	NONE	NONE

RELATED ITEMS: MMC 419 BRI OPTION
                        MMC 420 PRI OPTION
                        MMC 421 MSN DIGIT

MMC 715:   Programmed Station Message

DESCRIPTION:

Allows a 16 character custom message to be programmed for general use. Messages are written via the keypad. Each press of a key will select a character. Pressing a different key moves the cursor to the next position. For example, if the message is "Sunbathing," press the number "7" three times to get the letter "S." Now press the number "8" twice to get the letter "U." Continue selecting characters from the table below to complete your message. Pressing the "A" key will change the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right or the DOWN key to move the cursor to the left.

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
"A" KEY	Toggles from upper case to lower case

ACTION   DISPLAY

1.   Press TRSF 715
Display shows

> PGM MESSAGE (01)
> IN A MEETING

2.   Enter index number (eg., 11)
            OR
Press UP or DOWN arrow to make selection
and press RIGHT soft key to move cursor

> PGM MESSAGE (11)
> _

3. Enter message via the dial key pad using the
    above table (maximum 16 characters)
    Use "A" key to toggle uppercase/lowercase
    Press RIGHT soft key to return to step 2
    above

| PGM MESSAGE (11) |
| Sunbathing |

4. Press TRSF to store and exit
                OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **TEN PROGRAMMED MESSAGES AS DETAILED BELOW**
                       01. IN A MEETING
                       02. OUT ON A CALL
                       03. OUT TO LUNCH
                       04. LEAVE A MESSAGE
                       05. PAGE ME
                       06. OUT OF TOWN
                       07. IN TOMORROW
                       08. RETURN AFTERNOON
                       09. ON VACATION
                       10. GONE HOME
                       MESSAGES 11 - 20 ARE NOT PRE-PROGRAMMED

RELATED ITEMS: MMC 115 SET PROGRAMMED MESSAGE

MMC 716:   Network Access Code

DESCRIPTION:

This MMC provides secondary network access code when the call is routed to the secondary network . Maximum of 16 entries up to 10 digits in length.

NOTE: The second entry may be selected as a primary secondary network. By default, 132(MCL Digital Access). If dialled digits are not matches to the entry in the LCR DIGIT TABLE (MMC 710) and started with 0, then the network code in the second entry will be dialled out by the system prior to transmitting the dialled digit.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1.   Press TRSF 716
      Display shows

```
NETWORK CODE
1 : 121
```

2.   Enter in index number (eg., 3)
           OR
      Press UP or DOWN key to make selection
      and press RIGHT soft key to move cursor

```
NETWORK CODE
3 : 161
```

3.   Enter the desired access in via dial keypad
      Press RIGHT soft key to enter and return to
      step 2 and enter more entries

```
PBX ACCESS CODE
3 : 163
```

4.   Press TRSF to store and exit
           OR
      Press SPK to store and advance to next
MMC

DEFAULT DATA:	**1: 121**	
	2: 132	
	3: 161	
RELATED ITEMS:	**MMC 710 LCR DIGIT TABLE**	
	MMC 711 LCR TIME TABLE	
	MMC712 LCR ROUTE TABLE	
	MMC 713 LCR MODIFY DIGIT TABLE	
DCS70 NOTE:	**MM716 also has provision to assign SECONDARY CARRIER PIN #'s**	
	CALL COST OPTION, & STATION PIN #'s NOT applicable to Australia	

MMC 717:   Assign PIN Code

Not For Australia

DESCRIPTION:

This MMC is used to assign PIN code used when the call is routed to secondary 131 MCL network.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 717
    Display shows

    ```
    PIN CODE
    1 :
    ```

2. Enter in index number (eg., 2)
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to move cursor

    ```
    PIN CODE
    2 :
    ```

3. Enter the desired access code in via dial
    keypad Press RIGHT soft key to enter and
    return to step 2 and enter other entries

    ```
    PIN CODE
    2 : 3040506
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 210 CUSTOMER ON/OFF PER TENANT**
                       MMC 313 ASSIGN PIN CODE
                       MMC 716 NETWORK ACCESS CODE

MMC 718:   My Area Code

DESCRIPTION:

This MMC is used to assign local and country code of C.O lines connected to DCS 200 Version 5.XX and higher, DCS 70 and DCS 24.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION			DISPLAY

1. Press TRSF 718
   Display shows

   ```
   MY AREA CODE
   AREA:
   ```

2. Press RIGHT soft key
      Advance cursor

   ```
   MY AREA CODE
   AREA:
   ```

3. Enter the desired area code in via dial keypad Press RIGHT soft key to enter and

   ```
   MY AREA CODE
   AREA:    03
   ```

4. Press VOLUME + button to advance to
      COUNTRY CODE

   ```
   MY AREA CODE
   COUNTRY:
   ```

5. Press RIGHT soft key
      Advance cursor

   ```
   MY AREA CODE
   COUNTRY:
   ```

6. Enter the desired country code in via dial keypad Press RIGHT soft key to enter and

   ```
   MY AREA CODE
   COUNTRY:    61
   ```

7. Press TRSF to store and exit
            OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: **NONE**

MMC 720:   Copy Key Programming

DESCRIPTION:

Provides a tool for the duplicating key assignment from one keyset to another. This can be done on a per-station basis or an all stations basis, but not for a group of stations. One limitation is copying and target sets must be have the same number of programmable keys.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   DISPLAY

1. Press TRSF 720
   Display shows

   ```
   [201] COPY KEY
   SRC PHONE : NONE
   ```

2. Enter the station number (eg., 205)
            OR
   Press UP or DOWN keys to make selection
   and press RIGHT soft key to move cursor

   ```
   [205] COPY KEY
   SRC PHONE : NONE
   ```

3. Enter in station number to copy from and
   cursor is returned to step 2
            OR
   Press UP or DOWN keys to make selection

   ```
   [205] COPY KEY
   SRC PHONE : 203
   ```

4. Press RIGHT soft key to return to step 2
   above
            OR
   Press TRSF to store and exit
            OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 107 KEY EXTENDER**
                                  MMC 721 SAVE STATION KEY PROGRAMMING
                                  MMC 722 STATION KEY PROGRAMMING
                                  MMC 723 SYSTEM KEY PROGRAMMING

MMC 721: Save Station Key Programming

DESCRIPTION:

Prior to replacing or testing a station, the DCS provides a service tool which will minimise the accidental loss of programmable keys on the DCS electronic keysets. Prior to replacing or testing a station, the data is saved and then the station can be replaced with another station type or the keys can be reprogrammed to provide other features. Once testing or replacement is completed, the data can be restored to the individual station, providing the same type as the original is in place.

NOTE: This program is not to be confused with AUTO SET RELOCATE. This program is for saving and restoring programmable keyset key data for the same keyset type at that port.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 721
    Display shows

    ```
    [201] SAVE KEY
    RESTORE
    ```

2. Enter desired station number (eg., 205)
        OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key

    ```
    [205] SAVE KEY
    RESTORE
    ```

    ```
    [201] SAVE KEY
    SAVE
    ```

3. Press UP or DOWN key to make function
    selection (eg., SAVE)

4. Press RIGHT soft key to enter and return to
    step 2
        OR
    Press TRSF to store and exit
        OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 107 KEY EXTENDER**
                         MMC 722 STATION KEY PROGRAMMING
                         MMC 723 SYSTEM KEY PROGRAMMING

MMC 722:   Station Key Programming

DESCRIPTION:

Allows for the customising of programmable keys on specific electronic keysets on the DCS system. Buttons 1 and 2 are set as CALL buttons by default. Features are entered via the dial pad key by pressing the dial pad number the required number of steps to select the feature. For example, for OHVA the number 6 is pressed three times. If a BOSS key is required, press 2 for the first letter B, and then use the UP or DOWN key to change selection from BARGE to BOSS.

DIAL KEYPAD

COUNT →	1	2	3
DIAL 2	AAPLAY	BARGE	CALL
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	VDIAL

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

DCS/COMPACT

ACTION		DISPLAY

1. Press TRSF 722
    Display shows

    ```
    [201] KEY PROG.
    01 : CALL 1 →
    ```

2. Enter selected station number (eg., 205)
              OR
    Press UP or DOWN key to select station number
    and press RIGHT soft key to move cursor

    ```
    [205] KEY PROG.
    01 : CALL 1 →
    ```

3. Enter selected key number (eg., 18)
              OR
    Press UP or DOWN key to select key number and press RIGHT soft key to move cursor

    ```
    [201] KEY PROG.
    18 : NONE  → _
    ```

4. Using above chart press the dial pad key number to make selection
              OR
    Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor to step 5 to enter extender if required or to return to step 2

    ```
    [201] KEY PROG.
    18 : NONE  → GPIK_
    ```

5.   If required, enter extender (eg., 03)
          OR
     Press UP or DOWN key to make selection
     Press RIGHT soft key to return to step 2

```
[201] KEY PROG.
18 : NONE  → GPIK 03
```

6.   Press TRSF to store and exit
          OR
     Press SPK to store and advance to next
     MMC

DCS 70
ACTION   **DISPLAY**

1. Press TRSF 722
   Display shows

   ```
   [201]  KEY (MAST)
   01:CALL1 →
   ```

2. Enter station number (e.g., 205)
   OR
   Press UP or DOWN key to make selection and press
   RIGHT soft key

   ```
   [205]  KEY (MAST)
   01:CALL1 →
   ```

   **If selected station has no AOM pair, go to step
   4**

3. Enter 0 for MAST, 1 for AOM1 or 2 for AOM2.
   OR
   Press UP or DOWN key to make selection and press
   RIGHT soft key

   ```
   [205]  KEY (MAST)
   01:CALL1 →
   ```

4. Enter key number (e.g., 18)
   OR
   Press UP or DOWN key to make selection and press
   RIGHT soft key
          OR
   Press programmable button

   ```
   [205]  KEY (MAST)
   18:NONE →_
   ```

5. Using table above, press dial key pad number to make
   selection
   OR
   Press UP or DOWN key to make selection and press
   RIGHT soft key to advance cursor to step 5 to enter
   extender, if required, or to return to step 2

   ```
   [205]  KEY (MAST)
   18:NONE →GPIK_
   ```

6. If required, enter extender (e.g.,03)
   OR
   Press UP or DOWN key to make selection and press
   RIGHT soft key to return to step 2

   ```
   [205]  KEY (MAST)
   18:NONE →GPIK03
   ```

7. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: **SEE BELOW**

RELATED ITEMS: **MMC 107 KEY EXTENDER**

DCS/COMPACT/DCS 70 24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG0
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:MUTE	21:GPICK	22:PAGE	23:CBK	24:MSG

DCS/COMPACT 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE

DCS 70 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:MUTE	09:GPIK01	10:PAGE	11:CBK	12:MSG

Add-On Module

01:DS	13:DS	25:DS	37:DS
02:DS	14:DS	26:DS	38:DS
03:DS	15:DS	27:DS	39:DS
04:DS	16:DS	28:DS	40:DS
05:DS	17:DS	29:DS	41:DS
06:DS	18:DS	30:DS	42:DS
07:DS	19:DS	31:DS	43:DS
08:DS	20:DS	32:DS	44:DS
09:DS	21:DS	33:DS	45:DS
10:DS	22:DS	34:DS	46:DS
11:DS	23:DS	35:DS	47:DS
12:DS	24:DS	36:DS	48:DS

DCS/COMPACT/DCS 70 24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG0
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:MUTE	21:GPICK	22:PAGE	23:CBK	24:MSG

DCS/COMPACT 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE

DCS 70 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:MUTE	09:GPIK01	10:PAGE	11:CBK	12:MSG

6 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG0

Add-On Module

01:DS	13:DS	25:DS	37:DS
02:DS	14:DS	26:DS	38:DS
03:DS	15:DS	27:DS	39:DS
04:DS	16:DS	28:DS	40:DS
05:DS	17:DS	29:DS	41:DS
06:DS	18:DS	30:DS	42:DS
07:DS	19:DS	31:DS	43:DS
08:DS	20:DS	32:DS	44:DS
09:DS	21:DS	33:DS	45:DS
10:DS	22:DS	34:DS	46:DS
11:DS	23:DS	35:DS	47:DS
12:DS	24:DS	36:DS	48:DS

FOR PROGRAMMABLE KEY ASSIGNMENTS SEE SUPPLEMENT OF MMC 723.
DCS/COMPACT/DCS 70 24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG0
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15:NONE	16:NONE	17:NONE	18:NONE
19:CONF	20:MUTE	21:GPICK	22:PAGE	23:CBK	24:MSG

DCS/COMPACT 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE

DCS 70 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG0
07:CONF	08:MUTE	09:GPIK01	10:PAGE	11:CBK	12:MSG

Add-On Module

01:DS	13:DS	25:DS	37:DS
02:DS	14:DS	26:DS	38:DS
03:DS	15:DS	27:DS	39:DS
04:DS	16:DS	28:DS	40:DS
05:DS	17:DS	29:DS	41:DS
06:DS	18:DS	30:DS	42:DS
07:DS	19:DS	31:DS	43:DS
08:DS	20:DS	32:DS	44:DS
09:DS	21:DS	33:DS	45:DS
10:DS	22:DS	34:DS	46:DS
11:DS	23:DS	35:DS	47:DS
12:DS	24:DS	36:DS	48:DS

DCS200, DCS70 with V6.33 +, DCS24 with V1.12+ software

Falcon 28 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MSG
06:NONE	07:NONE	08:NONE	09:NONE	10:NONE
11:NONE	12:NONE	13:NONE	14:NONE	15:NONE
16:NONE	17:NONE	18:NONE	19:NONE	20:NONE

21:NONE	25:NONE
22:NONE	26:NONE
23:SPD	27:LNR
24:TRSF	28: SPKR

Falcon 18 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MSG
06:NONE	07:NONE	08:NONE	09:NONE	10:NONE

21:NONE	25:NONE
22:NONE	26:NONE
23:SPD	27:LNR
24:TRSF	28: SPKR

Falcon 8 Button Keyset (Display and non-Display)

01:CALL1	02:CALL2	03:MSG	04:TRSF
05:NONE	06:NONE	07:NONE	08:SPKR

64 Button Add-On Module

01:DS	02:DS	03:DS	04:DS	05:DS
06:DS	07:DS	08:DS	09:DS	10:DS
11:DS	12:DS	13:DS	14:DS	15:DS
16:DS	17:DS	18:DS	19:DS	20:DS
21:DS	22:DS	23:DS	24:DS	25:DS
26:DS	27:DS	28:DS	29:DS	30:DS
31:DS	32:DS	33:DS	34:DS	35:DS
36:DS	37:DS	38:DS	39:DS	40:DS
41:DS	42:DS	43:DS	44:DS	45:DS
46:DS	47:DS	48:DS	49:DS	50:DS
51:DS	52:DS	53:DS	54:DS	55:DS
56:DS	57:DS	58:DS	59:DS	60:DS
61:DS	62:DS	63:DS	64:DS	

14 Button Add-On Module

01:DS
02:DS
03:DS
04:DS
05:DS
06:DS
07:DS
08:DS
09:DS
10:DS
11:DS
12:DS
13:DS
14:DS

MMC 723: System Key Programming

DESCRIPTION:

This MMC is much like MMC 722 Station Key Programming. The main difference is that this MMC is system-wide rather than on a per station basis. Features are entered via the dial pad key, by pressing the dial pad number the required steps to select the feature. For example, for OHVA, the number 6 is pressed three times. If the BOSS key is required, first press 2 for the first letter B and then use the UP or DOWN key to make the selection from BARGE to BOSS.

