

# OfficeServ 7000 Series

## Common Programming

### OVERVIEW

THE FOLLOWING INSTRUCTIONS FOR EACH MMC ASSUME THAT YOU HAVE ALREADY OPENED PROGRAMMING.

#### HELPFUL HINT:

When you are finished programming in MMC codes 100–855 and have other programming to do, press SPEAKER to exit the MMC but stay in the programming mode and use one of the following methods.

1. Dial another MMC code directly and continue programming.
2. Press VOLUME UP and DOWN keys to scroll through all MMC codes. When the desired MMC code is reached, press SPEAKER and continue programming.

Pressing TRANSFER will always save changes and exit the programming mode.

## PROGRAM LIST IN NUMERICAL ORDER

<a href="#">100</a>	<a href="#">STATION LOCK</a>	<a href="#">308</a>	<a href="#">ASSIGN BACKGROUND MUSIC SOURCE</a>
<a href="#">101</a>	<a href="#">CHANGE USER PASSCODE</a>	<a href="#">309</a>	<a href="#">ASSIGN STATION MUSIC ON HOLD</a>
<a href="#">102</a>	<a href="#">CALL FORWARD</a>	<a href="#">310</a>	<a href="#">LCR CLASS OF SERVICE</a>
<a href="#">103</a>	<a href="#">SET ANSWER MODE</a>	<a href="#">312</a>	<a href="#">ALLOW CID / ANI</a>
<a href="#">104</a>	<a href="#">STATION NAME</a>	<a href="#">313</a>	<a href="#">COPY STATION/TRUNK USE</a>
<a href="#">105</a>	<a href="#">STATION SPEED DIAL</a>	<a href="#">314</a>	<a href="#">ASSIGN STATION/STATION USE</a>
<a href="#">106</a>	<a href="#">STATION SPEED DIAL NAME</a>	<a href="#">315</a>	<a href="#">CUSTOMER SET RELOCATION</a>
<a href="#">107</a>	<a href="#">KEY EXTENDER</a>	<a href="#">316</a>	<a href="#">PRESET FORWARD NO ANSWER</a>
<a href="#">108</a>	<a href="#">STATION STATUS</a>	<a href="#">317</a>	<a href="#">TIME/COST DISPLAY OPTION</a>
<a href="#">109</a>	<a href="#">DATE/TIME DISPLAY</a>	<a href="#">320</a>	<a href="#">BRANCH GROUP</a>
<a href="#">110</a>	<a href="#">STATION ON/OFF</a>	<a href="#">321</a>	<a href="#">SEND CLI NUMBER</a>
<a href="#">111</a>	<a href="#">KEYSET RING TONE</a>	<a href="#">324</a>	<a href="#">SLI2 GAIN</a>
<a href="#">112</a>	<a href="#">ALARM CLOCK</a>	<a href="#">326</a>	<a href="#">RBT MESSAGE</a>
<a href="#">114</a>	<a href="#">STATION VOLUME</a>	<a href="#">327</a>	<a href="#">MMS SERVICE</a>
<a href="#">115</a>	<a href="#">SET PROGRAMMED MESSAGE</a>	<a href="#">328</a>	<a href="#">MOBEX INFO</a>
<a href="#">116</a>	<a href="#">ALARM REMINDER</a>	<a href="#">329</a>	<a href="#">RING GROUP</a>
<a href="#">117</a>	<a href="#">TEXT MESSAGE</a>	<a href="#">330</a>	<a href="#">EMERGENCY ROUTING</a>
<a href="#">118</a>	<a href="#">CONFERENCE GROUP</a>	<a href="#">400</a>	<a href="#">CUSTOMER ON/OFF PER TRUNK</a>
<a href="#">119</a>	<a href="#">CALLER ID / ANI DISPLAY</a>	<a href="#">401</a>	<a href="#">C.O./PBX LINE</a>
<a href="#">120</a>	<a href="#">LARGE LCD OPTION</a>	<a href="#">402</a>	<a href="#">TRUNK DIAL TYPE</a>
<a href="#">121</a>	<a href="#">STATION LANGUAGE ASSIGNMENT</a>	<a href="#">403</a>	<a href="#">TRUNK TOLL CLASS</a>
<a href="#">122</a>	<a href="#">SPOT INFO SPD</a>	<a href="#">404</a>	<a href="#">TRUNK NAME</a>
<a href="#">125</a>	<a href="#">EXECUTIVE PRESENT STATE</a>	<a href="#">405</a>	<a href="#">TRUNK TELEPHONE NUMBER</a>
<a href="#">126</a>	<a href="#">MOBEX NUMBER</a>	<a href="#">406</a>	<a href="#">TRUNK RING ASSIGNMENT</a>
<a href="#">199</a>	<a href="#">SHOW LICENSE STATUS</a>	<a href="#">407</a>	<a href="#">FORCED TRUNK RELEASE</a>
<a href="#">200</a>	<a href="#">OPEN CUSTOMER PROGRAMMING</a>	<a href="#">408</a>	<a href="#">ASSIGN TRUNK MOH SOURCE</a>
<a href="#">201</a>	<a href="#">CHANGE CUSTOMER PASSCODE</a>	<a href="#">409</a>	<a href="#">TRUNK STATUS READ</a>
<a href="#">202</a>	<a href="#">CHANGE FEATURE PASSCODE</a>	<a href="#">410</a>	<a href="#">ASSIGN DISA TRUNK</a>
<a href="#">203</a>	<a href="#">ASSIGN UA DEVICE</a>	<a href="#">411</a>	<a href="#">ASSIGN T1 SIGNAL TYPE</a>
<a href="#">204</a>	<a href="#">COMMON BELL CONTROL</a>	<a href="#">412</a>	<a href="#">ASSIGN TRUNK SIGNAL</a>
<a href="#">205</a>	<a href="#">ASSIGN LOUD BELL</a>	<a href="#">414</a>	<a href="#">ASSIGN CALLER ID / ANI TRUNKS</a>
<a href="#">206</a>	<a href="#">BARGE-IN TYPE</a>	<a href="#">415</a>	<a href="#">REPORT TRUNK ABANDON DATA</a>
<a href="#">207</a>	<a href="#">ASSIGN VM/AA PORT</a>	<a href="#">416</a>	<a href="#">E&amp;M/DID RING</a>
<a href="#">208</a>	<a href="#">ASSIGN RING TYPE</a>	<a href="#">417</a>	<a href="#">TRK TMC GAIN</a>
<a href="#">209</a>	<a href="#">ASSIGN ADD-ON MODULE</a>	<a href="#">418</a>	<a href="#">TRUNK GAIN CONTROL</a>
<a href="#">210</a>	<a href="#">CUSTOMER ON/OFF PER TENANT</a>	<a href="#">419</a>	<a href="#">DISTINCTIVE RINGING</a>
<a href="#">211</a>	<a href="#">DOOR RING ASSIGNMENT</a>	<a href="#">420</a>	<a href="#">ANI / DNIS OPTIONS</a>
<a href="#">214</a>	<a href="#">DISA ALARM RINGING STATION</a>	<a href="#">421</a>	<a href="#">TRUNK COS</a>
<a href="#">217</a>	<a href="#">STATION PAIR</a>	<a href="#">422</a>	<a href="#">COST RATE</a>
<a href="#">219</a>	<a href="#">TRAFFIC REPORT PRINTOUT</a>	<a href="#">423</a>	<a href="#">SET H-TRACK</a>
<a href="#">221</a>	<a href="#">EXTENSION TYPE</a>	<a href="#">424</a>	<a href="#">PRI CARD RESTART</a>
<a href="#">222</a>	<a href="#">FAX PAIR</a>	<a href="#">430</a>	<a href="#">PRI CONTROL</a>
<a href="#">223</a>	<a href="#">ISDN SERVICE TYPE</a>	<a href="#">432</a>	<a href="#">CONNECTION STATUS</a>
<a href="#">224</a>	<a href="#">WAKE-UP AA</a>	<a href="#">438</a>	<a href="#">TRK GAIN</a>
<a href="#">225</a>	<a href="#">IP-UMS/IVR</a>	<a href="#">500</a>	<a href="#">SYSTEM-WIDE COUNTERS</a>
<a href="#">300</a>	<a href="#">CUSTOMER ON/OFF PER STATION</a>	<a href="#">501</a>	<a href="#">SYSTEM TIMERS</a>
<a href="#">301</a>	<a href="#">ASSIGN STATION COS</a>	<a href="#">502</a>	<a href="#">STATION-WIDE TIMERS</a>
<a href="#">302</a>	<a href="#">PICKUP GROUPS</a>	<a href="#">503</a>	<a href="#">TRUNK-WIDE TIMER</a>
<a href="#">303</a>	<a href="#">ASSIGN EXECUTIVE/SECRETARY</a>	<a href="#">504</a>	<a href="#">PULSE MAKE/BREAK RATIO</a>
<a href="#">304</a>	<a href="#">ASSIGN EXTENSION/TRUNK USE</a>	<a href="#">505</a>	<a href="#">ASSIGN DATE AND TIME</a>
<a href="#">305</a>	<a href="#">ASSIGN FORCED CODE</a>	<a href="#">506</a>	<a href="#">TONE CADENCE</a>
<a href="#">306</a>	<a href="#">HOT LINE</a>	<a href="#">507</a>	<a href="#">ASSIGN RING PLAN TIME</a>
		<a href="#">510</a>	<a href="#">SLI RING CADENCE</a>

