

## 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.

iDCS 16 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  
1 = ALL CALL  
2 = BUSY

3 = NO ANSWER  
4 = BUSY/NO ANSWER  
5 = DND  
6 = EXT

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRANSFER 102  
Display shows
2. Dial station number (e.g., 205)  
OR  
Press UP or DOWN to select station and  
press RIGHT soft key to move cursor
3. Dial 0–5 to select forward type  
OR  
Press UP or DOWN to select forward type  
and press RIGHT soft key to move cursor

### DISPLAY

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

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

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

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4. Dial destination number (e.g., 201)  
OR  
Press UP or DOWN to select destination  
and 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 TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

**DEFAULT DATA: NONE**

**RELATED ITEMS:** [MMC 301 ASSIGN STATION COS](#)  
[MMC 501 SYSTEM TIMERS](#)  
[MMC 701 ASSIGN COS CONTENTS](#)  
[MMC 722 STATION KEY PROGRAMMING](#)  
[MMC 723 SYSTEM KEY PROGRAMMING](#)

## MMC: 110

## STATION ON/OFF

### DESCRIPTION:

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

- |   |               |   |
|---|---------------|---|
| 0 | AUTO HOLD     | Automatically places an existing C.O. 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 C.O. 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 keyset.  |
| 5 | PAGE REJOIN   | Allows the user to hear the latter part of page announcements if 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 | NOT CONT. CID | If enabled, Caller Id info is not shown in the station display for the duration of the call.                                      |
| 8 | AME PSWD      | If enabled, station users who have AME, must enter their station password to hear messages being left.                            |

## MMC: 110

### 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
REDIAL	Used to select ALL

### ACTION

### DISPLAY

- |   |                                     |
|---|-------------------------------------|
| 1. Press TRANSFER 110<br>Display shows  | [201] STN ON/OFF<br>AUTO HOLD :OFF  |
| 2. Dial keyset number (e.g., 205)<br>OR<br>Press UP or DOWN to select keyset and<br>press RIGHT soft key to move cursor<br>OR<br>Press REDIAL for ALL | [205] STN ON/OFF<br>AUTO HOLD :OFF  |
| 3. Dial option number from above list<br>(0–7, e.g. 3)<br>OR<br>Press UP or DOWN to select option and<br>press RIGHT soft key to move cursor          | [ALL] STN ON/OFF<br>AUTO HOLD :?    |
| 4. Dial 1 for ON or 0 for OFF<br>OR<br>Press UP or DOWN to select ON or OFF and<br>press LEFT or RIGHT soft key to return to<br>step 3                | [205] STN ON/OFF<br>HOT KEYPAD :ON  |
| 5. Press TRANSFER to store and exit<br>OR<br>Press SPEAKER to store and advance to<br>next MMC  | [205] STN ON/OFF<br>HOT KEYPAD :OFF |

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**DEFAULT DATA:**

AUTO HOLD	OFF
AUTO TIMER	ON
HEADSET USE	OFF
HOT KEYPAD	ON
KEY TONE	ON
PAGE REJOIN	ON
RING PREFERENCE	ON
NOT CONTINUOUS CID	ON
AME PASSWORD	OFF

**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 receive digits designated in MMC 726 VM/AA Options and also receive a true disconnect signal upon completion of a call. Only SLI ports, support disconnect signal. Do not make VMAA ports data; this will return them 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.

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRANSFER 207  
Display shows
2. Dial station number (e.g., 215)  
OR  
Press UP or DOWN to select station  
and press RIGHT soft key to move cursor
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
4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

### DISPLAY

[213] VMAA PORT  
NORMAL PORT

[215] VMAA PORT  
NORMAL PORT

[215] VMAA PORT  
VMAA PORT

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## MMC: 207

**DEFAULT DATA:** NORMAL PORT

**RELATED ITEMS:** [MMC 726 VM/AA OPTIONS](#)  
[MMC 601 STATION GROUP](#)

## MMC: 308 ASSIGN BACKGROUND MUSIC SOURCE

### DESCRIPTION:

Assigns a background music (BGM) source to keysets. There is a music source on the base board (switch select internal/external). The default directory number of a background music source is 371.

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRANSFER 308  
Display shows current setting
2. Dial keyset number (e.g., 205)  
OR  
Use UP or DOWN to scroll through keyset numbers and press RIGHT soft key to move the cursor  
OR  
Press REDIAL to select all stations
3. Enter source number (e.g., 371)  
OR  
Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2
4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

### DISPLAY

[201] BGM SOURCE  
BGM SOURCE:NONE

[205] BGM SOURCE  
BGM SOURCE:NONE

[ALL] BGM SOURCE  
BGM SOURCE:?

[205] BGM SOURCE  
BGM SOURCE:371



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**MMC: 308**

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 309 ASSIGN STATION MUSIC ON HOLD](#)  
[MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE](#)

## MMC: 309

## ASSIGN STATION MUSIC ON HOLD

### DESCRIPTION:

Allows the system administrator to select which Music On Hold (MOH) source can be heard on each station. There are four possible selections for each music source: TONE, NONE, INTERNAL and EXTERNAL (customer-provided MOH source and switch select internal/external).

There is a music source on the base board (switch select internal/external). The default directory number of a background music source is 371.

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRANSFER 309  
Display shows current setting
2. Dial keyset number (e.g., 205)  
OR  
Use UP or DOWN to scroll through keyset numbers and press RIGHT soft key to move the cursor  
OR  
Press REDIAL to select all stations
3. Enter source number (e.g., 371)  
OR  
Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2
4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

### DISPLAY

```
[201] STN MOH
MOH SOURCE:NONE
```

```
[205] STN MOH
MOH SOURCE:NONE
```

```
[ALL] STN MOH
MOH SOURCE:?
```

```
[205] STN MOH
MOH SOURCE:371
```

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**MMC: 309**

**DEFAULT DATA:** TONE

**RELATED ITEMS:** [MMC 308 ASSIGN BACKGROUND MUSIC SOURCE](#)  
[MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE](#)

## MMC: 408

## ASSIGN TRUNK MUSIC ON HOLD

### DESCRIPTION:

Allows the system administrator to select which Music On Hold (MOH) source can be heard on each trunk. There are four possible selections for each music source: TONE, NONE, INTERNAL and EXTERNAL (customer-provided MOH source).

There is a music source on the iDCS 16 motherboard (switch select internal/external). The default directory number of a background music source is 371.