NOTE: Please remember that this program is system-wide.

DIAL KEYPAD

COUNT →	1	2	3
DIAL 2	AAPLAY	BARGE	CALL
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HLDPK	IG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SETMG
DIAL 8	TG	UA	VDIAL

	DCS TYPE OF SET		**DCS 70** TYPE OF SET		**DCS 24** TYPE OF SET
DIAL 0	24 BTN SETS	DIAL 0	24 BTN SETS	DIAL 0	24 BTN SETS
DIAL 1	12 BTN SETS	DIAL 1	12 BTN SETS	DIAL 1	12 BTN SETS
DIAL 2	6 BTN SETS	DIAL 2	7 BTN SETS	DIAL 2	
DIAL 3	24B EU-SETS	DIAL 3	6 BTN SETS	DIAL 3	6 BTN SETS
DIAL 4	48B EU-AOM	DIAL 4	32 BTN AOMS	DIAL 4	
DIAL 5		DIAL 5	48 BTN AOM	DIAL 5	48 BTN AOM
DIAL 6	28B SETS	DIAL 6	28B SETS	DIAL 6	28B SETS
DIAL 7	18B SETS	DIAL 7	18B SETS	DIAL 7	18B SETS
DIAL 8	8B SETS	DIAL 8	8B SETS	DIAL 8	8B SETS
DIAL 9	64B AOM	DIAL 9	64B AOM		

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1.   Press TRSF 723
     Display shows

     ```
     SYS. KEY PROGRAM
     TYPE: 24 BTN SETS
     ```

2.   Enter via dial pad type of set (eg., 2)
           OR
     Press UP or DOWN key to make
     selection and press RIGHT soft key to
     move cursor

     ```
     SYS. KEY PROGRAM
     TYPE: ADD ON MODL
     ```

3.   Enter key number (eg., 18)
            OR
      Press UP or DOWN key to make
      selection and press RIGHT soft key move
      cursor

```
SYS. KEY PROGRAM
18 : DS            →
```

4.   Using above chart pressing dial pad key
      number to make selection
            OR
      Press UP or Down key to make selection
      and press RIGHT soft key to advance
cursor   to step 5 to enter extender if required
      OR
      Press LEFT soft key to return to step 3

```
SYS. KEY PROGRAM
18 : DS            → GPIK
```

5.   If required, enter extender (eg., 03)
            OR

      Press UP or DOWN key to make
      selection
      Press RIGHT soft key to return to step 2
      Press LEFT soft key to return to step 3

```
SYS. KEY PROGRAM
18 : DS            → GPIK
03
```

6.   Press TRSF to store and exit
            OR
      Press SPK to store and advance to next
      MMC

DEFAULT DATA: **SEE BELOW. See MMC722 for Falcon Keyset key defaults.**

24 Button Keyset with or without Display

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE
13:NONE	14:NONE	15INONE	16:NONE	17:NONE	18:NONE
19:CONF	20:MUTE	21:GPICK	22:PAGE	23:CBK	24:MSG

DCS/COMPACT12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:NONE	08:NONE	09:NONE	10:NONE	11:NONE	12:NONE

DCS 70 12 Button Keyset

01:CALL1	02:CALL2	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:MUTE	09:GPIK01	10:PAGE	11:CBK	12:MSG

DCS/COMPACT/DCS70 Add-On Module

01:DS	02:DS	03:DS	04:DS
05:DS	06:DS	07:DS	08:DS
09:DS	10:DS	11:DS	12:DS
13:DS	14:DS	15:DS	16:DS
17:DS	18:DS	19:DS	20:DS
21:DS	22:DS	23:DS	24:DS
25:DS	26:DS	27:DS	28:DS
29:DS	30:DS	31:DS	32:DS
33:DS	34:DS	35:DS	36:DS
37:DS	38:DS	39:DS	40:DS
41:DS	42:DS	43:DS	44:DS
45:DS	46:DS	47:DS	48:DS

DCS / COMPACT S/W VER 1.X   DCS/COMPACT S/W VER 4.x + /DCS 70

DCS / COMPACT S/W VER 1.X		DCS/COMPACT S/W VER 4.x + /DCS 70	
AAPLAY	AUTO ATTENDANT PLAY	AAPLAY	AUTO ATTENDANT PLAY
AAREC	AUTO ATTENDANT RECORD	AAREC	AUTO ATTENDANT RECORD
ACCT:	ACCOUNT	AB:	ABSENT nb. DCS70 ONLY
ALARM:	ALARM RING ANSWER	ABAND	VEIW ABANDONED CALL CLIP
BARGE:	BARGE-IN	ACCT:	ACCOUNT
BLOCK:	OHVA BLOCK	ALARM:	ALARM RING ANSWER
BOSS:	BOSS / SECRETARY	BARGE:	BARGE-IN
CALL:	CALL BUTTON	BLOCK:	OHVA BLOCK
CAMP:	STATION CAMP ON	BOSS:	BOSS / SECRETARY
CANMG:	MESSAGE CANCEL	CALL:	CALL BUTTON
CBK:	CALL BACK	CAMP:	STATION CAMP ON
CLIP:	CALLING LINE I.D PRESENTATION	CANMG:	MESSAGE CANCEL
CONF:	CONFERENCE	CBK:	CALL BACK
DICT:	DICTATION	CLIP:	CALLING LINE I.D PRESENTATION
DIR:	DIRECTORY	CONF:	CONFERENCE
DLOCK:	DOOR LOCK	CSNR	CLIP SAVE NUMBER REDIAL
DND:	DO NOT DISTURB	CS	UCD CALL WAITING STATUS nb DCS 70 Only
DP:	DIRECT PICK UP	DICT:	DICTATION
DS:	DSS KEY	DIR:	DIRECTORY
DT:	DTS KEY	DLOCK:	DOOR LOCK
FAUTO:	FORCED AUTO ANSWER	DND:	DO NOT DISTURB
FLASH:	FLASH	DP:	DIRECT PICK UP
		DROP:	TRANSFER CALL DROP
FWRD:	CALL FORWARD	DS:	DSS KEY
GPIK:	GROUP PICK UP	DT:	DTS KEY
HLDPK:	HOLD PICK UP	FAUTO:	FORCED AUTO ANSWER
IOG:	IN/OUT OF GROUP	FLASH:	FLASH
LCR:	LEAST COST ROUTING	FWRD:	CALL FORWARD
LISTN:	GROUP LISTENING	GPIK:	GROUP PICK UP
LNR:	LAST NUMBER REDIAL	HLDPK:	HOLD PICK UP
MMPA:	MEET ME PAGE ANSWER	IG:	IN/OUT OF GROUP
MMPG:	MEET ME PAGE	INQIRE	CLIP INQUIRE
MSG:	MESSAGE	ISPY	STATION CLIP VIEW
MUTE	MUTE	LCR:	LEAST COST ROUTING
PGMMSG	PROGRAMMED STATION MESSAGE	LISTN:	GROUP LISTENING
NEW:	NEW CALL	LNR:	LAST NUMBER REDIAL
NIGHT:	NIGHT SERVICE	MMPA:	MEET ME PAGE ANSWER
OHVA:	OFF HOOK VOICE ANNOUNCE	MMPG:	MEET ME PAGE

OPER:	OPERATOR	
PAGE:	PAGE	
PAGPK:	PICKUP PAGE HOLD	
REJECT:	OHVA REJECT	
RETRY:	AUTO REDIAL ON BUSY	
SG:	STATION GROUP	
SETMG:	SET MESSAGE W/O RING	
SNR:	SAVED NUMBER REDIAL	
SP:	SUPERVISOR OF UCD	
SPD:	SPEED DIAL	
TG:	TRUNK GROUP	
TIMER:	TIMER	
UA:	UNIVERSAL ANSWER	
VDIAL:	DIAL BY VOICE ACCESS	
VREC	RECORD KEY FOR DIAL BY VOICE	

MSG:	MESSAGE
MUTE	MUTE
NEW:	NEW CALL
NIGHT:	NIGHT SERVICE
NND	NAME NUMBER DISPLAY
NXT	NEXT CALL CLIP
OHVA:	OFF HOOK VOICE ANNOUNCE
OPER:	OPERATOR
PAGE:	PAGE
PAGPK:	PICKUP PAGE HOLD
PARK:	CALL PARK/RETRIEVE
PMSG	PROGRAMMED STATION MESSAGE
REJECT:	OHVA REJECT
RETRY:	AUTO REDIAL ON BUSY
REVW	REVIEW CLIP
SG:	STATION GROUP
SETMG:	SET MESSAGE W/O RING
SNR:	SAVED NUMBER REDIAL
SP:	SUPERVISOR OF UCD
SPD:	SPEED DIAL
STORE	STORE CLIP IN PERSONAL SPD DIAL
TG:	TRUNK GROUP
TIMER:	TIMER
UA:	UNIVERSAL ANSWER
VDIAL:	DIAL BY VOICE ACCESS
VG:	GROUP MAILBOX ACCESS eg.VG501
VMSCMT:	VMS COMMENT
VMSMSG	VMS MESSAGE
VMSOUT:	VMS OUT
VMSREC:	VMS RECORD
VMSVAC:	VMS VACANT
VREC:	RECORD KEY FOR DIAL BY VOICE

The following is applicable to DCS 24, DX408, DCS 70 and DCS 200 with Version 6 software installed

AAPLAY	AUTO ATTND MESSAGE PLAY	Not DX408
AAREC	AUTO ATTND MESSAGE RECORD	Not DX408
AB	ABSENCE	
ABAND	ABANDON DATA	
ACCT	ACCOUNT	
ALARM	ALARM RING ANSWER	
AN/RLS	ANSWER/RELEASE	
BARGE	BARGE-IN	
BLOCK	OHVA BLOCK	
BOSS	BOSS / SECRETARY	
CALL	CALL BUTTON	
CAMP	STATION CAMP ON	
CANMG	MESSAGE CANCEL	
CBK	CALLBACK	
CLIP	CLIP	
CONF	CONFERENCE	
CR	CALL RECORD	Not DCS 24/DX408
CS	UCD CALL WAITING STATUS	
CSNR	CLIP SAVE NUMBER REDIAL	
DICT	DICTATION	
DIR	DIRECTORY	
DLOCK	DOOR LOCK	
DND	DO NOT DISTURB	
DP	DIRECT PICK UP	

DROP	TRANSFER CALL DROP	
DS	DSS KEY	
DT	DTS KEY	
EXTMIC	EXTERNAL MICROPHONE (FALCON)	V6.33+ Use with Falcon 18 & 28 / KDBF
FAUTO	FORCED AUTO ANSWER	
FLASH	FLASH	
FWRD	CALL FORWARD	
GPIK	GROUP PICK UP	
HDSET	HEADSET MODE ON/OFF	
HLDPK	HOLD PICK UP	
IG	IN/OUT OF GROUP	
INQIRE	CID INQUIRE	
ISPY	CID SPY	
LCR	LEAST COST ROUTING	
LISTN	GROUP LISTENING	
LNR	LAST NUMBER REDIAL	
MMPA	MEET ME PAGE ANSWER	
MMPG	MEET ME PAGE	
MSG	MESSAGE	
MUTE	MUTE	
NEW	NEW CALL	
NIGHT	NIGHT SERVICE	
NND	CID NAME/NUMBER/DATE	
NXT	CID NEXT	
OHVA	OFF HOOK VOICE ANNOUNCE	
OPER	OPERATOR	
PAGE	PAGE	
PAGPK	PICKUP PAGE HOLD	
PARK	CALL PARK/RETRIEVE	
PAUSE	PAUSE	
PMSG	PROGRAMMED STATION MSG	
REJECT	OHVA REJECT	
RETRY	AUTO REDIAL ON BUSY	
REVW	REVIEW (CID)	
SETMG	SET MESSAGE W/O RING	
SG	STATION GROUP	
SNR	SAVED NUMBER REDIAL	
SP	SUPERVISOR OF UCD	
SPD	SPEED DIAL	
SPKR	SPEAKER	V6.33+ use with Falcon
STORE	STORE (CID)	
TG	TRUNK GROUP	
TIMER	TIMER	
TRANS	TRANSFER	V6.33+ use with Falcon
UA	UNIVERSAL ANSWER	
VDIAL	VOICE DIALLER ACCESS	
VG	VMS GROUP	)
VMADM	VOICE MAIL ADMINISTRATION	)
VMAME	ANSWER MACHINE EMULATION	)
VM	VOICE MAIL MEMO	)
VMMSG	VOICE MAIL MESSAGE KEY	)
VMSCMT	VMS COMMENT	) Not DCS 24 / DX408
VMSMSG	VMS MESSAGE	)
VMSOUT	VMS OUT	)
VMSREC	VMS RECORD	)
VMSVAC	VMS VACANT	)
VREC	RECORD KEY FOR VOICE DIALLER	)
VT	VM TRANSFER	