511	<a href="#">MESSAGE WAITING LAMP CADENCE</a>	747	<a href="#">VM ALARM</a>
512	<a href="#">HOLIDAY ASSIGNMENT</a>	748	<a href="#">ASSIGN VM MOH</a>
513	<a href="#">HOTEL/MOTEL TIMERS</a>	749	<a href="#">VM IN/OUT</a>
515	<a href="#">ASSIGN DAYLIGHT SAVINGS DATE</a>	759	<a href="#">CLI RINGING</a>
600	<a href="#">ASSIGN OPERATOR GROUP</a>	760	<a href="#">ITEM COST TABLE</a>
601	<a href="#">ASSIGN STATION GROUP</a>	761	<a href="#">TAX RATE SETUP</a>
602	<a href="#">STATION GROUP NAME</a>	762	<a href="#">ROOM COST RATE</a>
603	<a href="#">ASSIGN TRUNK GROUP</a>	763	<a href="#">SECOND LCR</a>
604	<a href="#">ASSIGN INTERNAL PAGE ZONES</a>	764	<a href="#">DISA PASSWORD</a>
605	<a href="#">ASSIGN EXTERNAL PAGE ZONE</a>	766	<a href="#">STATION KEY NAME</a>
606	<a href="#">ASSIGN SPEED BLOCK</a>	800	<a href="#">ENABLE TECHNICIAN PROGRAM</a>
607	<a href="#">UCD OPTIONS</a>	801	<a href="#">CHANGE TECHNICIAN PASSCODE</a>
608	<a href="#">ASSIGN REVIEW BLOCK</a>	802	<a href="#">CUSTOMER ACCESS MMC NUMBER</a>
609	<a href="#">CALL LOG BLOCK</a>	803	<a href="#">ASSIGN TENANT GROUP</a>
611	<a href="#">ALLOW TEXT MESSAGING</a>	804	<a href="#">SYSTEM I/O MODE</a>
612	<a href="#">GROUP CONFERENCE ALLOW</a>	805	<a href="#">LEVEL &amp; GAIN</a>
614	<a href="#">SET A STATION / C.O. LINE CALL GROUP</a>	806	<a href="#">CARD PRE-INSTALL</a>
615	<a href="#">MGI GROUP</a>	807	<a href="#">ADJUST DIGITAL PHONE TONE QUALITY</a>
616	<a href="#">MGI USER</a>	808	<a href="#">T1 PARAMETERS</a>
700	<a href="#">COPY COS CONTENTS</a>	810	<a href="#">HALT PROCESSING</a>
701	<a href="#">ASSIGN COS CONTENTS</a>	811	<a href="#">RESET SYSTEM</a>
702	<a href="#">TOLL DENY TABLE</a>	812	<a href="#">SET COUNTRY</a>
703	<a href="#">TOLL ALLOWANCE TABLE</a>	813	<a href="#">USE HOTEL MODE</a>
704	<a href="#">ASSIGN WILD CHARACTER</a>	815	<a href="#">CUSTOMER DATABASE COPY</a>
705	<a href="#">ASSIGN SYSTEM SPEED DIAL</a>	816	<a href="#">CONFERENCE GAIN</a>
706	<a href="#">SYSTEM SPEED DIAL BY NAME</a>	817	<a href="#">STOP MEMORY</a>
707	<a href="#">AUTHORIZATION CODE</a>	818	<a href="#">PROGRAM DOWNLOAD</a>
708	<a href="#">ACCOUNT CODE</a>	819	<a href="#">SMARTMEDIA FILE CONTROL</a>
709	<a href="#">TOLL PASS CODE/SPECIAL CODE TABLE</a>	820	<a href="#">ASSIGN SYSTEM LINK ID</a>
710	<a href="#">LCR DIGIT TABLE</a>	821	<a href="#">Q-SIG TRUNK</a>
711	<a href="#">LCR TIME TABLE</a>	822	<a href="#">VIRTUAL STATION TYPE</a>
712	<a href="#">LCR ROUTE TABLE</a>	823	<a href="#">NETWORK COS</a>
713	<a href="#">LCR MODIFY DIGIT TABLE</a>	824	<a href="#">NETWORK DIAL PLAN</a>
714	<a href="#">DID NUMBER AND NAME TRANSLATION</a>	825	<a href="#">NETWORK OPTIONS</a>
715	<a href="#">PROGRAMMED STATION MESSAGE</a>	826	<a href="#">CLOCK SOURCE</a>
717	<a href="#">MY AREA CODE</a>	827	<a href="#">CRM DSP MODE</a>
718	<a href="#">UCD AGENT ID</a>	829	<a href="#">LAN PRINTER PARAMETER</a>
719	<a href="#">IDLE DISPLAY</a>	830	<a href="#">ETHERNET PARAMETERS</a>
720	<a href="#">COPY KEY PROGRAMMING</a>	831	<a href="#">MGI PARAMETERS</a>
721	<a href="#">SAVE STATION KEY PROGRAMMING</a>	832	<a href="#">VOIP OUTBOUND DIGITS</a>
722	<a href="#">STATION KEY PROGRAMMING</a>	833	<a href="#">VOIP IP ADDRESS</a>
723	<a href="#">SYSTEM KEY PROGRAMMING</a>	834	<a href="#">H.323 OPTION</a>
724	<a href="#">DIAL NUMBERING PLAN</a>	835	<a href="#">MGI DSP OPTION</a>
725	<a href="#">SMDR OPTIONS</a>	836	<a href="#">H.323 GK OPTION</a>
726	<a href="#">VM/AA OPTIONS</a>	837	<a href="#">SIP OPTIONS</a>
727	<a href="#">SYSTEM VERSION DISPLAY</a>	838	<a href="#">PRIVATE IP ADDRESS</a>
728	<a href="#">CID / ANI TRANSLATION TABLE</a>	839	<a href="#">SIP USER</a>
729	<a href="#">RATE CALCULATION TABLE</a>	840	<a href="#">IP SET INFO</a>
730	<a href="#">COSTING DIAL PLAN</a>	841	<a href="#">SYSTEM IP OPTION</a>
740	<a href="#">VM CARD RESTART</a>	842	<a href="#">SIP STATION TYPE</a>
741	<a href="#">USER MAILBOX</a>	843	<a href="#">MPS OPTIONS</a>
743	<a href="#">AUTO RECORD</a>	844	<a href="#">UC IP PHONE INFORMATION</a>
744	<a href="#">VM DAY / NIGHT</a>	845	<a href="#">COMBO WLI PARAMETERS</a>
745	<a href="#">WARNING DESTINATION</a>	845	<a href="#">DUAL-BAND WLI PARAMETERS</a>
746	<a href="#">VM HALT</a>	846	<a href="#">WIP INFO</a>