#### OPTIONS

- TONE
- NONE
- 371

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRANSFER 408  
Display shows current setting
2. Dial trunk number (e.g., 704)  
OR  
Use UP or DOWN to scroll through trunk numbers and press RIGHT soft key to move cursor  
OR  
Press REDIAL to select ALL
3. Enter source number (e.g., 371)  
OR  
Press UP or DOWN key to select option  
Press RIGHT soft key to return to step 2 above

### DISPLAY

```
[701 ]   TRK MOH
MOH SOURCE:TONE
```

```
[704 ]   TRK MOH
MOH SOURCE:TONE
```

```
[ALL]   TRK MOH
MOH SOURCE:?
```

```
[705 ]   TRK MOH
MOH SOURCE:371
```

## MMC: 408

4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

**DEFAULT DATA: TONE**

**RELATED ITEMS: [MMC 308 ASSIGN BACKGROUND MUSIC SOURCE](#)**

## MMC: 414 ASSIGN CALLER ID TRUNKS

### DESCRIPTION:

Allows the system administrator or technician to activate Caller ID on a per-trunk basis. Activating Caller ID will delay the incoming ring indication at the operator by two ring cycles to allow for the collection of the Caller ID data.

Each trunk has the following options:

0	NORMAL	This is not a Caller ID trunk.
1	CID TRUNK	This is a Caller ID trunk.

### 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
REDIAL	Used to select ALL

### ACTION

### DISPLAY

1. Press TRANSFER 414  
Display shows
2. Dial trunk number (e.g., 705)  
OR  
Press UP or DOWN to select trunk  
and press right soft key to move cursor  
OR  
Press REDIAL to select ALL
3. Dial 1 or 0 to change options  
OR  
Press UP or DOWN to select an option and  
press right soft key to return to step 2

[701] CID TRUNK  
NORMAL

[705] CID TRUNK  
NORMAL  
OR

[ALL] CID TRUNK  
??

[705] CID TRUNK  
CID TRUNK  
OR  
[ALL] CID TRUNK  
CID TRUNK

## MMC: 414

4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to save and advance to next  
MMC

**DEFAULT DATA: ALL TRUNKS ARE NORMAL**

**RELATED ITEMS:** [MMC 119 CALLER ID DISPLAY](#)  
[MMC 312 ALLOW CALLER ID](#)

# MMC: 501

# SYSTEM TIMERS

## DESCRIPTION:

Allows the technician to adjust individual timers as necessary. Any timer can 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
SPEAKER	Used to store data and advance to next MMC

## ACTION

## DISPLAY

1. Press TRANSFER 501  
Display shows first timer value
2. Press UP or DOWN key to select timer and  
press RIGHT soft key to move cursor
3. Enter new value using keypad; if valid,  
system returns to step 2 with new value
4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

AA INT DGT TIME  
05 SEC →

KMMC LOCK OUT TM  
30 SEC → \_

KMMC LOCK OUT TM  
30 SEC → 255

**DEFAULT DATA: SEE TABLE OF TIMERS AND VALUES BELOW**

**RELATED ITEMS: NONE**

## 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	00-25 SEC
ALERT TONE TIME	1000 MS	100-2500 MS
ALM REM.INTERVAL	25 SEC	1-255 SEC



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<b>TIMER NAME</b>	<b>DEFAULT</b>	<b>RANGE</b>
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
CID DISPLAY TIME	5 SEC	1-25 SEC
CID MSG RECEIVE	6 SEC	1-25 SEC
CO-CO DISCONNECT	20 MIN	0-255 MIN
CONFIRM TONE TM	1000 MS	100-2500 MS
CRD TONE INT TM	030 MS	0-255 SEC
DIAL PASS TIME	5 SEC	1-25 SEC
DISA DISCONNECT	30 MIN	1-255 MIN
DISA DTMF DETECT	000 SEC	0-250 SEC
DISA LOCK OUT TM	30 MIN	1-255 MIN
DISA NOANS DISC	030 SEC	0-255 SEC
DISA PASS CHECK	30 MIN	1-255 MIN
DISPLAY DELAY TM	3 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
HOOK FLASH MAX TM	0800 MS	20-2500 MS
HOK FLASH MIN TM	0350 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
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
PAGE TIME OUT	20 SEC	1-255 SEC
PAGE TONE TIME	500 MS	100-2500 MS
PARK RCALL TIME	45 SEC	0-255 SEC

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TIMER NAME	DEFAULT	RANGE
PC-MMC LOCK TIME	5 MIN	1-60 MIN
POWER DOWN TIME	200 MS	100-2500 MS
RECALL DISCONNECT	2 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	1-255 SEC
SYS HOLD RECALL	45 SEC	0-255 SEC
TRANSFER RECALL	20 SEC	0-255 SEC

### TIMER DESCRIPTIONS

**AA INT DGT TIME:** This timer controls the grace period between dialing valid digits before transferring call to INVALID 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 expires and transfers the call to the destination set in MMC 733 NO ACT DEST. This timer is usually called as first digit timer after entering AA mode.

**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 also precedes a forced Auto Answer call.

**ALM REM INTERVAL:** This timer controls the time length between ring attempts at a station when alarm reminder is set.

**alarm reminder ring (1<sup>st</sup>) ←interval→ alarm reminder ring (2<sup>nd</sup>)**

**ALM REM RING OFF:** This timer controls the length of the ring cycle 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.

**E-hold ←e-hold recl time→ recall to ← att recall→ recall to←recall→ disconnect**  
**U-hold sys hold recall originator time operator disc. Time**  
**transfer transfer recall**

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**AUTO REDIAL INT:** This timer controls the time between attempts after RETRY dialing is set on a station.

press RETRY   ←auto redial→   1st auto   ←auto redial→   2nd auto  
when busy/rback   interval   redial   interval   redial

**AUTO REDIAL RLS:** This timer controls the duration of a Ring No Answer condition on a retry number dialed before the auto redial is automatically cancelled.

**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.

**CID DISPLAY TIME:** The amount of time that the Caller ID information remains on the keyset's display. While on a trunk conversation, users are allowed to review received CID by pressing **SCROLL** → **CID** softkey, but LCD will automatically go back to trunk conversation status on expiration of this timer.

**CID MSG RECEIVE:** The amount of time that the system will allow a valid message from the C.O.

**C.O.–C.O. DISCONNECT:** This timer monitors the duration of an unsupervised conference; when it expires, both trunks are disconnected.

**CONFIRM TONE TIME:** The tone heard when a feature is activated or deactivated.

**CRD TONE INT TM:** This is the call record tone interval time. An entry other than zero will cause a tone to be heard by all the parties in a recorded conversation. The range for the tone is 001 (every second) to 255 (every 255 seconds). A value of 000 means no tone. Require Voice Mail.