RELATED ITEMS: **NONE**

KEY ASSIGNMENT   DESCRIPTION

PCMMC	KCMMC	Feature Description
AAPL:	AAPLAY:	Play Auto Attendant messages
AARC:	AAREC:	Record Auto Attendant messages
AB:	AB:	DCS 70 ONLY. Absent feature. When activated at a station display will read ABSENT. DSS keys for that station programmed on other keysets will flash. It is still possible to call stations in absent mode.
ABND	ABAND	View abandoned call CLIP details Default password = 1234
ACCT:	ACCT:	Account code entry
ALM:	ALARM:	Alarm ring answer key Passcode under TENANT/PASSCODES Alarm sensor ring
ANS/RLS:	ANS/RLS:	DCS 70 ONLY. Answer / Release key
BARG:	BARGE:	Executive Barge-in. Allow under TENENTS/BARGE IN TYPE. NOTE: Bargee must have SECURE set to NO in COS and Barger must have OVERRIDE set to YES in COS
BLOK:	BLOCK:	OHVA block. Disable OHVA to station
BOSS:	BOSS:	Set up for BOSS or SEC. Allows intercom calls between parties, flashes on SEC when BOSS sets DND, all calls to boss ext now divert to Sec.
CALL:	CALL:	Termination point for calls to keysets for C.O calls (if no DTS keys assigned), Intercom calls and Indial calls. – 1st & 2nd keys are CALL keys by default it is suggested that these remain.
CAMP:	CAMP:	Camp On. Useful on Non display keysets as Camp on appears as a soft key option on LCD
CMSG:	CANMG:	Cancel Message. Cancels messages.
CBK:	CBK:	Call back. Useful on Non display keysets as Call back appears as a soft key option on LCD
CONF:	CONF:	Conference. Bring in other parties (internal or external), to drop a party press CONF or TRANS followed by their number.
CID/CLIP:	CLIP:	Calling line identification presentation. Displays CLIP
CS:	CS:	DCS 70 ONLY. UCD Call Waiting Status. Provides flashing indication when calls in UCD queue reach the number as set in MMC 500 UCD CS level indication. This key must be programmed with an extender eg.510
CSNR:	CNSR:	CLIP Number Saved Redial. Whilst on an incoming call pressing this key will save the CLIP number of the call, after terminating that call pressing this key again will redial that CLIP number.
DICT:	DICT:	When on a call, pressing this key allows you to leave up to 3 messages, can be recalled later when call is terminated.
DIR:	DIR:	Directory. Look up numbers stored in Personal/System/Station speed dials. This key can have a extender 1=Personal 2=System 3=Station
DLOK:	DLOCK:	Door Lock. Operates door unlock feature.
DND:	DND:	Do Not Disturb
DP:	DP:	Directed Call Pick up. Station number can be specified.
DROP:	DROP:	Transfer Call Drop.
DS:	DS:	Direct Station Select. Station number must be specified.
DT:	DT:	Direct Trunk Select. Trunk number must be specified.
FANS:	FAUTO	Forced answer. When dialling another ext, on hearing ring tone pressing this key will auto answer the remote called station setting up an intercom hands free call.
FLSH:	FLASH:	Flash. Sends hookflash to C.O line.

FWRD:	FWRD:	Forward. If only FWRD entered user will need to input forward option presented on LCD activated via soft keys. An extender can be assigned to this key 1=All 2=Busy 3=No Answer 4=Busy/No Answer 5=Follow Me 0=Cancell call forward.
GPIK:	GPIK:	Group Pick Up. Allows calls ringing at a group to be picked up. An extender can be assigned eg. GPIK 501.
HDST:	HDSET:	DCS 70 ONLY. Headset Mode. Toggles keyset between Headset & Handset mode. Key will light when headset mode is set.
HPICK:	HLDPK:	Hold Pick Up. If a call is on hold the call can be retrieved by pressing this key followed by the station number that put the call on hold or the held trunk number.
IG:	IG:	In / Out of group. If only IOG is entered user must specify which group they wish to log in/out of. An extender may be assigned to this key eg. IOG 501
INQ:	INQUIRE:	Inquire. By pressing this key then entering a trunk number the user can read the CLIP data for a held call on that trunk.
ISPY:	ISPY:	I Spy. By pressing this key then entering station passcode the user can then enter another station number which is in conversation the display will read the dialled number and give the options to either Barge in or Drop the call. Note: the station passcode must be changed from default of 1234.
LCR:	LCR:	Lease cost route will be activated for call made after pressing this button.
LSTN:	LISTN:	Listen. When on a call using the handset, pressing this key enables the speaker the mic remains muted.
LNR:	LNR:	Last Number Redial.
MMPA:	MMPA:	Meet Me Page Answer.
MMPG:	MMPG:	Meet Me Page.
MSG:	MSG:	Message Waiting Indication. NOTE: this key is not for VMS message indication.
MUTE:	MUTE:	Mute key. Key will light to indicate muted condition. Useful on Non display keysets as mute on appears as a soft key option on LCD
NEW:	NEW:	Clears the call, allowing user to make another call.
NIGT:	NIGHT:	Night. Allows access to night mode setting (note COS reliant) Lights steady when system in night mode.
NND:	NND:	Name Number Display. Pressing this key whilst in conversation will toggle the display between Tk # and time of call – CLIP name if any – CLIP number.
NXT:	NXT:	Next. Displays the CLIP name/number of call off hook ringing at busy station.
OHVA:	OHVA:	Off Hook Voice Announcement. Pressing this key after dialling a busy ext will intrude on the conversation at the busy ext.
OPER:	OPER:	Rings assigned operator group. Default 500.
PAGE:	PAGE:	Page to be assigned with a valid page zone as extender eg. PAGE 1 (page zone 1)
PARK:	PARK:	DCS 70 only. Call park / retrieve. Pressing this key places a call on hold in a park slot; park slot can either be entered after pressing Park key or programmed as a key extender.
PAUSE:	PAUSE:	Pause. Inserts a pause break in dialling digit stream.
PGPK:	PGPK:	Pick up Page Hold. When a user operates paging the TK call is put on hold either manually or automatically depending on station on/off option set. Pressing this key then a ext number which made the page or the TK number of the parked call will pick up that call
PMSG:	PGMMSG:	Program Message. An extender may be programmed to specify a specific message number.
REJT:	REJECT:	Blocks an OHVA announcement at the keyset.
RTRY:	RETRY:	Retry on Busy. Only for PSTN TKs Retry is given as a soft key option on LCD.
REVW:	REVW:	CLIP Review. Review CLIP information of previous calls.
SMSG:	SETMG:	Set Message for ext.
SG:	SG:	Sets up call to Station Group. A group can be entered after pressing this key or a specific group can be assigned as a key extender eg.SG 501
SNR:	SNR:	Saved Number Redial. Dials number previously saved by performing a number save – SCROLL – CLIP – SCROLL – SAVE

SP:	SP:	UCD Supervisor. Enter UCD Supervisor mode. Presents 3 options CALL, ADMIN , AGENT
SPD:	SPD:	Speed Dial. A specific speed dial can be assigned as a key extender eg. SPD 500
STRE:	STORE:	Store Clip information in personal speed dial bin (uses next free bin)
TG:	TG:	Trunk Group. A specific trunk group can be assigned as a key extender eg.TG 81
TMR:	TIMER:	Stopwatch. Activates a stopwatch feature when on hook.
UA:	UA:	Universal Answer Key
VDL:	VDIAL:	Voice dial access. Press key and speak name.
VMGM: VG-DCS	VG:	VMS Group message key. Message wait indication for group mailbox must have group number assigned as a key extender eg. VG 501
VMSC:	VMSCHMT :	VMS Comment. Allows a comment to an existing message and forwarded to another mailbox.

MMC 724:   Dial Numbering Plan

DCS 200 and DCS Compact Version 1.x to Version5.x software

DESCRIPTION:

MMC 724 allows the technician to customise the default feature access codes and numbering plan. There is also an error message provided because of the chance of duplicating an access/feature code. Dialling codes are entered via the dial pad key, by pressing the dial pad number the required steps to select the feature. For example, for OHVA, the number 6 would be pressed three times. If Block Code is required, press 2 for the first letter B and then use the UP or DOWN key to make the selection from BARGE to BLOCK.

NOTE: Please remember that this program is system-wide.

DIAL KEY PAD

COUNT →	1	2	3
DIAL 2	APLAY	BARGE	CAMP
DIAL 3	DECT	DECT	FAUTO
DIAL 4	GRPK	HLDPK	IG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMC	NEW	OHVA
DIAL 7	PAGE	REJECT	SO
DIAL 8	TGP	UA	VDIAL
DIAL 9	WCOS	WCOS	WCOS

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF
   Display shows

   ```
   DIAL NUMBER PLAN
   ABAND          :64 →
   ```

2. Using the chart, press dial pad key
   number to make selection
            OR
   Press UP or DOWN key to make selection
   and press RIGHT soft key to advance cursor

   ```
   DIAL NUMBER PLAN
   DICT        :NONE →
   ```

3. Enter in digits (eg., 68) via the dial key pad

   ```
   DIAL NUMBER PLAN
   DICT          :NONE → 68
   ```

4. Press LEFT soft key to enter change and
    continue to make changes
                OR
    Press RIGHT soft key to enter and return to
    step 2
    If a error message appears indicating
    duplication of access code.
    Enter 1 for YES for change
    Enter 0 for NO for no change

```
SAME DIAL EXIST
CHANGE?   Y : 1  N : 0
```

```
SAME DIAL EXIST
CHANGE?   Y : 1  N : 0
```

5. Press TRSF to store and exit
                OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA: SEE BELOW

ABAND	64
ACCT	47
ALM041	3501
ALMCLR	57
AUTH	∗
BARGE	NONE
BGM035	3701- 3719
BLOCK	NONE
BOSS	NONE
CAMP	45
CANMG	42
CB.039	3801-3819
CBK	44
CONF	46
DECT	7901-7948
DICT	NONE
DIR	NONE
DIRPK	65
DISALM	58
DLOCK	13
DND	40
FAUTO	14
FLASH	49
FWD	60
GRPK	66
HLDPK	12
HOLD	11
IG	53
LB.040	3901-3919
LCR	NONE
LISTN	NONE
LNR	19
MMC(SLT)	15
MMPA	56
MMPG	54
MSG	43
NEW	NONE
NIGHT	NONE
OHVA	NONE
OPER	9
PAGE	55
PAGPK	10

PMSG   48
REJECT   NONE
ROP   3601-3639
SO 273-304 7801-7832
SELF ID   NONE
SETMG   41
SGP01-30   500-529
SLTCLR   NONE
SNR   17
SPEED   16
STN   201-299,
            301-349
TGP   0, 80-89
TRK   701-799
UA   67
VDIAL   681
VMSCMT   NONE
VMSMSG   NONE
VMSOUT   NONE
VMSREC   NONE
VMSVAC   NONE
VREC   682
WCOS   59

RELATED ITEMS: ALL PROGRAMS AND FEATURES

MMC 724:   Dial Numbering Plan

The following details the Ports default data for DCS 70 and DCS 24. The FEATURES listed are applicable to DCS 24, DCS 70 and DCS 200 with Version 6 software installed. Some features do not apply to Ver 5.XX DCS 70 or DCS 24 – these are noted accordingly.

DESCRIPTION:

Provides the access codes and dialling plan needed for operation of features and programs. The system comes with a wide range of acceptable numbering plans set as default and the option to customise the dialling plan. An error message is also provided in case an access/feature code is duplicated.

The following options may be selected:

0	STN DIAL NUMBER	Determines the station port dialling numbers
1	TRK DIAL NUMBER	Determines the trunk port dialling numbers.
2	STNG DIAL NUMBER	Determines the station group dialling numbers.
3	TRKG DIAL NUMBER	Determines the trunk group dialling numbers.
4	FEAT DIAL NUMBER	Determines the feature codes.
5	MISC DIAL NUMBER	Determines the miscellaneous port dialling numbers.
6	S0 STN DIAL NO.	Determines the S0 station dialling number.
7	DECT STN DIAL NO	Determines the DECT station dialling number. (Not DCS 24)

Feature codes are entered via the dial keypad, by pressing numbers as shown in the table below. For example, for OHVA, the number 6 would be pressed three times. If Block Code is required, press 2 for the first letter B and then use the UP or DOWN key to make the selection from BARGE to BLOCK.

Important: Remember that this program is system wide.