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848	<a href="#">WIP LISTS</a>	858	<a href="#">OAS CARD SERVICE</a>
849	<a href="#">WLAN CONFIG</a>	859	<a href="#">HARDWARE VERSION</a>
850	<a href="#">SHOW SYSTEM RESOURCES</a>	860	<a href="#">LICENSE</a>
851	<a href="#">ALARM REPORTING</a>	861	<a href="#">SYSTEM OPTION</a>
852	<a href="#">SYSTEM ALARM ASSIGNMENTS</a>	863	<a href="#">ACCESS NUMBER</a>
853	<a href="#">MAINTENANCE BUSY</a>	865	<a href="#">FAN POWER CONTROL</a>
854	<a href="#">DIAGNOSTIC TIME</a>	868	<a href="#">REMOTE STATION TRANSLATION</a>
855	<a href="#">SYSTEM HARDWARE OPTIONS</a>	889	<a href="#">DISPLAY SERVER STATUS</a>
856	<a href="#">TECH PROGRAMMING LOGS</a>	890	<a href="#">PORT CLEAR</a>
857	<a href="#">VIRTUAL CABINETS</a>		

## PROGRAM LIST IN ALPHABETICAL ORDER

863	<a href="#"><u>ACCESS NUMBER</u></a>	889	<a href="#"><u>DISPLAY SERVER STATUS</u></a>
708	<a href="#"><u>ACCOUNT CODE</u></a>	419	<a href="#"><u>DISTINCTIVE RINGING</u></a>
209	<a href="#"><u>ADD-ON MODULE ASSIGN</u></a>	211	<a href="#"><u>DOOR RING ASSIGNMENT</u></a>
807	<a href="#"><u>ADJUST DIGITAL PHONE TONE QUALITY</u></a>	416	<a href="#"><u>E&amp;M/DID RING</u></a>
112	<a href="#"><u>ALARM CLOCK</u></a>	330	<a href="#"><u>EMERGENCY ROUTING</u></a>
116	<a href="#"><u>ALARM REMINDER</u></a>	830	<a href="#"><u>ETHERNET PARAMETERS</u></a>
851	<a href="#"><u>ALARM REPORTING</u></a>	125	<a href="#"><u>EXECUTIVE PRESENT STATE</u></a>
420	<a href="#"><u>ANI / DNIS OPTIONS</u></a>	303	<a href="#"><u>EXECUTIVE/SECRETARY ASSIGN</u></a>
704	<a href="#"><u>ASSIGN WILD CHARACTER</u></a>	304	<a href="#"><u>EXTENSION/TRUNK USE ASSIGN</u></a>
707	<a href="#"><u>AUTHORIZATION CODE</u></a>	221	<a href="#"><u>EXTENSION TYPE</u></a>
743	<a href="#"><u>AUTO RECORD</u></a>	605	<a href="#"><u>EXTERNAL PAGE ZONE ASSIGN</u></a>
308	<a href="#"><u>BACKGROUND MUSIC SOURCE ASSIGN</u></a>	865	<a href="#"><u>FAN POWER CONTROL</u></a>
206	<a href="#"><u>BARGE-IN TYPE</u></a>	222	<a href="#"><u>FAX PAIR</u></a>
320	<a href="#"><u>BRANCH GROUP</u></a>	202	<a href="#"><u>FEATURE PASSCODE CHANGE</u></a>
401	<a href="#"><u>C.O./PBX LINE</u></a>	305	<a href="#"><u>FORCED CODE ASSIGN</u></a>
102	<a href="#"><u>CALL FORWARD</u></a>	407	<a href="#"><u>FORCED TRUNK RELEASE</u></a>
609	<a href="#"><u>CALL LOG BLOCK</u></a>	612	<a href="#"><u>GROUP CONFERENCE ALLOW</u></a>
119	<a href="#"><u>CALLER ID / ANI DISPLAY</u></a>	423	<a href="#"><u>H-TRACK SET</u></a>
414	<a href="#"><u>CALLER ID / ANI TRUNKS ASSIGN</u></a>	836	<a href="#"><u>H.323 GK OPTION</u></a>
806	<a href="#"><u>CARD PRE-INSTALL</u></a>	834	<a href="#"><u>H.323 OPTION</u></a>
312	<a href="#"><u>CID / ANI ALLOW</u></a>	810	<a href="#"><u>HALT PROCESSING</u></a>
728	<a href="#"><u>CID / ANI TRANSLATION TABLE</u></a>	859	<a href="#"><u>HARDWARE VERSION</u></a>
759	<a href="#"><u>CLI RINGING</u></a>	512	<a href="#"><u>HOLIDAY ASSIGNMENT</u></a>
826	<a href="#"><u>CLOCK SOURCE</u></a>	306	<a href="#"><u>HOT LINE</u></a>
204	<a href="#"><u>COMMON BELL CONTROL</u></a>	513	<a href="#"><u>HOTEL/MOTEL TIMERS</u></a>
816	<a href="#"><u>CONFERENCE GAIN</u></a>	813	<a href="#"><u>HOTEL MOTEL USE</u></a>
118	<a href="#"><u>CONFERENCE GROUP</u></a>	719	<a href="#"><u>IDLE DISPLAY</u></a>
432	<a href="#"><u>CONNECTION STATUS</u></a>	604	<a href="#"><u>INTERNAL PAGE ZONES ASSIGN</u></a>
700	<a href="#"><u>COPY COS CONTENTS</u></a>	840	<a href="#"><u>IP SET INFO</u></a>
720	<a href="#"><u>COPY KEY PROGRAMMING</u></a>	225	<a href="#"><u>IP-UMS/IVR</u></a>
313	<a href="#"><u>COPY STATION/TRUNK USE</u></a>	223	<a href="#"><u>ISDN SERVICE TYPE</u></a>
701	<a href="#"><u>COS CONTENTS ASSIGN</u></a>	760	<a href="#"><u>ITEM COST TABLE</u></a>
422	<a href="#"><u>COST RATE</u></a>	107	<a href="#"><u>KEY EXTENDER</u></a>
730	<a href="#"><u>COSTING DIAL PLAN</u></a>	111	<a href="#"><u>KEYSET RING TONE</u></a>
827	<a href="#"><u>CRM DSP MODE</u></a>	829	<a href="#"><u>LAN PRINTER PARAMETER</u></a>
802	<a href="#"><u>CUSTOMER ACCESS MMC NUMBER</u></a>	120	<a href="#"><u>LARGE LCD OPTION</u></a>
815	<a href="#"><u>CUSTOMER DATABASE COPY</u></a>	310	<a href="#"><u>LCR CLASS OF SERVICE</u></a>
300	<a href="#"><u>CUSTOMER ON/OFF PER STATION</u></a>	710	<a href="#"><u>LCR DIGIT TABLE</u></a>
210	<a href="#"><u>CUSTOMER ON/OFF PER TENANT</u></a>	713	<a href="#"><u>LCR MODIFY DIGIT TABLE</u></a>
400	<a href="#"><u>CUSTOMER ON/OFF PER TRUNK</u></a>	712	<a href="#"><u>LCR ROUTE TABLE</u></a>
201	<a href="#"><u>CUSTOMER PASSCODE CHANGE</u></a>	711	<a href="#"><u>LCR TIME TABLE</u></a>
315	<a href="#"><u>CUSTOMER SET RELOCATION</u></a>	805	<a href="#"><u>LEVEL &amp; GAIN</u></a>
505	<a href="#"><u>DATE AND TIME ASSIGN</u></a>	860	<a href="#"><u>LICENSE</u></a>
109	<a href="#"><u>DATE/TIME DISPLAY</u></a>	199	<a href="#"><u>LICENSE STATUS</u></a>
515	<a href="#"><u>DAYLIGHT SAVINGS DATE ASSIGN</u></a>	205	<a href="#"><u>LOUD BELL ASSIGN</u></a>
854	<a href="#"><u>DIAGNOSTIC TIME</u></a>	853	<a href="#"><u>MAINTENANCE BUSY</u></a>
724	<a href="#"><u>DIAL NUMBERING PLAN</u></a>	511	<a href="#"><u>MESSAGE WAITING LAMP CADENCE</u></a>
714	<a href="#"><u>DID NUMBER AND NAME TRANSLATION</u></a>	835	<a href="#"><u>MGI DSP OPTION</u></a>
214	<a href="#"><u>DISA ALARM RINGING STATION</u></a>	615	<a href="#"><u>MGI GROUP</u></a>
764	<a href="#"><u>DISA PASSWORD</u></a>	831	<a href="#"><u>MGI PARAMETERS</u></a>
410	<a href="#"><u>DISA TRUNK ASSIGN</u></a>	616	<a href="#"><u>MGI USER</u></a>