**DIAL PASS TIME:** This timer is the wait time for preventing the misdialing of an outgoing call. After the last digit has been dialed, the voice path is connected.

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<b>DISA DISCONNECT:</b>	This timer controls the maximum duration of a DISA call.
<b>DISA DTMF DETECT:</b>	This timer sets the time duration that DTMF can be received on a DISA line.
<b>DISA LOCK OUT TIMER:</b>	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).
<b>DISA NOANS DISC:</b>	This timer controls the length of time that a CO call, connected via DISA access, may ring unanswered.
<b>DISA PASS CHECK:</b>	This timer defines the time period before the system clears the incorrect passcode counter.
<b>DISPLAY DELAY TIMER:</b>	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.
<b>DOOR LOCK RELEASE:</b>	This timer controls the duration of time the door lock relay is activated.
<b>DOOR RING DETECT:</b>	This timer controls the duration of time before a call is answered by the door phone.
<b>DOOR RING OFF TM:</b>	This timer controls the duration of ringing at the door ring destination before automatically canceling.
<b>E-HOLD RECALL TM:</b>	This timer controls the duration of time a call is held exclusively at a station before recalling. See ATT Recall Time.
<b>EXT. FWD DELAY TM:</b>	This timer controls the External Call Forward feature which allows a station to ring before the call is placed on external call forwarding.
<b>FIRST DIGIT TIME:</b>	This timer controls how long the system will wait for dialing to begin before dropping the dial tone and returning the user to error tone.
<b>HOK FLASH MAX TM:</b>	This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (LONGEST DURATION).

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<b>HOK FLASH MIN TM:</b>	This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (SHORTEST DURATION).
<b>HOOK OFF TIME:</b>	This timer controls the time before dial tone is sent to a single line station.
<b>HOOK ON TIME:</b>	This timer sets the minimum amount of time that the system will recognize as an SLT hang up.
<b>INQUIRY RELEASE:</b>	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.
<b>INTER DIGIT TIME:</b>	This timer controls the grace period between dialing valid digits before dropping the call and returning the user to error tone.
<b>KMMC DIGIT TIME:</b>	This timer controls the grace period between programming actions while in a programming session (KMMC not PCMMC/OSM). The timer automatically returns the system to secure programming status.
<b>LCR ADVANCE TIME:</b>	This timer controls the duration of time before selecting the next allowable route when a station is allowed to route advance.
<b>LCR INTER DIGIT:</b>	This timer controls the grace period between dialing valid digits before dropping the call and returning the user to error tone.
<b>OFF HOOK RING:</b>	This timer controls the duration of time between ring bursts to a user who has a camped-on call.
<b>receive CAMP-ON ring→ when busy</b>	<b>←off hook ring→ off hook ring interval ←off hook</b>
<b>OFF HOOK SELECT:</b>	This timer controls the grace period before placing a internal/external call as programmed in MMC 306.
<b>lift Handset</b>	<b>←off hook select time→ starts placing a call as specified in MMC 306</b>
<b>OHVA ANSWER TIME:</b>	This timer controls the time duration of an OHVA call before automatic rejection. When a user receives OHVA

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with voice interrupt this situation will last until this timer expires. If LCD phones receive OHVA, REJECT will appear at righthand side of bottom line while this timer is activated.

**PAGE TIME OUT:** This timer controls the 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 PCMMC activity, drops the link if no action is created by PCMMC and returns the system to secure program status.

**POWER DOWN TIME:** This timer monitors the power down to the SLT line for VM/AA.

**RECALL DISCONNECT:** This is the time an attendant recall rings before being disconnected. See *ATT Recall Time*.

**RECALL WAIT TIME:** This is the time any recall (hold or transfer) continues to recall at your station before it recalls to the operator.

1) If Originator is idle:

e-hold ←e-hold recall time→ recall to ←att recall→ recall to←recall→ disconnect  
transfer transfer recall time originator time operator disc.time

2) If Originator is occupied:

e-hold ←e-hold recall time→ recall to originator ←recall → recall to←recall→  
disconnect  
transfer trsf recall time with off hook ring wait time operator disc.time

**SMDR START/DIAL PULSE (ROTARY):** This grace period timer starts SMDR recording for rotary dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

**SMDR START/DTMF:** This grace period timer starts SMDR recording for touchtone dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

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### **SYS HOLD RECALL:**

This timer determines the time calls can be left on hold before recalling the holding station. This is a system-wide timer. Setting timer to 000 means no recalling will take place.

### **TRANSFER RECALL:**

This timer determines the time transferred calls ring before recalling. This is a system-wide timer. See Recall Wait Time.

## MMC: 502

## STATION TIMERS

### DESCRIPTION:

Allows certain station timer values to be changed on a per-station basis or for all stations.

- |   |            |  |
|---|------------|--|
| 1 | NO ANS FWD | This timer controls how long the station will ring before Forward No Answer takes place. (Range: 001– 255 sec.)  |
| 2 | DTMF DUR.  | This timer governs the duration of DTMF digit which is transmitting to an external VM system port. It will be useful when the VMS system fails to take valid DTMF digit being transmitted from iDCS 16 system through SLT port. (Range: 100– 9900 msec.) |
| 3 | F-DGT DELY | This timer will be valuable for the system administrator to insert suitable delay from generating DTMF digits, which for commencing of In Band Integration. (Range: 1001– 8000 msec).  |

**Note:** It is reasonable for the system administrator 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                 |
| SPEAKER   | Used to store data and advance to next MMC |
| REDIAL    | Used to select ALL                         |

### ACTION

1. Press TRANSFER 502  
Display shows
2. Dial station number (e.g., 205)  
OR  
Press UP or DOWN key to select station and  
press RIGHT soft key  
OR

### DISPLAY

```
[201] NO ANS FWD
010 SEC →_
```

```
[205] NO ANS FWD
010 SEC →_
```



## MMC: 502

Press REDIAL to select all stations and press  
RIGHT soft key

[ALL] NO ANS FWD  
010 SEC →\_

3. Enter new value (must be three digits) via  
dial keypad (e.g., 020) System will return to  
step 2

[205] NO ANS FWD  
010 SEC →020

4. Dial timer number from above list (e.g. 2)  
OR

[205] DTMF DUR.  
0100 MS →\_

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

5. Enter new timer value (must be four digits,  
e.g. 0200)  
System returns back to step 2

[205] DTMF DUR.  
0100 MS →0200

6. Press TRANSFER to store and exit  
OR

Press SPEAKER to store and advance to  
next MMC

**DEFAULT DATA:** NO ANS FWD 015 SEC  
DTMF DUR. 100 MSEC  
F-DGT DELY 600 MSEC

**RELATED ITEMS:** [MMC 102 CALL FORWARD](#)  
[MMC 207 ASSIGN VM/AA PORT](#)  
[MMC 726 VM/AA OPTIONS](#)

## MMC: 601

## ASSIGN STATION GROUP

### DESCRIPTION:

This MMC is used to build all station groups except the operator group (for the operator group see MMC 600).