<div align="center">DIAL KEYPAD</div>

COUNT→	1	2	3
DIAL 2	AAPLAY	BARGE	CAMP
DIAL 3	DICT	DICT	FAUTO
DIAL 4	GPIK	HDSET	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SETMG
DIAL 8	UA	UA	VDIAL
DIAL 9	WCOS	WCOS	WCOS

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 724
   Display shows

   ```
   STN DIAL NUMBER
   BASE01:201    →
   ```

2. Enter option number 0-7 (e.g., 4)
   OR
   Press UP or DOWN key to make selection and press RIGHT
   soft key.

   ```
   FEAT DIAL NUMBER
   AAPLAY:NONE→
   ```

3. Using table above, press dial keypad number to make selection
   OR
   Press UP or DOWN key to make selection and press RIGHT
   soft key to advance cursor

   ```
   FEAT DIAL NUMBER
   DICT    :NONE→_
   ```

4. Enter digits (e.g., 68) via dial keypad

   ```
   FEAT DIAL NUMBER
   DICT    :NONE→68
   ```

5. Press LEFT soft key to enter change and continue to make
   changes
   OR
   Press RIGHT soft key to enter and return to step 2

   If an error message appears indicating duplication of access
   code:
   Enter 1 for YES for change OR 0 for NO for no change

   ```
   SAME DIAL EXIST
   CHANGE?   Y:1,N:0
   ```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DCS 70
DEFAULTS:
PORTS
STATIONS   201/301-2XX-3XX
TRUNKS   701-7XX
381-384 MISC 2 CARD
PAGE 1   361-MOTHERBOARD
PAGE 2   362-MOTHERBOARD
MOH 2   372 MISC CARD

DCS 24
DEFAULTS:
PORTS
STN DIAL NUMBER :   201 ~ 216
TRK DIAL NUMBER :   701 ~ 710
AA DIAL NUMBER :   AA : 381 ~ 384
MISC DIAL NUM :   External page: 361
    BGM : 371
    Common bell : None
    Loud bell : None ~
STNG DIAL NUMBER :   500 ~ 509
TRKG DIAL NUMBER :   0, 80 ~ 82
S0 STN DIAL NO.:   7801~7816

FEATURES

ABAND	64	
ABS	NONE	
ACCT	47	
ALM041	3501	Not DCS24
ALMCLR	57	
AUTH	*	
BARGE	NONE	
BGM035	3701- 3719	Not DCS24
BLOCK	NONE	
BOSS	NONE	
CAMP	45	
CANMG	42	
CB.039	3801-3819	Not DCS24
CBK	44	
CONF	46	
CR	NONE	Ver 6 DCS, DCS70 only
DECT	7901-7948	Not DCS24
DICT	NONE	
DIR	NONE	
DIRPK	65	
DISALM	58	
DLOCK	13	
DND	40	
DNDOVER	NONE	Ver 6 DCS, DCS70, DCS24 only
FAUTO	14	
FLASH	49	
FWD	60	
GRPK	66	
HDSET	NONE	
HLDPK	12	
HOLD	11	
IG	53	
LB.040	3901-3919	Not DCS24
LCR	NONE	
LISTN	NONE	
LNR	19	
MMPA	56	
MMPG	54	
MSG	43	
MYGRPK	NONE	
NEW	NONE	
NIGHT	NONE	
OHVA	NONE	
OPER	9	
PAGE	55	
PAGPK	10	
PARK	NONE	
PAUSE	NONE	
PMSG	48	
REJECT	NONE	
ROP	3601-3639	Not DCS24
SELFID	NONE	
SLTMMC	15	
SO 273-304	7801-7832	Not DCS24
SETMG	41	
SGP01-30	500-529	Not DCS24
SLTCLR	NONE	Not DCS24
SNR	17	
SPEED	16	

STN	201-299, 301-349	Not DCS24
TGP	0, 80-89	Not DCS24
TRK	701-799	
UA	67	
VDIAL	681	Not DCS24
VMADM	NONE	Ver 6 DCS, DCS70 only
VMAME	NONE	Ver 6 DCS, DCS70 only
VMMEMO	#	Ver 6 DCS, DCS70 only
VMSG	NONE	Ver 6 DCS, DCS70 only
VMSCMT	NONE	
VMSMSG	NONE	
VMSOUT	NONE	
VMSREC	NONE	
VMSVAC	NONE	
VREC	682	Not DCS24
WCOS	59	

RELATED ITEMS: ALL PROGRAMS AND FEATURES

MMC 725:   SMDR Options

DESCRIPTION:

Allows the System Administrator or technician to select the information printed on the SMDR report. The following options may be selected to print on SMDR:

0.	PAGE HEADER	This option determines whether a page header will print at the top of each page. This would normally be turned off if SMDR is being sent to a call accounting machine.
1.	LINE PER PAGE	This option selects the length of each page to determine when to print the SMDR header. The number of lines may be in the range 01-99.
2.	INCOMING CALL	This option determines whether incoming calls will print on SMDR.
3.	OUTGOING CALL	This option determines whether outgoing calls will print on SMDR.
4.	AUTHORISE CODE	This option determines whether authorisation codes will print on SMDR.
5.	LESS START TIME	This option determines whether valid calls will include the minimum call time in total call duration.
	DCS 70 NOTE:	LESS START TIME IS REFERRED TO AS SMDR START TIME
6.	IN/OUT GROUP	This option allows a message, IN GROUP or OUT GROUP, to be printed in the Digits Dialled column each time a station enters or leaves a group.
7.	DND CALL	This option allows a message, IN DND or OUT DND, to be printed in the Digits Dialled column each time a station enters or leaves DND.
8.	WAKE-UP CALL	This option determines whether stations receiving an alarm reminder call will print on SMDR.
9.	DIRECTORY NAME	This option allows the system administrator to enter a 16 character name which will appear on the SMDR header.
10.	CLIP	This option can be selected to print CLIP data received from the CO on incoming ISDN calls. This option requires the use of a 132 column printer or an 80 column printer set for condensed print.
11.	ABANDON CALL	If this option is set to YES unanswered calls will print on SMDR.
DCS 12	DID NUM/NAME	If this option is set to YES the DID number and name will print on SMDR in the Outgoing call number field.
DCS70 12.	NO. OF DIAL MASK	Determines if number of masked dial digits print on SMDR

The DIRECTORY NAME that appears on the SMDR header is programmed as follows:

Names are written using the keypad. Each press of a key will select a character. Pressing the next key will move the cursor to the next position. For example, if the directory name is "SAM SMITH," press the number "7" three times to get the letter "S." Now press the number "2" once to get the letter "A." Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable key will change the letter from upper case to lower case.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the right soft key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

Note: The DCS70 uses a different count for character selection. Please refer to the DCS70 supplement.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 725
   Display shows

PAGE HEADER
PRINT   :YES

2. Dial the option number (eg. 1)
            OR
   Use the UP and DOWN keys to scroll
   through the options and press the RIGHT
   soft key to select an option

LINE PER PAGE
66 LINE/PAGE

3. Enter the number of lines per page in the
   range 01-99 (eg., 50)
   Use the UP and DOWN keys to change the
   number of lines and press the RIGHT soft
   key to save the data and return to step 2
            THEN

LINE PER PAGE
50 LINE/PAGE

LINE PER PAGE
50 LINE/PAGE

LINE PER PAGE
50 LINE/PAGE

4. If option 0 is selected at step 2

PAGE HEADER
PRINT   :YES

5. If option 2 is selected at step 2

INCOMING CALL
PRINT : YES

6. If option 3 is selected at step 2

OUTGOING CALL
PRINT : YES

7. If option 4 is selected at step 2

AUTHORISE CODE
PRINT : NO

8.   If option 5 is selected at step 2

```
LESS START TIME
PRINT  : YES
```

9.   If option 6 is selected at step 2

```
IN/OUT GROUP
PRINT  : YES
```

10.   If option 7 is selected at step 2

```
DND   CALL
PRINT  : YES
```

11.   If option 8 is selected at step 2

```
WAKE - UP CALL
PRINT  : YES
```

12.   If option 9 is selected at step 2

```
DIRECTORY NAME
_
```

12a.   Enter the 16 character name as described
        above

```
DIRECTORY NAME
SAMSUNG DCS
```

12b.   Press RIGHT key to save name and
        return to step 2

```
DIRECTORY NAME
SAMSUNG DCS
```

13.   If option 10 is selected at step 2

```
CLIP DATA
PRINT : YES
```

14.   If option 11 is selected at step 2

```
ABANDONED CALL
PRINT  : YES
```

15.   After all desired options have been selected,
        press TRSF to exit
                OR
        Press SPK to exit and advance to next MMC

DEFAULT DATA:

PAGE HEADER	**YES**	
LINE PER PAGE	**66**	
INCOMING CALL	**NO**	
OUTGOING CALL	**YES**	
AUTHORISE CODE	**NO**	
LESS START TIME	**YES**	
IN/OUT GROUP	**NO**	
DND CALL	**NO**	
WAKE-UP CALL	**YES**	
DIRECTORY NAME	**NO DEFAULT DEFINED**	
CLIP DATA	**YES**	
ABANDON CALL	**YES**	
DCS V5.X only	**DID NUM/NAME**	**NO**
DCS 70 ONLY	**NO. OF DIAL MASK**	**00**

RELATED ITEMS: MMC 300 CUSTOMER ON AND OFF PER STATION

MMC 726:   VM/AA Options

DESCRIPTION:

Provides a flexible means of setting in band signalling for voice mail or auto attendant parameters. There are eight main options for programming and several sub-options to customise the application. Main options are listed in bold type with the sub-options listed in normal type. Simple YES/NO, numeric and alpha characters are the requirements needed for the setting of VM/AA.

The following options may be selected for VMAA operation:

In band signalling OPTIONS LIST 0-7

0.	EXT FOR DN1	DTMF information for the station that called the VM/AA port station that is forwarded to VM/AA port.
1.	TRK FOR DN1	DTMF information for the trunk that called the VM/AA port.
2.	EXT FOR DN2	DTMF information for the station that originated the call to a station that is forwarded to a VM/AA port.
3.	TRK FOR DN2	DTMF information for the trunk that called a station forwarded to a VM/AA port.
4.	SEPARATOR	In cases where DN2 is used, this specific digit is sent between the DN1 and the DN2 information. Both DN1, DN2 must be set to YES for SEPARATOR to be sent.
5.	DISCONNECT SIGNAL	This signal is sent when the calling station or CO line hangs up.
6.	CALL TYPE ID	Under this VM/AA option is several customising applications.
	0. DIRECT CALL	A call originating directly from another station in the system.
	1. ALL FWD CALL	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD ALL set.
	2. BSY FWD CALL	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD BUSY set.
	3. NOA FWD CALL	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD NO ANSWER set.
	4. RECALL	A call is recalling the VM/AA port after being transferred and not answered.
	5. DIR TRK CALL	A CO call has gone directly to VM/AA (eg., trunk 717 DIL to VM/AA).
	6. OVERFLOW	A call has OVERFLOWED to the VM/AA port from a station group.
	7. DID CALL	A DID call has called the VM/AA port.
	8. MESSAGE CALL	A message button or message reply feature code has been used to call the VM/AA port.
7.	CALL PROGRESS	DTMF digits can be sent in place of normal system TONES. Digits can be assigned to the following tones:

TONES	VALUE
0. DIAL TONE	BA
1. BUSY TONE	4
2. RINGBACK TONE	5
3. DND NO MORE	6
4. HDSET ANSWER	3
5. SPKER ANSWER	2

NOTE: Default data of call progress tones will automatically cleared once if the SMDI VMS SET (MMC 210) is turned on.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used in some fields where a value is entered or deleted.
A	Used to input alpha character "A"
B	Used to insert alpha character "B"
C	Used to insert alpha character "C"

ACTION   **DISPLAY**

1. Press TRSF 726
    Display shows

    ```
    EXT FOR DN1
    YES
    ```

2. Enter the OPTION number from above list
    (eg., 4)

    ```
    SEPARATOR
    NO
    ```

             OR
    Press UP or DOWN key to make selection
    Press LEFT soft key to move cursor

3. Enter 1 for YES or 0 for NO
             OR
    Press UP or DOWN key for selection
    Press RIGHT soft key to return to step 2

    ```
    SEPARATOR
    NO
    ```

4. If option 0 is selected at step 2

    ```
    EXT FOR DN1
    YES
    ```

5. If option 1 is selected at step 2

    ```
    TRK FOR DN1
    YES
    ```

6. If option 2 is selected at step 2

    ```
    EXT FOR DN2
    NO
    ```

7. If option 3 is selected at step 2

    ```
    TRK FOR DN2
    NO
    ```

8. If option 4 is selected at step 2
    (A valid entry consists of digits 0-9 or alpha
    characters A-C)

    ```
    SEPARATOR
    NO
    ```

9.   If option 5 is selected at step 2   ┌─────────────────────────────┐
      (A valid entry consists digits 0-9 or alpha │ DISCONNECT SIGNAL   │
      characters A-C)   │ C   │
                                                  └─────────────────────────────┘

10.   If option 6 is selected at step 2   ┌─────────────────────────────┐
      (A valid entry consists of digits 0-9 or alpha │ CALL TYPE ID   │
      characters A-C)   │ DIRECT CALL : NO   │
      See above list under the CALL TYPE ID   └─────────────────────────────┘
options list

11.   If option 7 is selected at step 2   ┌─────────────────────────────┐
      (A valid entry consists of digits 0-9 or alpha │ PROGRESS TONE ID   │
      characters A-C)   │ DIAL TONE   :B   │
      See above list under the PROGRESS TONE   └─────────────────────────────┘
      ID

DEFAULT DATA: **ALL SET TO NO**
                         EXT FOR DN1 = YES
                         TRK FOR DN1 = YES
                         EXT FOR DN2 = NO
                         TRK FOR DN2 = NO
                         SEPARATOR   = NO
                         DISCONNECT SIGNAL = C
                         CALL TYPE ID = NO (ALL)
                         PROGRESS TONE ID = BA

RELATED ITEMS: **MMC 207 ASSIGN VM/AA PORT**

MMC 727:   System Version Display

DESCRIPTION:

Used to identify the software versions for all the key components of the DCS system. This is a READ ONLY MMC.

PROGRAM KEYS

      SPK   Used to store data and advance to next MMC

DCS / COMPACT

ACTION	DISPLAY

1.   Press TRSF 727
   Display shows

ROM VERSION (UK)	
'95.03.23. V1.0	

   Press UP or DOWN key to select details of all major software versions, within the system boards sequentially.

   SPEECH PROCESSOR

CPM VERSION (UK)	
'95.03.23. V1.0	

   LOCAL PROCESSOR

LPM1 VERSION (UK)	
'95.03.23. V1.0	

   LOCAL PROCESSOR

LPM2 VERSION (UK)	
'95.03.23. V1.0	

   E1 Card, if supported

E1 VERSION (UK)	
'95.03.23. V1.0	

   AA Card
   CxSy: C represents cabinet number installed
   S - slot number location.