327	<a href="#">MMS SERVICE</a>	100	<a href="#">STATION LOCK</a>
328	<a href="#">MOBEX INFO</a>	309	<a href="#">STATION MUSIC ON HOLD ASSIGN</a>
126	<a href="#">MOBEX NUMBER</a>	104	<a href="#">STATION NAME</a>
843	<a href="#">MPS OPTIONS</a>	110	<a href="#">STATION ON/OFF</a>
717	<a href="#">MY AREA CODE</a>	105	<a href="#">STATION SPEED DIAL</a>
823	<a href="#">NETWORK COS</a>	106	<a href="#">STATION SPEED DIAL NAME</a>
824	<a href="#">NETWORK DIAL PLAN</a>	108	<a href="#">STATION STATUS</a>
825	<a href="#">NETWORK OPTIONS</a>	217	<a href="#">STATION PAIR</a>
858	<a href="#">OAS CARD SERVICE</a>	314	<a href="#">STATION/STATION USE ASSIGN</a>
200	<a href="#">OPEN CUSTOMER PROGRAMMING</a>	114	<a href="#">STATION VOLUME</a>
600	<a href="#">OPERATOR GROUP ASSIGN</a>	502	<a href="#">STATION-WIDE TIMERS</a>
302	<a href="#">PICKUP GROUPS</a>	817	<a href="#">STOP MEMORY</a>
890	<a href="#">PORT CLEAR</a>	852	<a href="#">SYSTEM ALARM ASSIGNMENTS</a>
316	<a href="#">PRESET FORWARD NO ANSWER</a>	855	<a href="#">SYSTEM HARDWARE OPTIONS</a>
424	<a href="#">PRI CARD RESTART</a>	804	<a href="#">SYSTEM I/O MODE</a>
430	<a href="#">PRI CONTROL</a>	841	<a href="#">SYSTEM IP OPTION</a>
838	<a href="#">PRIVATE IP ADDRESS</a>	723	<a href="#">SYSTEM KEY PROGRAMMING</a>
818	<a href="#">PROGRAM DOWNLOAD</a>	820	<a href="#">SYSTEM LINK ID ASSIGN</a>
715	<a href="#">PROGRAMMED STATION MESSAGE</a>	861	<a href="#">SYSTEM OPTION</a>
504	<a href="#">PULSE MAKE/BREAK RATIO</a>	705	<a href="#">SYSTEM SPEED DIAL ASSIGN</a>
821	<a href="#">Q-SIG TRUNK</a>	706	<a href="#">SYSTEM SPEED DIAL BY NAME</a>
729	<a href="#">RATE CALCULATION TABLE</a>	501	<a href="#">SYSTEM TIMERS</a>
326	<a href="#">RBT MESSAGE</a>	727	<a href="#">SYSTEM VERSION DISPLAY</a>
868	<a href="#">REMOTE STATION TRANSLATION</a>	500	<a href="#">SYSTEM-WIDE COUNTERS</a>
415	<a href="#">REPORT TRUNK ABANDON DATA</a>	761	<a href="#">TAX RATE SETUP</a>
811	<a href="#">RESET SYSTEM</a>	411	<a href="#">T1 SIGNAL TYPE ASSIGN</a>
608	<a href="#">REVIEW BLOCK ASSIGN</a>	856	<a href="#">TECH PROGRAMMING LOGS</a>
329	<a href="#">RING GROUP</a>	808	<a href="#">T1 PARAMETERS</a>
507	<a href="#">RING PLAN TIME ASSIGN</a>	801	<a href="#">TECHNICIAN PASSCODE CHANGE</a>
208	<a href="#">RING TYPE ASSIGN</a>	800	<a href="#">TECHNICIAN PROGRAM ENABLE</a>
762	<a href="#">ROOM COST RATE</a>	803	<a href="#">TENANT GROUP ASSIGN</a>
721	<a href="#">SAVE STATION KEY PROGRAMMING</a>	117	<a href="#">TEXT MESSAGE</a>
763	<a href="#">SECOND LCR</a>	611	<a href="#">TEXT MESSAGING ALLOW</a>
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## 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 OUTGOING	The keyset cannot make calls outside the system. It can however make and receive intercom calls and receive incoming C.O. calls. When in this mode the HOLD key of a DCS, iDCS, DS, SMT-i or ITP keyset will flash slow RED.
2	LOCKED ALL CALLS	The keyset cannot make or receive any calls. When in this mode the HOLD key of a DCS, iDCS, DS, SMT-i or ITP keyset will light steady RED.

### OPENING DISPLAY

Press TRANSFER 100.  
Display shows.

[201] STN LOCK  
UNLOCKED

**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 (call barring) override and to access the DISA feature.

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

### OPENING DISPLAY

Press TRANSFER 101.  
Display shows.

[ 201 ] PASSCODE  
PASSCODE: \*\*\*\*

**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. This MMC also allows call forward to be set after the destination has been entered.

The OfficeServ 7000 Series systems allow five types of call forwarding: FORWARD ALL, FORWARD NO ANSWER, FORWARD BUSY, FORWARD FOLLOW ME and FORWARD DND. 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. Destinations for forward types 1, 2, 3 and 5 can be internal or external numbers.

0 = FORWARD CANCEL

1 = ALL CALL

2 = BUSY

3 = NO ANSWER

4 = BUSY/NO ANSWER

5 = FORWARD DND

0 = FORWARD CANCEL

This option will cancel any call forwarding set in MMC 102. It will not remove the programmed destination and will not override any preset forward settings in MMC 316.

1 = FORWARD ALL

This option, when set, will forward all calls to the programmed destination. If the programmed destination is a station then that station can call the forwarded station to put calls through.

2 = BUSY

This option, when set, will forward calls to the programmed destination when the forwarded keyset is busy.

3 = NO ANSWER

This option, when set, will forward calls to the programmed destination if the forwarded station does not answer a call before the forward no answer timer in MMC 502 expires.

4 = BUSY/NO ANSWER

This option will activate both the BUSY option and the NO ANSWER option at the same time.

5 = FWD DND

This option will forward all calls to the programmed destination whenever the forwarded station goes into DND.

## MMC: 102

### OPENING DISPLAY

Press TRANSFER 102.  
Display shows.

[201] FORWARD  
0:FORWARD CANCEL

**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 the system administrator to change the answer mode of any keyset or DCS 32 Button Add-On Module (AOM). Each keyset or DCS 32 Button AOM 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 speakerphone. When a C.O. line is transferred to a keyset in Auto Answer, the screened portion of the call will be Auto Answer, but the keyset or AOM will ring when the transfer is complete if the user has not pressed the ANS/RLS key or lifted the handset.
- 2.VOICE: The keyset will not ring. After a short attention tone, callers can make an announcement but the ANS/RLS key or handset must be used to answer calls.

### OPENING DISPLAY

Press TRANSFER 103.  
Display shows.

[201] ANS MODE  
RING MODE

**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 11-character name to identify an individual station.

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 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.

**NOTE:** When the system is connected to an OfficeServ IP-UMS server or is equipped with an SVMi-20E card and **STATION NAME** is set to **YES** in **MMC 704** changes to this MMC will also be saved as the station's voicemail Subscriber Name (provided the station has voicemail).