The options for setting up these groups are as follows; A thru G.

**A. TYPE:** This is the type of group you are creating and can be one of the following:

1. **NORMAL:** Used to assign stations in a ring group. The members can be stations, common bell contacts or Ring over Page relays.
2. **VMAA:** Used to group a number of voice mail port (inband signaling to SLT) extensions. These must have been defined in MMC 207 as VMAA ports or they cannot be entered here. Check all programming in MMC 726 to ensure that the In band DTMF codes are properly set. This setting is typically used when integrating other 3<sup>rd</sup> party voice mail systems to the iDCS 16.
3. **AA:** This is used to group a number of AA ports. An AA card must be installed in the system to do this.
4. **SVM:** This is the voice mail group for the SVM 400/SVM 400E & SVMi-2E. (The Samsung digital voice mail system). Note: Group 509 will default as SVM group when the SVM 400/SVM 400E or SVMi-2E card is installed at initial powerup.

**B. RING MODE:** Each group can have one of the following ring modes. This will decide how calls are placed to the group.

1. **SEQUENTIAL:** The stations listed as “members” (see below) will be called on a first available basis. Calls will first go to the first member, if the first member is busy, calls will go to the second member, if the first member is busy, calls will go to the second member etc. This type of group is useful for placing the bulk of the incoming calls to a selected individual, with other members only getting the calls when the first member is busy.
2. **DISTRIBUTED:** The first call will go to the first member, the second call will go to the second member, the third call will go to the third member. This type of group is useful for evenly distributing the call among all group members.

## MMC: 601

- 3. UNCONDITIONAL:** Calls are placed to all group members simultaneously. If a group member is busy, the can receive off hook ring if defined in MMC 300. This ring mode option is not available for SVM or VMAA groups.
- C. OVERFLOW:** This is a timer value that will cause unanswered calls to a group to begin also ringing the NEXT PORT ( see below) after this timer has elapsed. If set to 000, no overflow will take place.
- D. GRP TRANSFER:** This is a timer that will determine how long C.O. calls transferred to the group will ring there before recalling. If set to 000, no recall will take place.
- E. NEXT PORT:** This is the station or group number that callers will also ring at if the OVERFLOW feature has been programmed. The NEXT port can be defined as:
1. **STN:** 201 - 216.
  2. **STN GROUP:** 501 - 509.
  3. **AA PORTS:** 381-384.
- F. MEMBER:** List all members that are to be in the group. Up to 32 members are allowed in each group, but stations can be assigned to multiple station groups.

**NOTES:** When a group is called, or a caller is transferred to a group, ringback is sent to the caller. A busy signal will not be returned even if all group members are busy. Calls to a group do not follow the call forwarding instructions of any stations in the group.

### FEATURE KEYS

0	TYPE	Group type (Normal, VM/AA, AA, SVM Group)
1	RING	Ring mode (Sequential, distributed or unconditional)
2	OVERFLOW	Overflow time (000 - 250 secs.)
3	GRP TRSF	Group transfer time (000 - 250 secs.)
4	NEXT PORT	Overflow port (Any station, common bell or ring over page)
5	MEMBER	Group members (e.g., station 202, 225, 231)

## MMC: 601

### 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 | DISTRIBUTED   | 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 | UNCONDITIONAL | 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<br>Display shows   | <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"><code>[<u>5</u>01] STN.GROUP<br/>TYPE:NORMAL GRP</code></div>   |
| 2. Dial group number (e.g., 505)<br>OR<br>Press UP or DOWN key to select group<br>Press LEFT soft key to move cursor to type of group and DIAL group type (0–2, e.g., 1)<br>OR<br>Press UP or DOWN key to make selection<br>Press LEFT soft key to move cursor to TYPE | <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"><code>[505] STN.GROUP<br/>TYPE:<u>N</u>ORMAL GRP</code></div> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc; margin-top: 10px;"><code>[505] STN GROUP<br/><u>T</u>YPE:VMAA</code></div> |
| 3. Dial feature option number (0–6, e.g., 0)<br>OR<br>Press UP or DOWN key to make selection<br>Press RIGHT soft key to move cursor to ring value  | <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc; margin-top: 10px;"><code>[505] STN GROUP<br/><u>R</u>ING:SEQUENTIAL</code></div>   |

## MMC: 601

4. Dial ring option (0–2, e.g., 1)  
OR  
Press UP or DOWN key to make selection  
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  
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

[505] STN GROUP  
RING: DISTRIBUTE

[505] STN GROUP  
RING: DISTRIBUTE

### DEFAULT DATA: NORMAL GROUP

RELATED ITEMS: [MMC 203 ASSIGN UA DEVICE](#)  
[MMC 204 COMMON BELL CONTROL](#)

# MMC: 701

# ASSIGN COS CONTENTS

## DESCRIPTION:

This MMC is primarily used for the creation of a new class of service. If the feature of unsupervised conference is allowed, a programmed CONF key must be available to allow reentry into conference call.

### TOLL LEVEL OPTIONS

DIAL DIGIT	TOLL LEVEL
0	A
1	B
2	C
3	D
4	E
5	F
6	G
7	H

### 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

### ACTION

1. Press TRANSFER 701  
Display shows
2. Dial in COS (e.g., 06)  
OR  
Press UP or DOWN key to select COS and  
press RIGHT soft key to move cursor to toll  
level
3. Dial toll level (e.g., 2—see above list)  
OR

### DISPLAY

COS CONTENTS (01)  
TOLL LEVEL:A

COS CONTENTS (06)  
TOLL LEVEL:A

COS CONTENTS (06)  
TOLL LEVEL:C

## MMC: 701

Press UP or DOWN key to select new level of  
TOLL  
OR  
Press RIGHT soft key to advance to COS  
options

4. Dial in COS option (e.g., 012—see option list  
below  
OR  
Press UP or DOWN key to select option and  
press RIGHT soft key to move cursor

COS CONTENTS (06)  
012: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)  
012:DND : NO