AA (C3S3) VERSION (UK)	
'95.03.23. V1.0	

   Voice Dialler Card
   CxSy: C represents cabinet number installed
   S - slot number location.

VD (C3S3) VERSION (UK)	
'95.03.23. V1.0	

2.   If a particular system board is not installed, then the LCD will show "NO {selected Board} CARD". Press the UP or DOWN key to continue.

E1 VERSION (UK)	
'95.03.23. V1.0	

DEFAULT DATA: NONE

DCS 70 and DCS 200 Version 6.x software

ACTION   **DISPLAY**

1. Press TRSF 727
   Display shows

   ```
   ROM VERSION
    ' 97. 03. 18   V1.0
   ```

2. Press UP or DOWN key to select card and program
   version:

   Option 2 or 4 SLI slot installed card .

   ```
   O.SLI  VER: 2OSLI
   NO VERSION DATA
   ```

   Miscellaneous slot installed card and AA program
   version.

   ```
   MISC  VER: MISC
    ' 97. 02. 10   V3.0
   ```

   Basic slot 1 installed card and program version.

   ```
   SLOT 1 VER: 8DLI
   NO VERSION DATA
   ```

   Basic slot 2 installed card and program version.

   ```
   SLOT 2 VER: 6TRK
   NO VERSION DATA
   ```

   Basic slot 3 installed card and program version.

   ```
   SLOT 3 VER:
   NO INSTALL CARD
   ```

   Expansion slot 1 installed card and program version.

   ```
   SLOT 4 VER: 4BRI
    ' 96. 10. 23.  V3.0
   ```

   Expansion slot 2 installed card and program version.

   ```
   SLOT 5 VER: DECT
    ' 97. 02. 10.  V3.0
   ```

   Expansion slot 3 installed card and program version.

   ```
   SLOT 6 VER:
   NO INSTALL CARD
   ```

   Expansion slot 4 installed card and program version.

   ```
   SLOT 7 VER: PRI
    ' 96. 10. 23.  V3.0
   ```

NOTE: If no card is installed, display is NO INSTALL CARD

DCS 24   DISPLAY   ACTION

1. Press TRSF 727
   Display shows

   ```
   ROM VERSION
    ' 98. 07. 16   V1.00
   ```

2. Press UP or DOWN key to select card and program
   version:

   AA slot installed card and AA program version.

   ```
   AA  VER: AA
    ' 97. 10. 02   V1.1
   ```

   Expansion slot installed card and program version.

   ```
   EXP. VER: 4BRI
    ' 98. 10. 10.  V1.0
   ```

   RELATED ITEMS: **NONE**

MMC 728: CLIP Translation Table

DESCRIPTION:

Allows the system administrator or technician to associate a CID number received from the central office with a name programmed in this translation table. If there is no match between a received number and a name in this table, no CID name is displayed.

The translation table consists of 200 entries, each comprising a 16-digit telephone number and a 16-digit name.

Names are written using the keypad. Each press of a key selects a character. Pressing the dial pad key moves the cursor to the next position. For example, if the directory name is SAM SMITH, press the number 7 three times to get the letter S. Now press the number 2 twice to get the letter A. Continue selecting characters from the table below to complete your message.

NOTE: When the character you want appears on the same dial pad key as the previous character, press the UP key to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	(	)	.	&	0
DIAL 1	SPACE	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	(	9
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # key can be used for the following special characters: #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION	DISPLAY

1. Press TRSF 728
   Display shows first entry

```
CLIP XLATION (001)
DGT:
```

2. Dial entry number (e.g., 005)
   OR
   Press UP or DOWN key to select and press RIGHT
   soft key

```
CLIP XLATION (005)
DGT:
```

3. Enter telephone number and press RIGHT soft key to
    advance to name entry
    OR
    Enter telephone number and press LEFT soft key to
    return to step 2

```
CLIP XLATION (005)
DIGIT : 3054264100
```

4. Enter associated name as described above and press
    RIGHT or LEFT soft key to return step 2
    OR
    Press SPK to save and advance to next MMC
    OR
    Press TRSF to save and exit programming

```
CLIP XLATION (005)
SAMSUNG TELECOM
```

DEFAULT DATA: None

RELATED ITEMS: None

MMC 730: AA Record Gain

DCS 70, DCS 24 and DCS 200 Version 6.x software only

DESCRIPTION:

Used to control AA record gain.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 730
    Display shows

    ```
    [381] AAREC.GAIN
    REC.GAIN:0 dB
    ```

2. Dial AA number (first port in card, e.g 385)
    OR
    Press UP or DOWN to select and press RIGHT soft key

    ```
    [385] AAREC.GAIN
    REC.GAIN:0 dB
    ```

3. Press UP or DOWN to select record gain and press RIGHT soft key

    ```
    [385] AAREC.GAIN
    REC.GAIN:+2dB
    ```

4. Press TRSF to store and exit
    OR
    Press SPK to store and advance to next MMC.

DEFAULT DATA: **0 dB**

RELATED ITEMS: **None**

MMC 731:   AA RAM Clear

DESCRIPTION:

This MMC is used for clearing AA RAM on a per AA Card basis. Through this MMC, the system only accepts the first port as a port field and LCD shows it's selection. This will erase all messages that had been programmed previously on the selected card.

ACTION		**DISPLAY**
1.	Press TRSF 731	[3951] RAM CLEAR AA RAM CLEAR? NO
2.	Dial AA number OR Press UP or DOWN press RIGHT soft key	[3951] RAM CLEAR AA RAM CLEAR? NO
3.	Dial 0(No) or 1(Yes) OR Press UP or DOWN	[3951] RAM CLEAR AA RAM CLEAR? YES
4.	Dial 0(No) or 1(Yes) OR Press UP or DOWN	[3951] RAM CLEAR AA RAM CLEAR? NO
5.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA:
RELATED ITEMS: **MMC 601 STATION GROUP**

MMC 732:   AA Trans Table

DESCRIPTION:

This MMC gives more flexibility to the system by making desired Digit Translation Table, which performs the translation from dialled digit(s) into destination parts.
Destination parts could be an Intercom number, station group, REPEAT, Change Greeting Message Code and AA Plan Table.
If you selected as REPEAT, dialled digit may be bypassed without translating.

AA TRAN TABLE 01 and 02 can have up to 100 entries each.
The other tables(03-12) have a 25 entries.

DESTINATION :

        STATION, STATION GROUP, AA TRAN NO, REPEAT and
        CHANGE GREETING MESSAGE CODE

If you press A Button in DESTINATION field you are able to enter AA TRAN NUMBER. When you wish to enter the same index number(01-12) of AA TRAN TABLE as being programmed index number, then the system will not accept with the indication of
"NOT PERMIT" on LCD. For instance, if you are in the below step;

```
AA TRAN TB (02)
001 : → _
```

If you press A Button then LCD will show P;

```
AA TRAN TB (02)
001 : → P_
```

if you enter the same table index number 02 which is being programmed one;

```
AA TRAN TB (02)
001 : → P02
```

then you will hear error tone and LCD will show as follows;

```
AA TRAN TB (02)
NOT PERMIT
```

        If you press B Button in DESTINATION field you are able to enter REPEAT.

        If you press C Button in DESTINATION field you are able to enter CHANGE GREETING MESSAGE CODE.

If the digits programmed as a destination are a voice mail port the voice mail port will receive an in-band packet of DTMF equal to [FWD from EXTENSION NUMBER DIALED].

ACTION   **DISPLAY**

    1.   Press TRSF 732
            Display shows

```
AA TRAN TB (01)
001 : 0 → 500
```

2.	Dial TABLE number	AA TRAN TB (02)
	OR	001 : 0 →
	Press UP or DOWN	
	press RIGHT soft key	

3.	Dial ENTRY number	AA TRAN TB (02)
	OR	002 : 0 →
	Press UP or DOWN	
	press RIGHT soft key	

4.	Dial DIGIT	AA TRAN TB (02)
	press RIGHT soft key	002 : 2 ∗∗ →

5.	Dial Destination	AA TRAN TB (02)
	OR	002 : 2 ∗∗ → 201
	Press UP or DOWN	
	press RIGHT soft key	

6.	Press TRSF to store and exit	AA TRAN TB (02)
	OR	002 : 2 ∗∗ → 201
	Press SPK to store and advance to next MMC	

DEFAULT DATA: **TABLE 01**   **: ENTRY :**   **001 : 0   →500**
                                                           002 : 2**→B
                                                           003 : 3**→B
                                                           004 : 5**→B
                                                           005 : 7***→B
                                                           006: 9 → 500

RELATED ITEMS: **MMC 733**   **AA TRAN TABLE**

MMC 733:   AA Plan Table

DESCRIPTION:

This MMC is used to build AA PLAN TABLE which consists of main factors, ie. system prompt messages, decide to the next call flow according to the status of dialled party and assigning dialled digit translation table.

It will be assigned to a specific AA port or a group of AA ports through MMC 735.

There are a total of 64 messages on a AA board;
> 48 messages are to be recorded by the user (01-48),
> 16 messages are pre-recorded in ROM on the board (49-64).

It's attributes are as follows;

ATTR	TITLE	DATA	COMSG
0	DAY MSG	01-64	Introduction Message during Day Mode
1	NIGHT MSG	01-64	Introduction Message during Night Mode
2	ALTER MSG	01-64	Emergency Message
3	INVLID MSG	01-64	Message when dialled invalid
4	NO ANS MSG	01-64	Message on no answer reply
5	XFER MSG	01-64	Transfer notifying Message
6	BUSY MSG	01-64	Message on busy reply
7	NO STN MSG	01-64	Message on retrial
8	NO ACT MSG	01-64	Message on no action
8	CAMP	Yes/No	Allow Camp-on onto busy extension
9	ANS DELAY	01-10	Delaying until answer (sec)
10	RETRY CNT	0-5	Count for allowing retry on faulty
11	TRANS TABLE	01-12	Assigning associated TRANS TABLE
12	BUSY DEST	DEST	Alternative destination on busy
13	NO ANS DEST	DEST	Alternative destination on no answer
14	NO ACT DEST	DEST	Default destination on no action
15	INVALID DEST	DEST	Default destination on invalid action

There are a total of 12 tables (01-12) in the system.

DESTINATION : STATION, STATION GROUP, AA PLAN NO, REPEAT.

ACTION	**DISPLAY**
1. Press TRSF 733 Display shows	AA PLAN PROG (01) DAY MSG : NONE
2. Dial AA PLAN TABLE number OR Press UP or DOWN press RIGHT soft key	AA PLAN PROG (02) DAY MSG : NONE
3. Dial attributes number OR Press UP or DOWN press RIGHT soft key	AA PLAN PROG (02) NIGHT MSG : NONE

4.   Dial Value per Items
                OR
       Press UP or DOWN
       press RIGHT soft key

```
┌─────────────────────────────┐
│ AA PLAN PROG (02)           │
│ NIGHT MSG : 01              │
└─────────────────────────────┘
```

5.   Press TRSF to store and exit
                OR
       Press SPK to store and advance to next
MMC

DEFAULT DATA: DAY MSG   : 49
                      NIGHT MSG   : NONE
                      ALTER MSG   : NONE
                      INVLID MSG   : 64
                      NO ANS MSG   : 51
                      XFER MSG   : 53
                      BUSY MSG   : 52
                      NO STN MSG   : 50
                      NO ACT MSG   : 59
                      CAMP ON   : OFF
                      ANS DELAY TIME   : 01 sec
                      RETRY CNT   : 3
                      TRANS TABLE   : 01
                      BUSY DESTINATION   : 500
                      NO ANSWER DESTINATION   : 500
                      NO ACT DESTINATION   : 500
                      INVALID DESTINATION   : 500

RELATED ITEMS: **MMC 732 AA TRANS TABLE**
                       MMC 734 AA MESSAGE MATCH

MMC 734:   AA Msg Match

DESCRIPTION:

Through this MMC individual messages or a group of messages recorded may be identified as indexed number from 01 through 48 on a per tenant basis. Each message can be grouped into one message, which is to be combined up to 5 individually pre-recorded ones in desired order within 64(01-64) messages. For instance, 05+07+13+16+64 = 01 (Identified number).

Please be noted that programmable messages per AA board, 01-48, should be recorded with exactly the same context if there are more than one AA boards installed in a tenant. Otherwise, prompt will be differently played if combined more than one unit messages.

ACTION	DISPLAY

1. Press TRSF 734
    LCD will in such a manner as right
    if AA card is exist in the system

    ```
    AA MESSAGE LINK (01)
    01
    ```

2. Dial the desired MSG number (01-48)
             OR
    Press UP or DOWN
    Press RIGHT soft key

    ```
    AA MESSAGE LINK (01)
    01
    ```

3. Dial MSG number (01-64)
    recorded in AA CARD up to 5 in a row
             OR
    Press UP or DOWN
    MMC will automatically insert "+" as a delimiter

    Press RIGHT soft key

    ```
    AA MESSAGE LINK (01)
    05+07+13+16+64
    ```

4. Press TRSF to store and exit
             OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **MSG INDEX NUMBER**

RELATED ITEMS: **NONE**

MMC 735:   AA Use Table

DESCRIPTION:

This MMC assigns AA PLAN TABLE to either an individual AA port or AA group. If it has been assigned to AA group pilot number, then it supersedes individual AA port assignment if the port is belongs to the group.

>   (AA PLAN NUMBER is ranged from 01 to 12)

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 735
    Display shows

    ```
    [3951] AA PLAN
    PLAN NO : 01
    ```

2. Dial either AA number
    OR AA group pilot number
    OR Press UP or DOWN.

    ```
    [3952] AA PLAN
    PLAN NO : 01
    ```

3. Dial AA PLAN number.
    (Press UP or DOWN)

    ```
    [3952] AA PLAN
    PLAN NO : 02
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC.