## • DCS KEYSETS

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

## MMC: 104

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 104.  
Display shows.

[201] STN NAME

**DEFAULT DATA:** NONE

**RELATED ITEMS:** NONE

## 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 (or 000~049 if the SYSTEM SPEED BIN MAX = 950 in MMC 861). Each speed dial number consists of a trunk or trunk group access code followed by a separator and up to 24 digits to be dialed. These dialed digits may consist of 0~9, \* and #. If the system recognizes a valid trunk or trunk group access number, it will automatically insert the separator.

### OPENING DISPLAY

Press TRANSFER 105.  
Display shows.

[201] SPEED DIAL  
00 :

**DEFAULT DATA:**     **NONE**

**RELATED ITEMS:**     [MMC 106 STATION SPEED DIAL NAME](#)  
                              [MMC 606 ASSIGN SPEED BLOCK](#)  
                              [MMC 861 SYSTEM OPTIONS](#)

# MMC: 106 STATION SPEED DIAL NAME

## DESCRIPTION:

Allows an 11-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.

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 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 keypad as the previous character, press the UP key to move the cursor to the right.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ;, ., %, \$, -, <, >, /, =, [ ], @, ^, (, ), \_ , +, { }, |, ;, \, " and ~.

**MMC: 106****• iDCS, DS, SMT-i and ITP KEYSETS**

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

**OPENING DISPLAY**

Press TRANSFER 106.  
Display shows.

[ 201 ] SPEED NAME  
00:

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 105 STATION SPEED DIAL](#)  
                          [MMC 606 ASSIGN SPEED BLOCK](#)

# 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 that will make a general access feature key more specific. The feature keys that can have extenders are listed below.

FEATURE KEY	EXTENDER
ACC	Account code bin (000–999)
BOSS	Boss and Secretary (1–4)
CR	Voice Mail Call Record
CS	UCD Call Status (UCD group number)
DIR	Directory dial by name type (1–3)
DP	Direct Pickup (extension or station group number)
DS	Direct Station Select (station number)
FWRD	Call Forward (0–7)
GCONF	Group Conference (1–5)
GPIK	Group Pickup (01–99)
IG	IN/Out of Group (Station Group Number)
MMPG	Meet Me Page (0–9, *)
MW	Message Waiting (extension or station group #)
NS	Network Station
PAGE	Page (0–9, *)
PARK	Park Orbits (0–9)
RP	Ring Plan (1–6)
RSV	Room Status View (0–4)
SG	Station Group (500–549)
SP	UCD Supervisor (UCD group number)
SPD	Speed Dial (00–49, 500–999)
VT	Voice Transfer (VM Station Group Number)
PMSG	Programmed Station Text Messaging (01–20)
VM	Voice Mail Memo (extension or station group #)

## OPENING DISPLAY

Press TRANSFER 107.  
Display shows first station.

[ 201 ] EXT D:KTS  
01:CALL1

## MMC: 107

**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:

0	PORT #	Cabinet (1~2)/Slot (1~5)/Port (1~16)
1	TYPE	Device Type
2	PICKUP GROUP	None, 01~99
3	SGR	Station Group Number
4	BOSS-SECR	None, 1~4
5	PAGE	None, Page Zone (0 ~4, <b>*</b> )
6	COS NO	COS (1~30) per Ring Plan (01~06)
7	TENANT GROUP	1 or 2

## OPENING DISPLAY

Press TRANSFER 108.  
Display shows first station.

[ 201 ] STN STATUS  
PORT# : C1-S03-P01

DEFAULT DATA:	PORT #:	FOLLOWS HARDWARE POSITION
	TYPE:	DEPENDENT ON CONNECTED DEVICE
	PICKUP GROUP:	NONE
	SGR:	NONE
	BOSS-SECR:	NONE
	PAGE ZONE:	NONE
	COS NUMBER:	01 IN ALL RING PLANS

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](#)

## MMC: 109

## DATE / TIME 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 P.M. as 01:00 |
| 1 = 24 HOUR | Displays 1 P.M. 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 |

### OPENING DISPLAY

Press TRANSFER 109.  
Display shows.

[ 201 ] DAY FORMAT  
COUNTRY: WESTERN

**DEFAULT DATA:**

<b>COUNTRY:</b>	<b>WESTERN</b>
<b>CLOCK:</b>	<b>12 HOUR</b>
<b>DISPLAY:</b>	<b>LOWER CASE</b>

**RELATED ITEMS:**    [MMC 505 ASSIGN DATE AND TIME](#)

**MMC: 110****STATION ON/OFF****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows a user to set miscellaneous options relating to behavior and performance of their keyset. Individual options are defined below.

OPTION	NAME	VALUE		DESCRIPTION
00	AUTO HOLD	1	ON	Automatically hold the current caller before accessing another trunk or CALL key.
		0	OFF	Disconnect the current caller before accessing another trunk or CALL key.
01	NOT AVAILABLE IN THE USA			
02	HEADSET USE	1	ON	Enable headset mode operation.
		0	OFF	Enable handset mode operation.
03	HOT KEYPAD	1	ON	Allow dialing from an idle state.
		0	OFF	Require the user to lift the handset or press the speakerphone key before dialing a number.
04	KEY TONE	1	ON	Generate a tone each time a key is pressed on the keyset.
		0	OFF	Disable key tone generation.
05	PAGE REJOIN	1	ON	Connect to an in-process page after disconnecting a caller.

**MMC: 110**

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	Connect a page only if the keyset is idle at the beginning of the page.
06	RING PREF.	1	ON	Allow the user to answer calls by lifting the handset or pressing the speakerphone button.
		0	OFF	Require users to press a CALL / DT / DS key in order to answer calls.
07	NOT AVAILABLE IN THE USA			
08	AUTO CAMP-ON	1	ON	Automatically camp-on when calling to a busy station.
		0	OFF	Require the user to manually activate the CAMP-ON feature.
09	NOT AVAILABLE IN THE USA			
10	AME PASSCODE	1	ON	Require user to enter their AME password to listen to messages as they are being recorded.
		0	OFF	Messages being recorded will always be audible.
11	DISP SPD NAME	1	ON	Display the Speed Dial bin name instead of the dialed number when calling to a Speed Dial number.
		0	OFF	Display the dialed number when calling to a Speed Dial number.
12	CID REVIEW ALL	1	ON	Store all calls in the CID Review block.
		0	OFF	Store only missed calls in the CID Review block.
13	SECURE OHVA	1	ON	Receive Off-Hook Voice Announce (OHVA) audio through the handset.
		0	OFF	Receive OHVA audio through the speakerphone.
14	NOT AVAILABLE IN THE USA			
15	AUTO ANS CO	1	ON	Automatically answer CO calls when the keyset is set for <b>AUTO ANSWER MODE</b> in <a href="#">MMC 103</a> .
		0	OFF	Do not automatically answer CO calls regardless of <b>AUTO ANSWER MODE</b> setting in <a href="#">MMC 103</a> .