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

### COS FEATURE LIST BY OPTION NUMBER

000	AA CALER	Auto answer control by caller
001	ALM CLR	Alarm sensor ring answer
002	AUTO RDL	Retry on busy
003	CALLBACK	Callback
004	CID ABND	CID abandoned
005	CID INQR	CID inquiry for review
006	CID INVT	CID Invalid
007	CONFER	Conference
008	DALM CLR	DISA alarm ring clear
009	DAY/NIG.	Change day/night mode
010	DIRECT.	Directory Dial
011	DISA	Direct Inward System Access
012	DND	Do Not Disturb
013	DNDOVRD	DND override
014	DND FWRD	DND Call Forward
015	DOOR	Door ring answer
016	DSS	Direct station select
017	DTS	Direct trunk select
019	EXT FWD	External call forward

**MMC: 701**

**COS FEATURE LIST BY OPTION NUMBER**

020	FEATURE	FEATURE
021	FLASH	Trunk flash
022	FOLOW ME	Follow Me call forward
023	FORWARD	Call forward
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	OVERRIDE	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
043	PAGE 5	Page zone 5 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
084	SYS SPD	System speed dial
086	TRKGRP01	Trunk group 01 calling
087	TRKGRP02	Trunk group 02 calling
088	TRKGRP03	Trunk group 03 calling
089	TRKGRP04	Trunk group 04 calling



## MMC: 701

### COS FEATURE LIST BY OPTION NUMBER

097	UNCO CNF	CO to CO Conference
098	VM AREC	Voicemail Auto Record
099	VM AME	Voicemail Answer Machine Emulator
100	VM REC	Voicemail Manual Record
101	VM STN1	SVM 400 Port 01 Calling
102	VM STN2	SVM 400 Port 02 Calling

**DEFAULT DATA:** ALL VALUES YES, EXCEPT: 037-OVERRIDE, 098-VM AREC  
AND 099-VM AME.

**RELATED ITEMS:** [MMC 702 TOLL DENY TABLE](#)  
[MMC 703 TOLL ALLOWANCE TABLE](#)  
TOLL RESTRICTION

# MMC: 722 STATION KEY PROGRAMMING

## DESCRIPTION:

Allows the customizing of programmable keys on specific electronic keysets on the iDCS 16 system. Buttons 1 and 2 are set as CALL buttons by default. Features are entered via dial pad keys 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, press 2 for the first letter B and then use the UP or DOWN key to change the selection from BARGE to BOSS.

## DIAL KEYPAD

COUNT→	1	2	3
DIAL 2	AAPLAY	BARGE	CALL
DIAL 3	DIR	DIR	FAUTO
DIAL 4	GPIK	HDSET	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	VG

## 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

## ACTION

1. Press TRANSFER 722  
Display shows
2. Enter station number (e.g., 205)  
OR  
Press UP or DOWN key to make selection  
and press RIGHT soft key

## DISPLAY

[201] KEY (KTS)  
01:CALL1 →

[205] KEY (KTS)  
01:CALL1 →

**MMC: 722**

3. 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    (KTS)
18:NONE → _
```

4. 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    (KTS)
18:NONE → GPIK _
```