DEFAULT DATA: **PLAN 01**

RELATED ITEMS: **NONE**

MMC 736:   Assign AA MOH

DESCRIPTION:

MMC 736 allows the technician to program an AA MSG as an MOH source.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION			DISPLAY

1. Press TRSF 736
    Display shows

    ```
    [3951] SET AAMOH
    MOH MSG : NOT USE
    ```

2. Press RIGHT soft key to select MOH
    message

    ```
    [3951] SET AAMOH
    MOH MSG : NOT USE
    ```

3. Dial AA message no for MOH

    ```
    [3951] SET AAMOH
    MOH MSG : MSG 20
    ```

4. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC.

DEFAULT DATA: **NOT USE**

RELATED ITEMS: **NONE**

MMC 737: DECT System Codes

DESCRIPTION:

This MMC is used to control the codes of DECT option for the DCS 200, DCS 70 and DCS Compact. Two codes are required for the DECT feature:

- **SYSTEM ID**

Composed of 3-hexadecimal digits (range : 011 ~ FFF) to distinguish between SAMSUNG DCS DECT systems. The installer of SAMSUNG DECT system must program a unique SYSTEM ID value.

NOTE: The SYSTEM ID value must be greater than **011**.(SYSTEM ID range : 011 ~ FFF)

- **AC (Authentication) Code**

The Authentication code is used when registering a DECT handset. The system compares the Authentication Code entered against the programmed code if it is same the system will allow the handset to be registered. Otherwise the system rejects registration. The Authentication Code consists of 4-hexadecimal digits (0000 through 9999);the default value is FFFF.

After the registration of DECT handsets is completed using this MMC, the Codes (SYSTEM ID and AC) should not be changed to avoid modification of the Data Base for DECT registration information.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1.	Press TRSF 737 Display show	DECT SYSTEM CODE AUTH CODE:FFFF
2.	Press RIGHT soft key to move the cursor and enter the new AUTH CODE eg. 1234 Press the RIGHT soft key to store	DECT SYSTEM CODE AUTH CODE:1234
3.	Press UP or DOWN key to select SYSTEM ID and press RIGHT soft key to move cursor	DECT SYSTEM CODE SYSTEM ID:000
4.	Enter the new SYSTEM ID eg. 678 and press RIGHT soft key Press TRSF to store and exit OR Press SPK to store and advance to next MMC	DECT SYSTEM CODE SYSTEM ID:678 DECT SYSTEM CODE SYSTEM ID:678

DEFAULT DATA: **SYSTEM ID   000**
                      AUTH CODE   FFFF

RELATED ITEMS: **MMC 738 CLEAR REGISTRATION**
                      MMC 739 BSI DOWNLOAD
                      MMC 741 BSI RESTART
                      MMC 742 BSI STATUS
                      MMC 743 DBS STATUS
                      MMC 744 BSI REGISTRATION

MMC 738:   DECT Clear Registration

DESCRIPTION:

This MMC is used for deleting the saved information of registered DECT handsets

There are three modes to clear registered information:

- **FORCED** mode.

    When this mode is programmed, the DCS system clear the information of registration without reference to the handset.

- **MANUAL** mode.

    Whenever DCS system wants to clear the registration of DECT handset, DCS system receive confirmation from DECT handset. If the confirmation is SUCCESS, the system will clear the registration of the DECT handset (If the confirmation fails, the system can't clear the information).

- **ZAP** mode.

    Whenever DCS system wants to forbid the use of a specific DECT handset, DCS system must select this mode. (This method is different from FORCED mode)

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1.	Press TRSF 738 Display show	[7901] DECT CLEAR	MODE: FORCED
2.	Dial DECT handset number (eg., 7903)	[7903] DECT CLEAR	MODE: FORCED
3.	Press UP or DOWN key to select MODE and press RIGHT soft key to move cursor	[7903] DECT CLEAR	MODE: NORMAL
4.	Dial 1 for YES or 0 for NO OR Press UP or DOWN key to select YES/NO and press RIGHT soft key	[7903] DECT CLEAR	DECT CLEAR : NO
5.	Dial 1 for YES or 0 for NO OR Press UP or DOWN key to select YES/NO and press RIGHT soft key	[7903] DECT CLEAR	ARE YOU SURE? : NO
	Press TRSF to store and exit OR Press SPK to store and advance to next	[7903] DECT CLEAR	MODE: FORCED

MMC

DEFAULT DATA: MODE   FORCED

RELATED ITEMS: **MMC 737 DECT SYSTEM CODE**

  MMC 739 BSI DOWNLOAD

  MMC 741 BSI RESTART

  MMC 742 BSI STATUS

  MMC 743 DBS STATUS

  MMC 744 BSI REGISTRATION

MMC 739:   BSI Download

DESCRIPTION:

This MMC is used for download software from the BSI board to the DECT Base Station(DBS) individually. This will update the functions of the DECT feature previously saved in the DECT Base Station.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 739
   Display show

   ```
   BSI SLOT:3 DBS:1
   DOWNLOAD?   NO
   ```

2. Dial the Slot Number eg. 4
           OR
   Press UP or DOWN key to select
   press RIGHT soft key to move cursor

   ```
   BSI SLOT:4 DBS:1
   DOWNLOAD?   NO
   ```

3. Dial the BSI Number eg. 2
           OR
   Press UP or DOWN key to select and
   press RIGHT soft key to move cursor

   ```
   BSI SLOT:4 DBS:2
   DOWNLOAD?   NO
   ```

4. Dial 1 for YES or 0 for NO
           OR
   Press UP or DOWN key to select YES/NO
   press RIGHT soft key to move cursor

   ```
   BSI SLOT:4 DBS:2
   DOWNLOAD?   NO
   ```

5. Dial 1 for YES or 0 for NO
           OR
   Press UP or DOWN key to select YES/NO
   press RIGHT soft key to move cursor

   ```
   BSI SLOT:4 DBS:2
   ARE YOU SURE?   NO
   ```

6. Downloading in progress

   ```
   BSI SLOT:4 DBS:2
   DOWNLOADING
   ```

7. Downloading failure

   ```
   BSI SLOT:4 DBS:2
   DOWNLOAD FAIL
   ```

8. Press TRSF to store and exit
           OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC737, MMC 738, MMC 741 & MMC 742**

MMC 740:   Station Pair

DESCRIPTION:

   This MMC allows a station including a DECT station to be assigned as a SECONDARY to another Keyset on the system. This will allow all features to be set or cancelled from either set and both sets will ring when the Primary set receives a call.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 740
    Display show

    ```
    [201] PRIMARY
    SECONDARY: NONE
    ```

2. Dial Primary station number (eg., 205)
             OR
    Press UP or DOWN key to select and
    press RIGHT soft key to move cursor

    ```
    [205] PRIMARY
    SECONDARY: NONE
    ```

3. Dial Secondary station number (eg. 7903)

    ```
    [205] PRIMARY
    SECONDARY: 7903
    ```

4. Press TRSF to store and exit
             OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **NONE**

MMC 741:   BSI Card Restart

DESCRIPTION:

DESCRIPTION:

This MMC allows the Technician to re-start a BSI card.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 741
    Display shows

    ```
    BSI RESTART
    CARD RESTART  ? NO
    ```

2. Dial 1 to restart the BSI card OR use the UP
    and Down key to select followed by RIGHT
    soft key

    ```
    BSI RESTART
    ARE YOU SURE ?  NO
    ```

4. Dial 1 again and wait for 5 seconds

    ```
    BSI RESTART
    CARD RESTART  ? NO
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 737 DECTSYSTEM CODE**
                                    MMC 738 CLEAR REGISTRATION
                                    MMC 739 BSI DOWNLOAD
                                    MMC 742 BSI STATUS
                                    MMC 743 DBS STATUS
                                    MMC 744 BSI REGISTRATION
                                    MMC 745 CARRIER ALLOCATION

MMC 742:   BSI Status

DESCRIPTION:

This MMC allows the Technician to check the status of the BSI card.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 742
    Display shows

    ```
    BSI STATUS
    M:SUCC S:FAIL
    ```

2. If status of the Master BSI is OK and Slave
    is not connected

    ```
    BSI STATUS
    M:SUCC S:FAIL
    ```

3. If status of the Master BSI is faulty and Slave
    is OK

    ```
    BSI STATUS
    M:FAIL S:SUCC
    ```

4. Press TRSF to store and exit
          OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE

RELATED ITEMS: **MMC 737 DECTSYSTEM CODE**
                        MMC 738 CLEAR REGISTRATION
                        MMC 739 BSI DOWNLOAD
                        MMC 743 DBS STATUS
                        MMC 744 BSI REGISTRATION
                        MMC 745 CARRIER ALLOCATION

MMC 743:   DBS Status

DESCRIPTION:

This MMC allows the Technician to check the status of the connected DECT Base Stations (DBS).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   **DISPLAY**

1. Press TRSF 743
    Display shows

    ```
    DBS : 12345678
          11101100
    ```

2. If status of each DBS (1-8) is shown
    • 1 = status OK
    • 0 = status not working

    ```
    DBS : 12345678
          11101100
    ```

3. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 737 DECTSYSTEM CODE**
                         MMC 738 CLEAR REGISTRATION
                         MMC 739 BSI DOWNLOAD
                         MMC 742 BSI STATUS
                         MMC 744 BSI REGISTRATION
                         MMC 745 CARRIER ALLOCATION

MMC 744:   BSI Registration

DESCRIPTION:

This MMC allows the Technician to enable/disable registration of DECT handsets on the DCS200, DCS 70 and DCS Compact.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION   DISPLAY

1. Press TRSF 744
    Display shows

    ```
    ENABLE DECT REG.
    PASSCODE:
    ```

2. Enter Passcode (Default: 1234)

    ```
    ENABLE DECT REG.
    DISABLE
    ```

3. Dial 1 to ENABLE OR use the UP
    and Down key to select followed by RIGHT
    soft key

    ```
    ENABLE DECT REG.
    ENABLE
    ```

    If the PASSCODE is incorrect

    ```
    ENABLE DECT REG.
    PASSCODE ERROR
    ```

    If the SYSTEM ID has not been change from
    its default setting

    ```
    ENABLE DECT REG.
    NO REG. SYSTEM ID
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **MMC 737 DECTSYSTEM CODE**
                        MMC 738 CLEAR REGISTRATION
                        MMC 739 BSI DOWNLOAD
                        MMC 742 BSI STATUS
                        MMC 743 DBS STATUS
                        MMC 745 CARRIER ALLOCATION

MMC 745:   DECT Carrier Allocation

DESCRIPTION:

This MMC is used when the ACA allocate less than the available 10 carriers for a particular site. There are 10 carriers (0-9) and each can be selected by dialling "1" under the appropriate carrier or "0" to prohibit use.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry

ACTION		DISPLAY
1.	Press TRSF 745 Display shows	BSI RESTART CARD RESTART ? NO
2.	Dial 0 under for each carrier that has not been allocated.	BSI RESTART ARE YOU SURE ? NO
4.	Dial 1 again and wait for 5 seconds	BSI RESTART CARD RESTART ? NO
5.	Press TRSF to store and exit OR Press SPK to store and advance to next MMC	

DEFAULT DATA: **ALL CARRIERS AVAILABLE**

RELATED ITEMS: **MMC 737 DECTSYSTEM CODE**
                         MMC 738 CLEAR REGISTRATION
                         MMC 739 BSI DOWNLOAD
                         MMC 742 BSI STATUS
                         MMC 743 DBS STATUS
                         MMC 744 BSI REGISTRATION

MMC: 750   VM Card Restart Error!

Reference source not found.Error! Reference source not found.

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Voice Mail Card.

When CADENCE starts or restarts it downloads information about the DCS in which it is installed. This information is used by CADENCE to build a mailbox database. This is a quick way to initially configure a system, but is usually not necessary on subsequent restarts. This MMC can be used to turn on or off this database download and optionally restart the CADENCE card.

DOWNLOAD

NO   The database information will not be downloaded from DCS.

YES   The database information will be downloaded from DCS.

After CADENCE has been initially configured, it is advisable to set this to NO to minimize boot up time.

CARD RESTART

NO   The CADENCE card will not restart

YES   The CADENCE card will restart according to the DOWNLOAD option.

This option can be used at any time to reset the CADENCE card.

PROGRAM KEYS
UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 750
   Display shows

   ```
   VM CARD RESTART
   DOWNLOAD? YES
   ```

2. Dial 0 for NO or 1 for YES.

   ```
   VM CARD RESTART
   DOWNLOAD? NO
   ```

3. Display shows

   ```
   VM CARD RESTART
   CARD RESTART? NO
   ```

4. Dial 0 for NO or 1 for YES.

   ```
   VM CARD RESTART
   CARD RESTART? NO
   ```

5. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to next MMC

DEFAULT DATA: **DOWNLOAD = YES RELATED ITEMS:**   **None**

MMC: 751   Assign Mailbox

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards. It assigns each station or group as having a mailbox (yes or no). When stations or groups are flagged as YES, during Voice Mail card power up mailboxes will be created for each directory number with a "YES" entry. Once the Voice Mail database has been created new boxes can be added:

   a) Through Voice Mail administration,

   b) By adding a new mailbox in this system and cycling system power.

If a mailbox is to be removed it must be done through Voice Mail administration.

If a station does not have an associated voice mailbox, the call will be answered by the "no mailbox" message.

NOTE: For Cadence, the groups that are supported are 500 to 528 (529 being the Voice Mail group). For Cadence Lite, the groups that are supported are 500 to 518 (519 being the Voice Mail group). Mailboxes that are needed for people that do not have an extension must be added through Voice Mail programming.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION	DISPLAY
1. Press TRSF 751 Display shows	ASSIGN MAIL BOX NONE: YES
2. Dial station number OR Press UP or DOWN to scroll the number.	ASSIGN MAIL BOX 225 : YES
3. Press RIGHT soft key to move cursor	ASSIGN MAIL BOX 225 : YES
4. Change status using UP and DOWN OR Dial 0 for NO or 1 for YES.	ASSIGN MAIL BOX 225 : NO
5. Press TRSF button to store and exit OR Press SPK button to store and advance to next MMC	

DEFAULT DATA: All stations = YES
**   All groups = NO**
RELATED ITEMS: None

MMC: 752   Cadence Auto Record

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

Specific keysets in the phone system can be assigned to automatically record conversations. When this option is set, all incoming, all outgoing, or all calls (incoming or outgoing) can be recorded.