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OPTION	NAME	VALUE		DESCRIPTION
16	ENBLOCK 2LCD <i>This option affects all display phones.</i>	1	ON	Require the user to press SEND to dial the call when <b>2 LINE ENBLOCK</b> is set to <b>ENABLE</b> in <a href="#">MMC 861</a> .
		0	OFF	Dial calls soon as digits are entered.
17	STN NO RING	1	ON	Do not ring on incoming calls, only flash the CALL / DT / DS button.
		0	OFF	On incoming calls ring and flash the CALL / DT / DS button.
18	FEATURE TONE	1	ON	Change dial tone to a higher pitch to indicate that a phone status feature is active (DND, Forward All, Station Lock, etc).
		0	OFF	Disable status feature activation notification tone.
19	RCV GPU INFO	1	ON	Generate a short burst of ring tone when a call rings at another member of the pickup group when <b>PINGRING SERVICE</b> is set to <b>ENABLE</b> in <a href="#">MMC 861</a> .
		0	OFF	Do not ring when another member of the pickup group receives a call.
20	MISSED CALLS <i>This option affects all display phones.</i>	1	ON	Display a notification of missed calls including number of missed calls and the CID of the most recent call missed.
		0	OFF	Do not display missed calls notification screen.
21	NOT AVAILABLE IN THE USA			
22	USE STN RING <i>This option only affects the ITP-5112L and SMT Series wired IP keysets.</i>	1	ON	Allow the user to select a ringtone stored in the keyset instead of a system-generated ringtone.
		0	OFF	Limit ringtone selections to system-generated ringtones found in <a href="#">MMC 111</a> .
23	NOT AVAILABLE IN THE USA			
24	NOT AVAILABLE IN THE USA			

**OPENING DISPLAY**

Press TRANSFER 110  
Display shows

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

## MMC: 110

**DEFAULT DATA:**    OfficeServ 7200 and OfficeServ 7400:

**AUTO HOLD:**            OFF

OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S:

**AUTO HOLD:**            ON

All OfficeServ Systems:

<b>HEADSET USE:</b>	<b>OFF</b>	<b>CID REVIEW ALL:</b>	<b>ON</b>
<b>HOT KEYPAD:</b>	<b>ON</b>	<b>SECURE OHVA:</b>	<b>ON</b>
<b>KEY TONE:</b>	<b>ON</b>	<b>AUTO ANS CO:</b>	<b>OFF</b>
<b>PAGE REJOIN:</b>	<b>ON</b>	<b>ENBLOCK 2LCD:</b>	<b>OFF</b>
<b>RING PREF. :</b>	<b>ON</b>	<b>STN NO RING:</b>	<b>OFF</b>
<b>AUTO CAMP-ON:</b>	<b>OFF</b>	<b>FEATURE TONE:</b>	<b>OFF</b>
<b>AME PASSCODE:</b>	<b>OFF</b>	<b>RCV GPU INFO:</b>	<b>OFF</b>
<b>DISP SPD NAME:</b>	<b>OFF</b>	<b>MISSED CALLS:</b>	<b>OFF</b>
<b>USE STN RING:</b>	<b>OFF</b>		

**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 keypad is pressed.

### OPENING DISPLAY

Press TRANSFER 111.  
Display shows.

[201] RING TONE  
SELECTION 5

**DEFAULT DATA:**    **FREQUENCY 5**

**RELATED ITEMS:**    [MMC 114 KEYSET VOLUME](#)

## MMC: 112

## ALARM CLOCK

### DESCRIPTION:

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any analog 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. In the case of Secondary Pair assignments (MMC 217) the alarm only rings the station that is programmed and does not ring the paired station.

Entry	Alarm Type
Dial 0	NOTSET
Dial 1	TODAY
Dial 2	DAILY

### OPENING DISPLAY

Press TRANSFER 112.  
Display shows.

[ 201 ] ALM CLK ( 1 )  
HHMM: ➔ NOTSET

**DEFAULT DATA:**    **ALARMS ARE NOTSET**

**RELATED ITEMS:**    **NONE**

## MMC: 114

## STATION VOLUME

### DESCRIPTION:

Allows the station user or system administrator to set the ring volume, off hook ring volume, handset receive volume, speaker volume, background music volume and page volume for any or all keysets.

- |   |              |   |
|---|--------------|---|
| 0 | RING VOLUME  | This is the volume setting for the keyset ringer. There are eight volume levels: level 1 is the lowest and level 8 the highest.   |
| 1 | OFF-RING VOL | This is the volume of the alert tone that tells you there is a call camped on to your keyset. There are eight volume levels: level 1 is the lowest and level 8 the highest.                             |
| 2 | HANDSET VOL  | This is the volume setting for conversations on the handset receiver. There are eight volume levels: level 1 is the lowest and level 8 the highest.   |
| 3 | SPEAKER VOL  | This is the receive volume setting for conversations on the speaker phone of a keyset. There are 16 volume levels: level 1 is the lowest and level 16 the highest.                                      |
| 4 | BGM VOLUME   | This is the volume you will hear background music over the keyset speaker at when your keyset is idle and BGM is turned on. There are 16 volume levels: level 1 is the lowest and level 16 the highest. |
| 5 | PAGE VOLUME  | This is the volume you will hear internal page over the keyset speaker when your keyset is idle and BGM is turned on. There are 16 volume levels: level 1 is the lowest and level 16 the highest.       |

### OPENING DISPLAY

Press TRANSFER 114.  
Display shows.

[201] STN VOLUME  
RING VOLUME : 4

## MMC: 114

**DEFAULT DATA:**

- RING VOLUME: 4**
- OFF-HOOK RING VOLUME: 4**
- HANDSET VOLUME: 4**
- SPEAKER VOLUME: 13**
- BGM VOLUME: 13**
- PAGE VOLUME: 13**

**RELATED ITEMS:** [MMC 111 KEYSER RING TONE](#)

## MMC: 115 SET PROGRAMMED MESSAGE

### DESCRIPTION:

Allows a display keyset user to program and set a Programmed Message at their station. Message 01~15 are pre-programmed. Each display keyset user can create their own individual programmed messages, 16~20.

Note: The System Administrator can program and set messages for any or all keysets by selecting the extension number first, then the message number 01~20.

### OPENING DISPLAY

Press TRANSFER 115.  
Display shows.

[ 201 ] PGMSG (00)  
CANCEL PGM MSG

**DEFAULT DATA:** NO MESSAGES SELECTED  
MESSAGES 16~20 ARE "BLANK" FOR EACH STATION

**RELATED ITEMS:** [MMC 715 PROGRAMMED MESSAGE](#)  
[MMC 722 STATION KEY PROGRAMMING](#)  
[MMC 723 SYSTEM KEY PROGRAMMING](#)

# MMC: 116

## ALARM REMINDER

### DESCRIPTION:

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any digital station, MMC 112 must be used for analog stations. 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.

ENTRY	ALARM TYPE
DIAL 0	NOTSET
DIAL 1	TODAY
DIAL 2	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 message. Pressing the "A" key will change the letter from upper case to lower case.

### • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ?, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 116

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 116.  
Display shows.

[ 201 ] ALM REM ( 1 )  
HHMM: →NOTSET

**DEFAULT DATA:**    **ALARMS ARE NOTSET**

**RELATED ITEMS:**    **NONE**

# MMC: 117

# TEXT MESSAGE

## DESCRIPTION:

This program allows the user to create or modify 16 character text messages for their personal use in response to an off-hook voice announcement (OHVA). Only the stations set to use text messaging in MMC 611 can create and use text messages. Each station can have up to 10 text messages.

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 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.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ;, ?, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 117

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 117.  
Display shows.

[201] TXTMSG (01)  
Blank Message

**DEFAULT DATA: BLANK MESSAGE**

**RELATED ITEMS:** [MMC 611 ALLOW TEXT MESSAGING](#)

# MMC: 118

# CONFERENCE GROUP

## DESCRIPTION:

This program defines the conference groups. Only SMT-i5210, SMT-i5220, SMT-i5230, SMT-i5243, ITP 5012L or ITP 5112L keysets and OfficeServ Softphone users that are set to use conference groups in Program 612 can access this MMC. One station can have up to 5 conference groups. The maximum number of members for one conference group will be 4, excluding the station itself. In this MMC you assign each conference group a name, and then enter up to four members in each group. You can build up to 5 groups.

Conference group names 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 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.

### • ITP, SMT-i KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

## MMC: 118

### OPENING DISPLAY

Press TRANSFER 118.  
Display shows your station number and  
the first group selection.

[ 201 ] GRP ( 1 ) NAME

**DEFAULT DATA:    NONE**

**RELATED ITEMS:**    [MMC 612: ALLOW GROUP CONFERENCE](#)  
**OfficeServ EasySet—Conference Button**

### NOTES:

1. Any keyset not assigned in MMC 612 will receive the following display:  
**[XXXX] CONF GROUP  
NOT PERMITTED**
2. EasySet can be used to program Conference Groups for any 5012L or 5112L, SMT-i5210, SMT-i5220, SMT-i5230, SMT-i5243, or OfficeServ phone. Users will find it more intuitive.