5. 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    (KTS)
18:NONE → GPIK03
```

6. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

**DEFAULT DATA:****• DS 24D**

01:NONE	02:NONE	03:NONE	04:NONE	05:NONE	06:NONE
07:NONE	08:MSG	09:DS 201	10:DS 202	11:DS 203	12:DS 204
13:DS 205	14:DS 206	15:DS 207	16:DS 208	17:DS 209	18:DS 210
19:DS 211	20:DS 212	21:DS 213	22:DS 214	23:DS 215	24:DS 216

**• S3TRK**

01:DT701	02:DT702	03:DT703	04:NONE	05:NONE	06:NONE
----------	----------	----------	---------	---------	---------

**• S6TRK**

01:DT701	02:DT702	03:DT703	04:DT704	05:DT705	06:DT706
----------	----------	----------	----------	----------	----------

**MMC: 722**

• **iDCS KEYSETS**

**Default 28 Button Keypad**

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MESSAGE
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:MEMORY	27:REDIAL
24:TRANSFER	28:SPEAKER

**Default 18 Button Keypad**

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MESSAGE
06:NONE	07:NONE	08:NONE	09:NONE	10:NONE

21:NONE	25:NONE
22:NONE	26:NONE
23:MEMORY	27:REDIAL
24:TRANSFER	28:SPEAKER

**Default 8 Button Keypad**

01:CALL1	02:CALL2	03:MESSAGE	04:TRANSFER
05:NONE	06:NONE	07:NONE	08:SPEAKER

**Default 14 Button DSS Box**

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

**MMC: 722**

**PROGRAMMABLE KEY ASSIGNMENTS**

AAPLAY	AUTO ATTND MESSAGE PLAY
AAREC	AUTO ATTND MESSAGE RECORD
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
CID	CALLER ID
CONF	CONFERENCE
CR	CALL RECORD
CSNR	CID SAVE NUMBER REDIAL
DIR	DIRECTORY
DLOCK	DOOR LOCK
DND	DO NOT DISTURB
DP	DIRECT PICK UP
DROP	TRANSFER CALL DROP
DS	DSS KEY
DT	DTS KEY
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
INQUIRE	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

## MMC: 722

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	Not Used
SPD	SPEED DIAL
STORE	STORE (CID)
TG	TRUNK GROUP
TIMER	TIMER
UA	UNIVERSAL ANSWER
VG	(FUTURE USE)
VMADM	VOICE MAIL ADMINISTRATION
VMAME	VOICE MAIL ANSWER MACHINE EMULATOR
VM	VOICE MAIL MEMO
VMMSG	VOICE MAIL MESSAGE KEY
VT	VM TRANSFER

**RELATED ITEMS:** [MMC 107 KEY EXTENDER](#)

# 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 keypad by pressing numbers as shown in the table. For example, for OHVA the number 6 is pressed three times. If the 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	DIR	DIR	FAUTO
DIAL 4	GPIK	HDSET	IOG
DIAL 5	LCR	LCR	LCR
DIAL 6	MMPA	NEW	OHVA
DIAL 7	PAGE	REJECT	SG
DIAL 8	TG	UA	VG

## TYPE OF SET

28 BTN SETS  
18 BTN SETS  
8 BTN SETS  
24B SIMPLE

## 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

## ACTION

1. Press TRANSFER 723  
Display shows
2. Enter key number (e.g., 18)  
OR

## DISPLAY

TYPE: 28BTN SETS  
01:CALL1 →

TYPE: 28BTN SETS  
18:DS →

**MMC: 723**

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

3. Using table above, press dial keypad  
number to make selection

TYPE: 28BTN SETS  
18:DS →GPIK

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

4. If required, enter extender (e.g.,03)

OR

TYPE: 28BTN SETS  
18:DS →GPIK03

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

5. Press TRANSFER to store and exit

OR

Press SPEAKER to store and advance to  
next MMC

**DEFAULT DATA:**

- DS 24D**

01:NONE	02:NONE	03:NONE	04:NONE	05:NONE	06:NONE
07:NONE	08:MSG	09:DS 201	10:DS 202	11:DS 203	12:DS 204
13:DS 205	14:DS 206	15:DS 207	16:DS 208	17:DS 209	18:DS 210
19:DS 211	20:DS 212	21:DS 213	22:DS 214	23:DS 215	24:DS 216

- S3TRK**

01:DT701	02:DT702	03:DT703	04:NONE	05:NONE	06:NONE
----------	----------	----------	---------	---------	---------

- S6TRK**

01:DT701	02:DT702	03:DT703	04:DT704	05:DT705	06:DT706
----------	----------	----------	----------	----------	----------

- iDCS KEYSETS**

**Default 28 Button Keypad**

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MESSAGE
06:NONE	07:NONE	08:NONE	09:NONE	10:NONE



## MMC: 723

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:MEMORY	27:REDIAL
24:TRANSFER	28:SPEAKER

### Default 18 Button Keypad

01:CALL1	02:CALL2	03:NONE	04:NONE	05:MESSAGE
06:NONE	07:NONE	08:NONE	09:NONE	10:NONE

21:NONE	25:NONE
22:NONE	26:NONE
23:MEMORY	27:REDIAL
24:TRANSFER	28:SPEAKER

### Default 8 Button Keypad

01:CALL1	02:CALL2	03:MESSAGE	04:TRANSFER
05:NONE	06:NONE	07:NONE	08:SPEAKER

### Default 14 Button DSS Box

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

## PROGRAMMABLE KEY ASSIGNMENTS

AAPLAY	AUTO ATTND MESSAGE PLAY
AAREC	AUTO ATTND MESSAGE RECORD
ABAND	ABANDON DATA
ACCT	ACCOUNT
ALARM	ALARM RING ANSWER

**MMC: 723**

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
CID	CALLER ID
CONF	CONFERENCE
CR	CALL RECORD
CSNR	CID SAVE NUMBER REDIAL
DIR	DIRECTORY
DLOCK	DOOR LOCK
DND	DO NOT DISTURB
DP	DIRECT PICK UP
DROP	TRANSFER CALL DROP
DS	DSS KEY
DT	DTS KEY
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
INQUIRE	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

**MMC: 723**

PAUSE	PAUSE
PMSG	PROGRAMMED STATION MSG
REJECT	OHVA REJECT
RETRY	AUTO REDIAL ON BUSY
REVV	REVIEW (CID)
SETMG	SET MESSAGE W/O RING
SG	STATION GROUP
SNR	SAVED NUMBER REDIAL
SP	Not Used
SPD	SPEED DIAL
STORE	STORE (CID)
TG	TRUNK GROUP
TIMER	TIMER
UA	UNIVERSAL ANSWER
VG	(FUTURE USE)
VMADM	VOICE MAIL ADMINISTRATION
VMAME	VOICE MAIL ANSWER MACHINE EMULATOR
VM	VOICE MAIL MEMO
VMSG	VOICE MAIL MESSAGE KEY
VT	VM TRANSFER

**RELATED ITEMS:** [MMC 107 KEY EXTENDER](#)

# MMC: 724

# DIAL NUMBERING PLAN

## DESCRIPTION:

Provides the access codes and dialing 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 customize the dialing plan. An error message is also provided in case an access/feature code is duplicated.

The following options may be selected:

- |   |                  |   |
|---|------------------|---|
| 0 | STN NUM PLAN     | Determines the station port dialing numbers.        |
| 1 | TRK NUM PLAN     | Determines the trunk port dialing numbers.          |
| 2 | AA NUM PLAN      | Determines the auto attendant port dialing numbers. |
| 3 | MISC NUM PLAN    | Determines the miscellaneous port dialing numbers.  |
| 4 | STNG NUM PLAN    | Determines the station group dialing numbers.       |
| 5 | TRKG NUM PLAN    | Determines the trunk group dialing numbers.         |
| 6 | FEAT NUMBER PLAN | Determines the feature codes.                       |

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.

## DIAL KEYPAD

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	VMSCMT
DIAL 9	WCOS	WCOS	WCOS

## MMC: 724

### 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

### ACTION

### DISPLAY

1. Press TRANSFER 724  
Display shows
2. Enter option number 0–7 (e.g., 4)  
OR  
Press UP or DOWN key to make selection  
and press RIGHT soft key.
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
4. Enter digits (e.g., 68) via dial keypad
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
6. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to  
next MMC

STN DIAL NUMBER  
BASE01:201 →

FEAT DIAL NUMBER  
AAPLAY:NONE →

FEAT DIAL NUMBER  
DICT :NONE→\_

FEAT DIAL NUMBER  
DICT :NONE→68

SAME DIAL EXIST  
CHANGE? Y:1,N:0

**MMC: 724**

**DEFAULT DATA:**

<b>STN DIAL NUM :</b>	<b>201 ~ 216</b>
<b>TRK DIAL NUM :</b>	<b>701 ~ 706</b>
<b>AA DIAL NO :</b>	<b>AA : 381 ~ 384</b>
<b>MISC DIAL NUM :</b>	<b>External page: 361</b>
	<b>Common/Loud Bell: 362</b>
	<b>BGM : 371</b>
<b>STNG DIAL NUMBER :</b>	<b>500 ~ 509</b>
<b>TRKG DIAL NUMBER :</b>	<b>9, 80 ~ 82</b>
<b>FEAT DIAL NUMBER :</b>	
<b>ABAND</b>	<b>64</b>
<b>ACCT</b>	<b>47</b>
<b>ALMCLR</b>	<b>57</b>
<b>AUTH</b>	<b>*</b>
<b>BARGE</b>	<b>None</b>
<b>BLOCK</b>	<b>None</b>
<b>BOSS</b>	<b>None</b>
<b>CAMP</b>	<b>45</b>
<b>CANMG</b>	<b>42</b>
<b>CBK</b>	<b>44</b>
<b>CONF</b>	<b>46</b>
<b>CR</b>	<b>None</b>
<b>DICT</b>	<b>None</b>
<b>DIR</b>	<b>None</b>
<b>DIRPK</b>	<b>65</b>
<b>DISALM</b>	<b>58</b>
<b>DLOCK</b>	<b>13</b>
<b>DND</b>	<b>40</b>
<b>DNDOVRD</b>	<b>None</b>
<b>FAUTO</b>	<b>14</b>
<b>FLASH</b>	<b>49</b>
<b>FWD</b>	<b>60</b>
<b>GRPK</b>	<b>66</b>
<b>HDSET</b>	<b>None</b>
<b>HLDPK</b>	<b>12</b>
<b>HOLD</b>	<b>11</b>
<b>IG</b>	<b>53</b>
<b>LCR</b>	<b>None</b>
<b>LISTN</b>	<b>None</b>
<b>LNR</b>	<b>19</b>
<b>MMPA</b>	<b>56</b>
<b>MMPG</b>	<b>54</b>
<b>MSG</b>	<b>43</b>
<b>NEW</b>	<b>None</b>
<b>NIGHT</b>	<b>None</b>

## MMC: 724

OHVA	None
OPER	0
PAGE	55
PAGPK	10
PARK	None
PAUSE	None
PMSG	48
REJECT	None
SELF ID	None
SETMG	41
SLTMMC	15
SNR	17
SPEED	16
UA	67
VMADM	None
VMAME	None
VMMEMO	#
VMMSG	None
WCOS	59

## MMC: 727 SYSTEM VERSION DISPLAY

### DESCRIPTION:

Used only for system version display. This is a read-only MMC.

### 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
REDIAL	Used to select ALL

### ACTION

1. Press TRSF 727  
Display shows
2. Press UP or DOWN key to select card and program version:

AA slot installed card and AA program version.

### DISPLAY