When this option is selected a specific port can be assigned for each station set to automatic conversation recording or the effectiveness of this feature cannot be guaranteed.

In this MMC you can assign:

    1. Which keysets use this feature. – Station number

    2. What mailbox the conversation are recorded in. – Mailbox number

    3. What type of conversations are recorded, in, out or both. – I, O or B

    4. What port is dedicated to the station. – Voice mail port number

A maximum of 8 stations can access this feature in the DCS.

The same port cannot be assigned to more than one station. Attempts to do this will result in an error message.

When a Voice Mail port is assigned using MMC 752, it is automatically removed from the Voice Mail group (529 for Cadence; 519 for Cadence Lite) defined in MMC 601.

WARNING: Before using this feature make sure that you are not violating any state or federal laws. Some states require that the recorded party be notified. SAMSUNG is not responsible for any illegal use of this feature.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION

1. Press TRSF 752
   Display shows

2. Dial station number
   OR
   Press UP or DOWN to scroll the number.
   Press RIGHT soft key to move cursor

DISPLAY

```
AUTO RECORD
STN:NONE MB:NONE
```

```
AUTO RECORD
STN:201  MB:NONE
```

3. Enter mailbox number using number keys.(e.g.,201).
    Press right SOFT key to move cursor.

AUTO RECORD
STN:201 MB:201

4. Enter VM port number using keypad or UP or DOWN.
    Press right SOFT key to move cursor.

AUTO RECORD
PORT:NONE CALL:I

5. Enter call type, I, O or B.

AUTO RECORD
PORT:209 CALL:B

6. Press TRSF button to store and exit
    OR
    Press SPK button to store and advance to next MMC

DEFAULT DATA: None

RELATED ITEMS: None

MMC: 753   Cadence Warning Destination

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

This MMC provides an emergency destination for calls destined for the Voice Mail card, if the Voice Mail card is removed or is offline.

In addition any calls that are forwarded to the Voice Mail card will not forward, they will remain ringing at the "fwd from" station until answered.

This destination can be a station number or a group number.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION

DISPLAY

1. Press TRSF 753
    Display shows

    ```
    WARNING DEST.
    DEST:500
    ```

2. Dial station number or group number
    OR
    Press UP or DOWN to scroll the number.

    ```
    WARNING DEST.
    DEST:501
    ```

3. Press TRSF button to store and exit
    OR
    Press SPK button to store and advance to next MMC

DEFAULT DATA: DEST = 500

RELATED ITEMS: None

MMC: 754   VM Halt

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

This MMC is used to halt the Voice Mail card (take it offline). This is done prior to removing the card from the system to ensure that there is no traffic on the card prior to switching off the DCS system and removing the Cadence card.

NOTE: THIS OPERATION SHOULD BE DONE BEFORE REMOVING THE VOICE MAIL CARD FROM THE DCS SYSTEM.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 754
    Display shows

    ```
    VM HALT
    STATUS:PROC
    ```

2. Enter 1 to halt or 0 to process
    OR
    Press UP or DOWN to scroll the selections.

    ```
    VM HALT
    STATUS:PROC
    ```

3. When you select 1 to halt, display shows:
    Press 1 to confirm.

    ```
    VM HALT
    ARE YOU SURE?YES
    ```

4. Display shows:

    ```
    VM HALT
    STATUS:HALT
    ```

5. Press TRSF button to store and exit
    OR
    Press SPK button to store and advance to next MMC

DEFAULT DATA: PROC

RELATED ITEMS: None

MMC: 755   VM Alarm

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

This MMC will generate an alarm message in the mailbox defined in MMC 751 whenever the Voice Mail disk drive reaches a specified threshold.

The threshold is measured in % full. This means that if the MMC is set for 80, the alarm will be generated when the disk exceeds 80% of the available drive space.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC

ACTION   DISPLAY

1. Press TRSF 755
   Display shows

   ```
   VM ALARM
   THRESHOLD:80
   ```

2. Enter new threshold level.

   ```
   VM ALARM
   THRESHOLD:75
   ```

3. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to next MMC

DEFAULT DATA: 80%

RELATED ITEMS: None

MMC: 756   Assign Cadence MOH

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

This MMC is used to assign each a Music on Hold source for the DCS from a sound file located on the CADENCE hard disk drive. The 100 available sound files are defined as numbers 5000 to 5099.

Basically CADENCE card supports various music for numbers 5000 to 5099. If you want to use default CADENCE support music, select the number. Otherwise, make sure you record the sound file first. The next step is to assign the sound file to a CADENCE port. For example, if you record sound file 5025 you would associate 25 with a specific CADENCE port, e.g. 225. This will dedicate the port for use only as MOH and remove it from group 529 (for Cadence) or 519 (for Cadence Lite) . Now 225 will show up as a valid music source in MMC 308, 309 and 408.

Each Music on Hold source assigned here requires one CADENCE port.

NOTE: If the first CADENCE port is used for VMMOH, it must be disabled before boot up since CADENCE /CADENCE LITE and the DCS use port 1 during boot up to exchange critical information. For this reason we suggest you use the last port as VMMOH ports.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

ACTION   **DISPLAY**

1. Press TRSF 756
   Display shows

   ```
   SET VMMOH
   209: NOT USE
   ```

2. Press UP or DOWN to select CADENCE port.

   ```
   SET VMMOH
   215: NOT USE
   ```

3. Move cursor to next field. Press UP or DOWN to select sound file.

   ```
   SET VMMOH
   215: 25
   ```

4. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to next MMC

DEFAULT DATA: NOT USED

RELATED ITEMS: None

MMC: 757   VM In/Out

DESCRIPTION:

This MMC is only used for the Cadence and Cadence Lite Plug in Voice Mail Cards.

This MMC is used to assign each Voice Mail Port as used for incoming, outgoing or both way calls. Note that this MMC must support outgoing calls if off premises notification (beeper, outbound follow me or outbound notification) is used.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPK	Used to store data and advance to next MMC

ACTION

DISPLAY

1. Press TRSF 757
    Display shows

    ```
    VM IN/OUT
    209: IN/OUT
    ```

2. Enter the CADENCE port number.
    OR
    Press UP or DOWN to select CADENCE port.

    ```
    VM IN/OUT
    215: IN/OUT
    ```

3. Enter the selections.
    OR
    Press UP or DOWN to scroll options.

    ```
    VM IN/OUT
    215: MOH
    ```

4. Press TRSF button to store and exit
    OR
    Press SPK button to store and advance to next MMC

DEFAULT DATA: **IN/OUT**

RELATED ITEMS: None

MMC 800:   Enable Technician Program

DESCRIPTION:

Used to open and close technician level programming. If programming is not opened and an attempt is made to access a system MMC, the error message "ACCESS DENIED" will be displayed.

A four digit passcode is required to access this MMC. Each character can be digits 0-9 or *. When opened, this MMC enables access to all MMCs.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 800
   Display shows

   ```
   ENABLE TECH. PROG
   PASSCODE :
   ```

2. Enter passcode

   ```
   ENABLE TECH. PROG
   PASSCODE : 4321
   ```

   Correct code shows

   ```
   ENABLE TECH. PROG
   DISABLE TENANT : 1
   ```

   Incorrect code shows

   ```
   ENABLE TECH. PROG
   PASSCODE   ERROR
   ```

3. Press UP or DOWN to open or close
            OR
   Enter 1 to enable or enter 0 to disable,
   press RIGHT soft key to move to
   tenant number and enter
   tenant number (1-2)

   ```
   ENABLE TECH. PROG
   ENABLE TENANT : 1
   ```

   ```
   ENABLE TECH. PROG
   ENABLE TENANT : 1
   ```

4. Press SPK to advance to MMC entry level

   ```
   801 : TEC. PASSCODE
   SELECT PROG. ID
   ```

5. Enter the MMC desired (eg., 209)

   ```
   209 : AOM MASTER
   AOM NOT EXIST
   ```

6. To log out and return to MMC 800 ,
   press UP or DOWN key to select
   DISABLE TENANT :1
            OR
   Press SPK then TRSF to return to normal
   display
   Programming option will time out

DEFAULT DATA: NONE

RELATED ITEMS: NONE

MMC 801:   Change Technician Passcode

DESCRIPTION:

Used to change the passcode allowing access to MMC 800 Enable Technician Program from its current value.

NOTE: The passcode is four characters long. Each character can be digits 0-9 or *. The current or "old" passcode is required for this MMC.

PROGRAM KEYS

KEYPAD	Used to enter passcodes
SPK	Save data and advance to next MMC

ACTION   **DISPLAY**

1. Press TRSF 801

```
TECH. PASSCODE
NEW CODE : _
```

2. Enter new passcode

```
TECH. PASSCODE
NEW CODE : ∗ ∗ ∗ ∗
```

3. Enter new passcode again

```
TECH. PASSCODE
VERIFY      : ∗ ∗ ∗ ∗
```

4. If passcode is correct, press RIGHT soft key
    to continue and enter desired MMC

```
TECH. PASSCODE
VERIFY      : SUCCESS
```

5. If passcode is incorrect

```
TECH. PASSCODE
VERIFY      : FAILURE
```

6. System returns to step 2

```
TECH. PASSCODE
NEW CODE : ∗ ∗ ∗ ∗
```

7. Press TRSF to store and exit
          OR
    Press SPK to advance to MMC

DEFAULT DATA: **DEFAULT PASSCODE = 4321**

RELATED ITEMS: **MMC 800 ENABLE TECHNICIAN PROGRAM**

MMC 802:   Customer Access MMC Number

DESCRIPTION:

Allows the customer to have access to certain MMCs. For example, it is advised that the customer have access to MMC 102 Call Forward for call forwarding but it is not advised that the customer has access to MMC 710 LCR Digit Table for LCR dial plans. This MMC is for both tenants.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION		DISPLAY

1. Press TRSF 802
   Display shows

   ```
   CUSTOMER ACCESS : 1
   100 : STN LOCK : YES
   ```

2. Enter desired tenant number (1-2) via
   dial keypad
         OR
   Press UP or DOWN key to make selection
   and Press RIGHT soft key to move cursor

   ```
   MMC TENANT : 1
   100 : STN LOCK : YES
   ```

3. Enter desired MMC number via dial keypad
         OR
   Press UP or DOWN key to make selection
   and press RIGHT soft key to move cursor

   ```
   MMC TENANT : 1
   102 : CALL FWD : YES
   ```

4. Enter 1 for YES or 0 for NO via dial keypad
         OR
   Press UP or DOWN key to make selection
   and press LEFT soft key to return
   to step 3 to make additional entries

   ```
   MMC TENANT : 1
   102 : CALL FWD : NO
   ```

5. Press TRSF to store and exit
         OR
   Press SPK to store and advance to next
   MMC

DEFAULT DATA: **Refer to the Table on the next page**

RELATED ITEMS: **NONE**

MMC 802   CUSTOMER ACCESS MMC NUMBER

MMC	DEFAULT		MMC	DEFAULT	
100	YES		404		
101	YES		408	YES	
102	YES		405	YES	Note 2
103	YES		409	YES	Note 2
104	YES		410	YES	
105	YES		414	YES	
106	YES		415	YES	
107	YES		421	YES	Note 2
108	YES		425	YES	Note 2
109	YES		500	YES	Note 2
110	YES		502		
111	YES		505		
112	YES		507		
113	YES		508		
114	YES		512		*
115	YES		600	YES	Note 2
116	YES		601	YES	Note 2
118	YES	Note 1	602		
119	YES	Note 2	604	YES	Note 2
121	YES	Note 2	606	YES	Note 2
200			607	YES	Note 2
201			705		
202			706		
209	YES	Note 2	707		
211	YES	Note 2	708		
212	YES	Note 2 *	714	YES	Note 2
213	YES	Note 2 *	715		
214	YES	Note 2	720		
216		*	721		
300	YES	Note 2	722		
301	YES	Note 2	725	YES	Note 2
302	YES	Note 2	727	YES	Note 2
303	YES	Note 2	728	YES	Note 2
304	YES	Note 2			
305	YES	Note 2			
306	YES	Note 2			
308	YES				
309	YES	Note 2			
312	YES	Note 2			
315	YES	Note 2			
317	YES	Note 2			

Notes:
1. Not available on Version 6.0 software
2. Available with Version 6 software (including DCS 24)
*   this MMC not available on DCS 24

MMC 804:   System I/O Parameter

DESCRIPTION:

Provides a means of setting parameters for the system serial ports to work with one of the following:
- PCMMC
- SMDR reporting
- UCD statistics report/periodic UCD information.
- CTI for use with Windows NT applications
- SMDI for Voice mail integration

Programming can be accomplished easily with the tables below to customise any serial port.

PARAMETER OPTIONS

Dial 0	Service	Type of Service
Dial 1	Baud Rate	Speed
Dial 2	Char Length	Character Length
Dial 3	Parity	Parity Bit
Dial 4	Retry Count	Number of Retries
Dial 5	Stop Bit	Stop Bit
Dial 6	Wait Time	Message Wait Time
Dial 7	SIM Pair	Station Number Connected to SIM

SERVICE TYPE

Dial 0	PCMMC	PCMMC
Dial 1	SMDR	SMDR
Dial 2	UCD REPT	UCD Report on request by the Supervisor or daily
Dial 3	UCD/ SMDR	Both SMDR and UCD Report will be generated
Dial 4	CTI	CTI data
Dial 5	CTI/SMDR	CTI and SMDR data
Dial 6	CTI/UCD	CTI and UCD reports and periodic data
Dial 7	CTI/S/U	CTI and SMDR and UCD reports and periodic data
Dial 8	VM TRACE	Cadence Message Trace
Dial 9	Not used	

NOTE: Service Types 4 to 9 are not applicable to DCS 24.