**MMC: 119****CALLER ID / ANI DISPLAY****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows a user to configure the information displayed on their keyset during the life of a call. Users can set what to display on the first and second lines of the display during a ringing call, the second line of a call in process (the second line will always be the softkey menu), the format of CO line displays, and determine whether to show a call timer or call cost display. The options available are detailed below.

**NOTE:** If **RING LINE2** is set to the same value as **RING LINE1** the display will attempt to locate a suitable bottom line display to match the top line. For example, if both fields are set to **CLI NUMBER FIRST** the top line will show CID number and the bottom line will show CID name. Due to the number of possible variations these combinations are not documented.

OPTION	NAME	VALUE	DESCRIPTION
0	RING LINE1 <i>This option sets the top line of the display for a ringing call.</i>	0 NO DISPLAY	Prevents any data from being shown. Display will instead read "no CID display"
		1 CLI NUMBER FIRST	Display the CID number (if received).
		2 CLI NAME FIRST	Display the CID name (if received).
		3 DDI NUMBER FIRST	Display the DID number of the call.

## MMC: 119

OPTION	NAME	VALUE	DESCRIPTION
		4 DDI NAME FIRST	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called to.
		5 GROUP NAME FIRST	Display the name from <a href="#">MMC 602</a> that is associated with the group the caller called in to. If the call is not a group call the top line of the display will show the data from <b>RING LINE2</b> and the bottom line will read "XXXX:RINGING" where XXXX is the CO Line number.
		6 DDI NUMBER/NAME	Display the DID number the caller called in to followed by a forward slash (/) and the associated name from <a href="#">MMC 714</a> .
		7 DDI NAME/NUMBER	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called in to followed by a forward slash (/) and the DID number.
1	RING LINE2 <i>This option sets the bottom line of the display for a ringing call.</i>	0 NO DISPLAY	Prevents any data from being shown. Display will instead read "no CID display"
		1 CLI NUMBER FIRST	Display the CID number (if received).
		2 CLI NAME FIRST	Display the CID name (if received).
		3 DDI NUMBER FIRST	Display the DID number of the call.
		4 DDI NAME FIRST	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called to.
		5 GROUP NAME FIRST	Display the name from <a href="#">MMC 602</a> that is associated with the group the caller called in to. If the call is not a group call the top line of the display will show the data from <b>RING LINE2</b> and the bottom line will read "XXXX:RINGING" where XXXX is the CO Line number.
		6 DDI NUMBER/NAME	Display the DID number the caller called in to followed by a forward slash (/) and the associated name from <a href="#">MMC 714</a> .

## MMC: 119

OPTION	NAME	VALUE	DESCRIPTION
		7 DDI NAME/NUMBER	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called in to followed by a forward slash (/) and the DID number.
2	CONV INCOM  <i>This option sets the top line of the display after the call has been answered. The bottom line of the display will always be the softkey menu.</i>	0 CLI NUMBER FIRST	Display the CID number (if received).
		1 CLI NAME FIRST	Display the CID name (if received).
		2 DDI NUMBER FIRST	Display the DID number of the call.
		3 DDI NAME FIRST	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called to.
		4 CLI NUMBER/DDI	Display the CID number followed by a forward slash (/) and the DID number the caller called in to.
		5 CLI NAME/DDI	Display the CID name followed by a forward slash (/) and the DID number the caller called in to.
		6 DDI NUMBER/NAME	Display the DID number the caller called in to followed by a forward slash (/) and the associated name from <a href="#">MMC 714</a> .
		7 DDI NAME/NUMBER	Display the name from <a href="#">MMC 714</a> that is associated with the DID the caller called in to followed by a forward slash (/) and the DID number.
		8 TRUNK NUMBER	Display only the CO Line number for inbound calls and the CO Line number followed by the dialed number for outbound calls.
3	TRUNK DISP  <i>This option sets the display format of the <b>CONV INCOM</b> data.</i>	0 TRUNK:DIGIT	Display the CO Line number followed by a colon (:) and the selected information (ie – 7001:JOHN DOE).
		1 DIGIT ONLY	Display only the selected <b>CONV INCOM</b> data and do not include the CO Line number.

**MMC: 119**

OPTION	NAME	VALUE	DESCRIPTION
4	TIME/COST <i>This option determines if a timer or counter is displayed on the right side of the top line during a call.</i>	0 NO DISPLAY	Do not display any information. The top line of the display will show only the selected <b>CONV INCOM</b> data.
		1 TIME DISPLAY	Show the call timer in the upper right of the display. The timer is in the form MM:SS.
		2 COST DISPLAY	Display the cost of the current call in the form XX.XX. If call costing has not been programmed no display will appear.  <b>NOTE:</b> Call costing can only be programmed when using OfficeServ 7200 or OfficeServ 7400 systems, and only when <b>HOTEL OPERATION</b> is set to <b>ENABLE</b> in <a href="#">MMC 813</a> .

**OPENING DISPLAY**

Press TRANSFER 119  
Display shows first station

**[201] RING LINE1  
CLI NUMBER FIRST**

<b>DEFAULT DATA:</b>	<b>RING LINE1:</b>	<b>CLI NUMBER FIRST</b>
	<b>RING LINE2:</b>	<b>GROUP NAME FIRST</b>
	<b>CONV INCOM:</b>	<b>CLI NAME FIRST</b>
	<b>TRUNK DISP:</b>	<b>TRUNK:DIGIT</b>
	<b>TIME/COST:</b>	<b>TIME DISPLAY</b>

**RELATED ITEMS:** [MMC 312 ALLOW CID / ANI](#)  
[MMC 414 ASSIGN CID / ANI TRUNKS](#)  
[MMC 420 ANI / DNIS OPTIONS](#)  
[MMC 602 STATION GROUP NAME](#)  
[MMC 608 ASSIGN REVIEW BLOCKS](#)  
[MMC 714 DID DIGITS](#)  
[MMC 728 CID / ANI TRANSLATION TABLE](#)

# MMC: 120

# LARGE LCD OPTION

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the user to configure various options for their ITP-5112L or SMT-i Series wired IP keyset, OfficeServ Softphone, or OfficeServ Communicator Softphone Mode extension. This includes such options as enabling video calls or changing the idle display.

OPTION	NAME		VALUE	DESCRIPTION
0	IDLE DISP <i>This setting affects ITP-5112L keysets only</i>	0	CALENDAR	Show the Calendar when the keyset is idle.
		1	INFORMATION	Show the information configured in <a href="#">MMC 719</a> when the keyset is idle.
1	DS KEY DSP	0	TEL NUMBER	Display DS keys in the format <b>DSXXXX</b> (i.e. <b>DS2001</b> or <b>DS201</b> ).
		1	EXT NAME	Display DS keys as the <b>STATION NAME</b> set in <a href="#">MMC 104</a> for the designated station (i.e. <b>DS2001</b> becomes <b>JOHN DOE</b> ).
2	DIAL MODE	0	ENBLOCK	Require the user to press the <b>Send</b> key in order to place a call (like on a cell phone).
		1	OVERLAP	Process digits as dialed by the user (like a normal wired telephone).
3	CONV DISP <i>This setting affects ITP-5112L</i>	0	SOFT MENU FIRST	During a call display the Softkey menu.

## MMC: 120

OPTION	NAME		VALUE	DESCRIPTION
	<i>keysets only</i>	1	AOM KEY FIRST	During a call display the AOM screen.
4	CALENDAR <i>This setting affects ITP-5112L keysets only</i>	0	CALENDAR	After disconnecting a call return to the Calendar screen.
		1	PREV SCREEN	After disconnecting a call return to the screen that was active before the call was made / received.
5	AOM CURSOR <i>This setting affects ITP-5112L keysets only</i>	00	PREV POSITION	When the AOM screen is launched display the programmable button page that was last active.
		01-99	01-99	When the AOM screen is launched display programmable button page <b>XX</b> .
6	VIDEO MODE <i>This setting does <b>NOT</b> affect ITP-5112L keysets.</i>	0	AUTO START	Start a video call as soon as the call is answered.
		1	MANUAL START	Require the user to manually activate the camera to begin a video call.
7	RING VIDEO <i>This setting does <b>NOT</b> affect ITP-5112L keysets.</i>	0	DISABLE	Do not send video calling capabilities in the call setup message. <i>This setting is recommended when using OfficeServ Softphone or OfficeServ Communicator Softphone Mode with SIP trunks. This is because many SIP providers will reject the call if video capabilities are detected.</i>
		1	ENABLE	When setting up a call alert the remote party that this station has video calling capabilities.