```
ROM VERSION
'02.07.18      V1.00
```

```
AA  VER: AA
' 98.10.29      V1.0
```

Expansion slot installed card and program version.

```
EXP. VER: 6TRK
NO VERSION DATA
```

**Note:** If no card is installed, display is NO INSTALL CARD

**DEFAULT DATA: NONE**

**RELATED ITEMS: NONE**



## MMC: 740

## SVM RESTART

### DESCRIPTION:

This MMC is only used for the Samsung SVM-400E/SVMi-2E Voice Mail Systems.

There are two options available in this MMC:

#### DOWNLOAD

When the SVM 400 system starts, part of the power up procedure will download data from the DS 616 to determine time, date, what mailboxes to create, and system numbering plan. This must be done at least once, but once done this download feature can be turned off to save boot up time.

#### CARD RESTART

If this option is set to YES the SVM-400E/SVMi-2E will immediately restart according to the download OPTION SPECIFIED ABOVE.

### PROGRAM KEYS

UP & DOWN	Changes MMC data between YES and NO
KEYPAD	0 and 1 will change data and advance to other option
SPEAKER	Used to store data and advance to next MMC

### ACTION

### DISPLAY

1. Press TRANSFER 740  
Display shows
2. Dial 0 for NO to set option and advance
3. Display shows
4. Dial 0 for NO to set option and advance
5. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

SVM RESTART  
DOWNLOAD ? YES

SVM RESTART  
CARD RESTART? NO

---

**MMC: 740**

**DEFAULT DATA:   CARD RESTART: NO**  
**DOWNLOAD: NO**

**RELATED ITEMS: NONE**

## MMC: 741

## ASSIGN MAILBOX

### DESCRIPTION:

This MMC is only used for Samsung SVM-400E/SVMi-2E Voice Mail systems. It assigns each station or group as having a mailbox in a specific SVM group. When stations or groups are assigned to an SVM group, during Voice Mail card power up mailboxes will be created for each directory number with a "YES" entry (if MMC 740 is set to DOWNLOAD = YES ).

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 MMC.

A mailbox can be removed using this MMC only if it was created by this MMC. A mailbox cannot be removed using this MMC if it was created by SVM-400E/SVMi-2E administration.

If a station that does not have an associated voice mail box, calls the Voice Mail system, they will be answered by the Voice Mail system main greeting.

NOTE: The groups that are supported are 500 to 509 (509 being the SVM group). Mailboxes that are needed for people that do not have an extension must be added through Voice Mail programming.

### PROGRAM KEY

UP & DOWN	Selects station number
KEYPAD	Selects station number
SPEAKER	Used to store data and advance to next MMC

### ACTION

1. Press TRANSFER 741  
Display shows
2. Dial station number  
OR  
Press UP or DOWN to scroll the number

### DISPLAY

ASSIGN MBX  
201 : YES

ASSIGN MBX  
[208] : YES

## MMC: 741

3. Press RIGHT soft key to move cursor

ASSIGN MBX  
[208] : YES

4. Enter new voice mail group number

ASSIGN MBX  
[208] : 509

5. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance  
to next MMC

**DEFAULT DATA: ALL STATIONS = YES  
ALL STATION GROUPS = NO**

**RELATED ITEMS: SVM VOICE MAIL SYSTEM**

## MMC: 743

## AUTO RECORD

### DESCRIPTION:

This MMC is only used for the SVM 400 Voice Mail System.

Some specific stations in the phone system can be assigned to automatically record conversations. When this option is set all incoming, all outgoing or all calls (incoming and outgoing) will be automatically recorded in the mailbox of your choice.

When this option is selected a specific port must 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 stations use this feature. —Station number
2. What mailbox the conversation are recorded in. —Mailbox number equal to a station 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 channel/port number

A maximum of 2 stations can use this feature in the iDCS 16, since it is counted as a conference circuit.

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 channel is assigned here, it is automatically removed from the Voice Mail group (509) 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. STA is not responsible for any illegal use of this feature.

### PROGRAM KEY

UP & DOWN	Selects station number
KEYPAD	Selects station number
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to delete an entry

## MMC: 743

### ACTION

1. Press TRANSFER 743  
Display shows
2. Dial station number  
OR  
Press UP or DOWN to select the number
3. Press RIGHT soft key to move cursor
4. Enter mailbox number using number  
Keys (e.g., 299)
5. Press right SOFT key to move cursor.  
Enter VM channel number using keypad  
or UP or DOWN
6. Press RIGHT soft key to move cursor  
Enter call data, I, O or B.
7. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next  
MMC

### DISPLAY