SPEED

Dial 0	1200 bps	
Dial 1	2400 bps	
Dial 2	4800 bps	
Dial 3	9600 bps	
Dial 4	19200 bps	19200bps is not available on DCS 70 or DCS 24

CHARACTER LENGTH

Dial 7	7 bits
Dial 8	8 bits

PARITY

Dial 0	None
Dial 1	Odd

Dial 2   Even

STOP BIT

Dial 1   1 bit
Dial 2   2 bit

PROGRAM KEYS

  UP & DOWN   Used to scroll through options
  KEYPAD   Used to enter selections
  SOFT KEYS   Move cursor left and right
  SPK   Used to store data and advance to next MMC
  HOLD   Used to clear entry (when valid)

ACTION	**DISPLAY**

1. Press TRSF 804
  Display shows

> SYS I/OPORT : 1
> SERVICE : PC - MMC

2. Enter in desired port via dial
  key pad (eg., 2)
     OR
  Press UP or DOWN key to make selection
  and press RIGHT soft key to move cursor

> SYS I/OPORT : 2
> SERVICE : SMDR

3. Enter parameter desired via dial key pad
  (eg., 7) from the above option list
     OR
  Press UP or DOWN key to make selection
  and press RIGHT soft key to move cursor

> SYS I/OPORT : 2
> SIM PAIR : NONE

4. Enter in station number of desired SIM
  via dial keypad (eg., 2902)
     OR
  Press UP or DOWN key to display SIM(s)
  and press RIGHT soft key to return to step 2

> SYS I/OPORT : 2
> SIM PAIR : 2902

5. Press TRSF to store and exit
     OR
  Press SPK to store and advance to next
MMC

DEFAULT DATA

:   **SERVICE** **PORT 1** **PCMMC**
            PORT 2 **SMDR**
     BAUD RATE **9600 BPS**
     CHAR LENGTH **8 BITS**
     PARITY   **NONE**
     RETRY COUNT **03**
     STOP BIT   **1 BIT**
     WAIT TIME **PORT 1** **3000 msec**
     WAIT TIME **PORT 2** **300 sec**

RELATED ITEMS: **PCMMC SECTION**
       MMC 725 SMDR

MMC 805:   TX Level

DESCRIPTION:

Allows the system administrator to set the base level of TX volume. There are eight (8) levels those are able to be controlled by the VOL UP and DOWN key on keyset. And maximum controllable levels in the system are eleven (11) maximum. Before this MMC, users can vary just eight levels. So it gives the most flexibility to the system administrator so he can classify any desired eight (8) levels within eleven (11).

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 805
    Display shows

    ```
    MIC/HANDSET TX
    LEVEL 1        : 01
    ```

2. Press RIGHT soft key to go to the
    volume data
            OR
    Use UP or DOWN key to go to the next
    volume level

    ```
    MIC/HANDSET TX
    LEVEL 2        : 01
    ```

3. Press RIGHT soft key to go to the
    volume data

    ```
    MIC/HANDSET TX
    LEVEL 2        : 01
    ```

4. Enter desired volume data via dial pad
    OR
    Use UP or DOWN key to scroll data (000-10)

    ```
    MIC/HANDSET TX
    LEVEL 2        : 02
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
MMC

    ```
    MIC/HANDSET TX
    LEVEL 2        : 02
    ```

DEFAULT DATA: **01**

RELATED ITEMS: **NONE**

NOTE: **SEE MMC 805 for DCS70, V6 and DCS24**

MMC 805:   TX Level and TSW Gain

DESCRIPTION:

This MMC applies to the DCS 24, DX408, DCS 70 and Version 6.X DCS software.

TX LEVEL:
There are eight (8) volume levels which can be controlled by the VOL UP and DOWN key on the keyset.
However, there are 11 possible levels in the system. With this MMC, users can select the desired eight
levels selected with the use of the volume key.
TSW GAIN CONTROL:
Allows the system administrator to set the level of TSW gain control for sixteen time-switch connect
types.

**WARNING: The db levels should be left at default setting. Changing some of these
setting may breach ACA requirements. Please contact LSP Tech Support before
making any changes.**

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 805
   Display shows

   ```
   TX LEVEL CONTROL
   LEVEL 0 → 1
   ```

2. Press UP or DOWN key to select TX LEVEL
   CONTROL TX GAIN CONTROL
   Press RIGHT soft key to go to the volume level or TSW
   option

   ```
   TX LEVEL CONTROL
   LEVEL 0 → 1
   ```

3a. Press RIGHT soft key to go to the volume level
    OR
    Press UP or DOWN key to go to next volume level

   ```
   TX LEVEL CONTROL
   LEVEL 1 → 2
   ```

3b. Press RIGHT soft key to go to the TSW type
    OR
    Press UP or DOWN key to go to next TSW type

   ```
   TSW GAIN CONTROL
   SLT → ATRK:0dB
   ```

4a. Enter desired volume data via dial keypad
    OR
    Use UP or DOWN key to scroll data (00-10)

   ```
   TX LEVEL CONTROL
   LEVEL 1 → 3
   ```

4b. Press UP or DOWN key to select TSW gain data and
    press RIGHT soft key to go to 3b

   ```
   TSW GAIN CONTROL
   SLT → ATRK:+2dB
   ```

5.   Press TRSF to store and exit
     OR
     Press SPK to store and advance to next MMC

DEFAULT DATA:

TX Level: **0 →1, 1 →2, 2 →3, 3 →4, 4 →5, 5 →6, 6 →7, 7 →8**
TSW Gain: **SLT→SLT   -1.2**
                 SLT→ATRK   +0.0
                 SLT→DTRK   -2.5
                 ATRK→SLT   +0.0
                 ATRK→ATRK   +1.0
                 ATRK→DTRK   -6.0
                 DTRK→SLT   +2.8
                 DTRK→ATRK   +0.0
                 DTRK→DTRK   +0.0
                 DECT→DECT   +0.0
                 DECT→SLT   +0.0
                 DECT→ATRK   +0.0
                 DECT→DTRK   +1.9
                 SLT→DECT   +0.0
                 DTRK→DECT   +1.9
                 ATRK→DECT   +0.0

MMC 806:   Card Pre-Install

DESCRIPTION:

Allows the pre-programming of a slot for a specific card. For example, after the system is installed and a new Trunk B card is added, running this program will cause the system to accept the card for what it is and not for what it is not.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION   **DISPLAY**

1.   Press TRSF 806

    Display shows

```
CARD PRE - INSTALL
CABNET : 1      SLOT :1
```

2.   Enter in cabinet number (eg., 3)

    OR

    Press UP or DOWN key to make selection
    and press RIGHT soft key to move cursor

```
CARD PRE - INSTALL
CABNET : 3      SLOT :1
```

3.   Enter in slot number (eg., 5)

    OR

    Press UP or DOWN key to make selection
    and press RIGHT soft key to return to step 2

```
CARD PRE - INSTALL
CABNET : 3      SLOT :5
```

4.   Press TRSF to store and exit

    OR

    Press SPK to store and advance to next
    MMC

DEFAULT DATA: NONE

RELATED ITEMS: NONE

MMC 807:   Volume Control

DESCRIPTION:

Allows the system administrator to set the level of keyset volume.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
HOLD	Used to clear previous entry
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 807
    Display shows

    ```
    VOL. CONTROL : DGP
    HANDSET VOL : 3
    ```

2. Press RIGHT soft key to select DGP
    volume control.

    ```
    VOL. CONTROL : DGP
    HANDSET VOL : 3
    ```

3. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    SPEAKER VOL : 13
    ```

4. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    KEY TONE VOL : 1
    ```

5. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    SIDE TONE VOL : 1
    ```

6. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    HANDSET  TX : 3
    ```

7. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    MIC TX LEVEL : 3
    ```

8. Press RIGHT soft key to change the
    volume level
            OR
    Use UP or DOWN key to scroll next volume

    ```
    VOL. CONTROL : DGP
    NOISE GUARD : 8
    ```

9. Press RIGHT soft key to change the
    volume level
              OR
    Use UP or DOWN key to scroll next volume

```
VOL. CONTROL : DGP
NOISE THRES : 1
```

10. Press RIGHT soft key to change the
    volume level
              OR
    Use UP or DOWN key to scroll next volume

```
VOL. CONTROL : DGP
ALC THRES : 1
```

11. Press RIGHT soft key to change the
    volume level
              OR
    Use UP or DOWN key to scroll next volume

```
VOL. CONTROL : DGP
TX/RX THRES : 1
```

12. Press RIGHT soft key to change the
    volume level
              OR
    Use UP or DOWN key to scroll next volume

```
VOL. CONTROL : DGP
TX/RX COMP : 5
```

13. Press TRSF to store and exit
              OR
    Press SPK to store and advance to next
MMC

DEFAULT DATA:

HANDSET VOL	**:3**
SPEAKER VOL	**:3**
KEY TONE VOL	**:1**
SIDETONE VOL	**:1**
HANDSET TX	**:3**
MIC TX LEVEL	**:3**
NOISE GUARD	**:8**
NOISE THRES.	**:1**
ALC THRES.	**:1**
TX/RX THRES.	**:3**
TX/RX COMP.	**:5**

RELATED ITEMS: **NONE**

NOTE: **This MMC does not include Handset volume and speaker volume for the
                   DCS24, DX408 and DCS200/70 with Version 6.X software. Refer MMC 114.**

MMC 809:   System MMC Language

DESCRIPTION:

This MMC applies to the DCS 24, DCS 70 and Version 6.X DCS software.

Allows system programmer to assign an LCD display based on system programming language.

0	ENGLISH
1	GERMAN
2	PORTUGAL

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC

ACTION	DISPLAY

1. Press TRSF 809
    Display shows

    ┌─────────────────────┐
    │ SYS.MMC LANGUAGE   │
    │ ENGLISH   │
    └─────────────────────┘

2. Enter 0 for ENGLISH or 1 for GERMAN.
    OR
    Press UP or DOWN to make selection and press RIGHT soft
    key

    ┌─────────────────────┐
    │ SYS.MMC LANGUAGE   │
    │ GERMAN   │
    └─────────────────────┘

3. Press TRSF to store and exit
    OR
    Press SPK to store and advance to next MMC

DEFAULT DATA: **ENGLISH**
RELATED ITEMS: **NONE**

MMC 810:   Halt Processing

DESCRIPTION:

Used only in the event that all data processing is needed to be stopped either in a single cabinet or the entire system.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right
SPK	Used to store data and advance to next MMC
ANS/RLS	Used to select ALL

ACTION   **DISPLAY**

1. Press TRSF 810
    Display shows

    ```
    HALT/PROCESSING
    C: ALL  S : ALL → PROC
    ```

2a. Enter in cabinet selection via dial keypad
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to advance cursor

    ```
    HALT/PROCESSING
    C: 3     S : ALL → PROC
    ```

2b. Press ANS/RLS to select all cabinets and all slots

    ```
    HALT/PROCESSING
    C: ALL  S : ALL → PROC
    ```

3. Enter in slot number via dial keypad
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to advance cursor

    ```
    HALT/PROCESSING
    C: 3     S : 5 → PROC
    ```

4. Enter in 1 for HALT or 0 to PROC
            OR
    Press UP or DOWN key to make selection
    and press RIGHT soft key to enter data and
    return to step 2

    ```
    HALT/PROCESSING
    C: 3     S : 5 → HALT
    ```

5. Press TRSF to store and exit
            OR
    Press SPK to store and advance to next
    MMC

DEFAULT DATA: **NONE**

RELATED ITEMS: **NONE**

MMC 811:   Reset System

DESCRIPTION:

Provides two methods of restarting the system. The first method restarts the system and clear all memory. The second method restarts the system only. If clear all memory is selected, only the default data will return. Extreme care should be taken when using this MMC.

If the system is restarted, all voice/data connections are dropped.

If memory is cleared, all customer data is deleted and system returns to defaulted status.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right

ACTION   **DISPLAY**

1. Press TRSF 811
    Display shows

    ```
    SYSTEM RESTART
    RESET SYSTEM? NO
    ```

2. Press UP or DOWN key to make selection
    (RESET SYSTEM or CLEAR MEMORY)
    After selection is made, press RIGHT soft
    key to move cursor to YES/NO option

    ```
    SYSTEM RESTART
    CLEAR  MEMORY? NO
    ```

3. Press UP or DOWN key to make selection
    and press RIGHT soft key

    ```
    SYSTEM RESTART
    CLEAR  MEMORY? YES
    ```

4. Press UP or DOWN key to make selection
    and press RIGHT soft key
    This will erase all data in the system

    ```
    SYSTEM RESTART
    ARE YOU SURE? YES
    ```

5. System will return with default time and date
    and default extension number
                OR
    If system just restarted, it will return to
    normal programmed status

DEFAULT DATA: NONE

MMC 812:   Country Code

DESCRIPTION:

This MMC applies to the DCS 24, DX408, DCS 70 and Version 6.X DCS software.

This MMC must be set by the installer before any other programming is carried out.

Allows the system installer to select system software country version. A RANGE OF COUNTRIES ARE AVAILABLE. After using this MMC, the installer must restart the system to make the selection effective.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right

	ACTION	DISPLAY
1.	Press TRSF 812 Display shows	SET COUNTRY CODE UK
2.	Press UP or DOWN key to make selection and press RIGHT soft key	SET COUNTRY CODE AUSTRALIA
3.	Press UP or DOWN key to select Yes or No and press RIGHT soft key	WARNING! RESTART ARE YOU SURE?<u>YES</u>

Warning: if you select Yes, this will restart the system

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

DEFAULT DATA: NONE
RELATED ITEMS : NONE

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