```
AUTO RECORD  
STN:201 :MB:None
```

```
AUTO RECORD  
STN:205 :MB:None
```

```
AUTO RECORD  
STN:205 :MB:_
```

```
AUTO RECORD  
STN:205 :MB:299
```

```
AUTO RECORD  
PORT:_ :CALL:
```

```
AUTO RECORD  
PORT:212 :CALL:B
```

**DEFAULT DATA: NO STATIONS ASSIGNED**

**RELATED ITEMS: NONE**

## MMC: 745

## VM DESTINATION

### DESCRIPTION:

This MMC is only used for the Samsung SVM 400 Voice Mail System.

This MMC provides an emergency destination for trunk/station calls to group 509. If the Voice Mail system is removed or is offline.

In addition any calls to a station forwarded to the Voice Mail system will not forward, they will remain ringing at the “fwd from” station until answered.

The destination can be a station number or a group number. This destination is also used for the HDD alarm destination (MMC 747).

### PROGRAM KEY

UP & DOWN	Selects destination station number
KEYPAD	Selects destination station number
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to delete an entry

### ACTION

1. Press TRANSFER 745  
Display shows
2. Dial station or station group number  
OR  
Press UP or DOWN to scroll to number
3. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

### DISPLAY

VM DESTINATION  
DEST: 500

VM DESTINATION  
DEST: 201

**DEFAULT DATA: VOICE MAIL DESTINATION = 500**

**RELATED ITEMS:** [MMC 747 VM ALARM](#)

## MMC: 746

## VM HALT

### DESCRIPTION:

This MMC is only used for the Samsung SVM-400E/SVMi-2E Voice Mail Systems.

This MMC is used to halt the Voice Mail system (take it offline). No calls will be disconnected, however no new IN/OUT bound calls are established. It ensures that there is no traffic on the Voice Mail system when it is taken offline.

**NOTE: THIS OPERATION SHOULD BE PERFORMED BEFORE TAKING THE VOICE MAIL SYSTEM OFFLINE.**

### PROGRAM KEY

UP & DOWN	0 = processing, 1 = halt
SPK	Used to store data and advance to next MMC
HOLD	Used to delete an entry

### ACTION

### DISPLAY

1. Press TRANSFER 746  
Display shows

VM HALT  
STATUS:PROC

2. Enter 1 to halt  
OR  
0 to continue processing

VM HALT  
STATUS:HALT

3. Display shows:  
Press 1 or RIGHT SOFT KEY to confirm

VM HALT  
ARE YOU SURE?:YES

4. Display shows:

VM HALT  
STATUS:HALTED

5. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

**DEFAULT DATA: NONE**

**RELATED ITEMS: SVM 400E VOICE MAIL SYSTEM**



## MMC: 747

## VM DRIVE ALARM

### DESCRIPTION:

The MMC will generate an alarm message at the destination assigned in MMC 745 whenever the Voice Mail system memory reaches a predefined 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.

Note: The SVMi-2E supports 3 languages at default. Customers can choose to delete unwanted language(s) to free up memory to increase the message storage capacity.

### PROGRAM KEY

KEYPAD	Used to enter new threshold value
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to delete an entry

### ACTION

1. Press TRANSFER 747  
Display shows
2. Enter new threshold level
3. Press TRANSFER to store and exit  
OR  
Press SPK to store and advance to next MMC

### DISPLAY

VM ALARM  
THRESHOLD: 80

VM ALARM  
THRESHOLD: 75

**DEFAULT DATA: 80%**

**RELATED ITEMS:** [MMC 745 VM DESTINATION](#)  
**SVM 400E VOICE MAIL SYSTEM**

## MMC: 748

## ASSIGN VM MOH

### DESCRIPTION:

This MMC is only used for the Samsung SVM-400E/SVMi-2E Voice Mail systems.

This MMC is used to assign each port a Music on Hold source for the iDCS 16 from a sound file located on the SVM hard disk drive. The 100 available sound files are defined as numbers 5000 to 5099.

Basically SVM card supports various music for numbers 5000 to 5099. If you want to use default SVM 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 SVM port. For example, if you record sound file 25 you would associate 25 with a specific SVM port, e.g. 212. This will dedicate the port for use only as MOH and remove it from group 509. Now 212 will show up as a valid music source in MMC 308, 309 and 408.

Each Music on Hold source assigned here requires one SVM port. SVM port is used for VM MOH, it must be disabled before boot up since SVM and the iDCS 16 use port 1 during boot up to exchange critical information. For this reason we suggest you use the last port as VM MOH ports.

### PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to delete an entry

### ACTION

1. Press TRANSFER 748  
Display shows
2. Press UP or DOWN to select SVM port.
3. Move cursor to next field. Press UP or DOWN to select sound file.

### DISPLAY

```
SET VM MOH  
211: NOT USE
```

```
SET VM MOH  
212: NOT USE
```

```
SET VM MOH  
212: 25
```

## MMC: 748

4. Press TRANSFER button to store and exit  
OR  
Press SPEAKER button to store and  
advance to next MMC

**DEFAULT DATA: NOT USED**

**RELATED ITEMS: NONE**

## MMC: 749

## VM PORT IN/OUT

### DESCRIPTION:

This MMC is used to assign each Voice Mail Port as used for incoming, outgoing or both way calls. Note that this MMC must be set to support outgoing calls if off premises notification (beeper, outbound follow me or outbound notification) is used.

- 0. IN ONLY
- 1. OUT ONLY
- 2. IN/OUT

### PROGRAM KEY

KEYPAD	Used to enter new value
SPEAKER	Used to store data and advance to next MMC
HOLD	Used to delete an entry

### ACTION

### DISPLAY

1. Press TRANSFER 749  
Display shows
2. Press UP or DOWN to select station number  
OR  
Press RIGHT soft key to advance cursor
3. Press UP or DOWN to select option  
Press RIGHT soft key to move cursor
4. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

VM IN / OUT  
211 IN/OUT

VM IN / OUT  
211 OUT

VM IN / OUT  
211 OUT

**DEFAULT DATA: ALL PORTS IN / OUT**

**RELATED ITEMS: SVM 400E VOICE MAIL SYSTEM**

## 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 6-Trunk card is added, running this program causes 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
SPEAKER	Used to store data and advance to next MMC

### ACTION

1. Press TRANSFER 806  
Display shows
2. Press RIGHT soft key to change previous card type
3. Press TRANSFER to store and exit  
OR  
Press SPEAKER to store and advance to next MMC

### DISPLAY

EXP.	SLOT
NONE	→NONE

EXP.	SLOT
NONE	→6TRK

**DEFAULT DATA: NONE**

**RELATED ITEMS: NONE**