## OPENING DISPLAY

Press TRANSFER 120.  
Display shows.

[201] IDLE DISP  
CALENDAR

## DEFAULT DATA:

IDLE DISP:  
DS KEY DISP:  
DIAL MODE:  
CONV DISP:  
CALENDAR:

CALENDAR  
TEL NUMBER  
OVERLAP  
SOFT MENU FIRST  
CALENDAR

---

**MMC: 120**

<b>AOM CURSOR:</b>	<b>01</b>
<b>VIDEO MODE:</b>	<b>AUTO START</b>
<b>RING VIDEO:</b>	<b>DISABLE</b>

**RELATED ITEMS:**    [MMC 719 SCREEN GUIDE DATA](#)

# MMC: 121 ASSIGN STATION LANGUAGE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the user to set the display language for their station.

OPTION	NAME	DESCRIPTION
00	ENGLISH	Set the language to U.S. English.
01	GERMAN	Set the language to German.
02	PORTUGAL	Set the language to Portuguese.
03	NORSK	Set the language to Norse.
04	DANISH	Set the language to Danish.
05	DUTCH	Set the language to Dutch.
06	ITALY	Set the language to Italian.
07	SPANISH	Set the language to Spanish.
08	SWEDISH	Set the language to Swedish.
09	SPANISH/USA	Set the language to Castilian Spanish.
10	FRENCH/CANADA	Set the language to French Canadian.
11	FINNISH	Set the language to Finnish.
14	TURKEY	Set the language to Turkish.
15	KOREAN	Set the language to Korean.

## MMC: 121

### OPENING DISPLAY

Press TRANSFER 121.  
Display shows.

[201] LANGUAGE  
ENGLISH

**DEFAULT DATA:**    **ALL STATIONS:**    **ENGLISH**

**RELATED ITEMS:**    **NONE**

**MMC: 122**

**SPOT INFO SPD**

**Reserved for Future Use**

# MMC: 125 EXECUTIVE PRESENT STATE

## DESCRIPTION:

When inter-working with EASYSET, the state of executive stations can be displayed. This program sets the present state of executive that the user wants to show. Also, this program allows the executive/secretary function so the user can set the answer mode for when an executive calls up.

Allows the system administrator or technician to change the status of an executive station.

Note: You must assign BOSS/SECRETARY stations using MMC 303 before programming this MMC.

1. EXEC STATE: The text message programmed here is displayed when inter networking with Easyset.
2. STATE (IN): Easyset displays the message programmed here if EXEC STATE is set to "OTHERS (IN)" in item 1 above.
3. STATE (OUT): Easyset displays the message programmed here if EXEC STATE is set to "OTHERS (OUT)" in item 1 above.
4. ANS MODE: When a secretary calls executive station using the BOSS key; the executive station according to the settings for this option.

Status 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 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.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	\$	4

**MMC: 125**

COUNT	1	2	3	4	5
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 the following special characters: #, space, &, !, :, ?, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

- iDCS, DS, SMT-i and ITP KEYSETS**

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

**OPENING DISPLAY**

Press TRANSFER 125.  
Display shows.

**[201] EXEC STATE  
IN THE ROOM**

**DEFAULT DATA: NONE**

**RELATED ITEMS:** [MMC 303 BOSS/SECRETARY](#)

## MMC: 126

## MOBEX NUMBER

### DESCRIPTION: [Available Only with v.4.30 or Higher]

This MMC is used to configure any MOBEX ports that have a Master Station assigned. This is a user programmable MMC that allows the user to set dial strings and other options relating to their MOBEX ports.

**NOTE:** This MMC is password protected with the station passcode from MMC 101. This password protection is bypassed by logging in to technician level programming through MMC 800

**MBR 1 ~ 5:** This is a read only selection that allows you to choose which MOBEX port to configure options for. If there are no MOBEX ports with this station set as **MASTER** in **MMC 328** this MMC will display **NOT PERMIT** after the station passcode is entered.

**TEL:** This option sets the number to dial when this MOBEX port is accessed. You must include a trunk group in the dial string.

**CLI:** This option sets the CLI to associate with this MOBEX port. This option only has an affect if the MOBEX port is set as an Executive user in MMC 328. When set the system will automatically log this user into the MOBEX feature when dialling in to the system on a DID that rings to a destination of the **MOBEX** feature code (set in **MMC 724**) in **MMC 714**.

**DEACT:** This option determines if the MOBEX port is active (**DEACT:NO**) or inactive (**DEACT:YES**). A MOBEX port that is in an inactive state cannot be dialled directly and users attempting to do so will receive an **INVALID NUMBER** error.

### OPENING DISPLAY

Press TRANSFER 126.  
Display prompts you to enter password.  
This is the station passcode set in MMC 101.

[2001]MOBEX NUM.  
PASSCODE: \_

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 328 MOBEX INFO](#)  
[MMC 329 RING GROUP](#)

**MMC: 199****SHOW LICENSE STATUS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This read-only MMC allows a user to confirm the status of various system licenses. License status displays maximum number of licensed users and the number of users currently connected (where applicable). If no licenses are assigned the status for the service will show as "0".

OPTION	NAME	DESCRIPTION
0	MGI LICENSE STS <i>This option is not available on the OfficeServ 7200 or OfficeServ 7400 systems.</i>	Shows the licensed number of embedded MGI channels in the system.
1	VMS LICENSE STS <i>This option is not available on the OfficeServ 7200 or OfficeServ 7400 systems.</i>	Shows the licensed number of embedded Samsung Voicemail (SVM) ports in the system.
4	SOFT PHONE STS	Shows the licensed number ( <b>MAX:</b> ) of OfficeServ Softphone and OfficeServ Communicator Softphone Mode users as well as the number of users currently connected ( <b>USE:</b> ).
5	SIP PHONE STS	Shows the licensed number ( <b>MAX:</b> ) of Samsung SIP phones as well as the number of phones currently connected ( <b>USE:</b> ). <i>Samsung SIP phones are not sold in the US.</i>
6	3RD SIP PHONE	Shows the licensed number ( <b>MAX:</b> ) of 3 <sup>rd</sup> party SIP phones as well as the number of phones currently connected ( <b>USE:</b> ).
7	MOBEX EXECUTIVE	Shows the licensed number ( <b>MAX:</b> ) of Executive MOBEX users. <i>All OfficeServ 7000 Series systems that support MOBEX come equipped with one free MOBEX Executive license.</i>

## MMC: 199

### OPENING DISPLAY

Press TRANSFER 199.  
Display shows.

**SOFT PHONE STS**  
**USE:000 MAX:000**

OfficeServ 7200 and 7400

**MGI LICENSE STS**  
**MAX:000**

OfficeServ 7030, 7100, and 7200-S

### DEFAULT DATA:

#### OfficeServ 7030:

MGI LICENSE STS:	MAX:000
VMS LICENSE STS:	MAX:000
SOFT PHONE:	USE:000 MAX:000
SIP PHONE:	USE:000 MAX:000
3RD SIP PHONE:	USE:000 MAX:000
MOBEX EXECUTIVE:	MAX:001

#### OfficeServ 7100 and OfficeServ 7200-S:

MGI LICENSE STS:	MAX:000
VMS LICENSE STS:	MAX:004
SOFT PHONE:	USE:000 MAX:000
SIP PHONE:	USE:000 MAX:000
3RD SIP PHONE:	USE:000 MAX:000
MOBEX EXECUTIVE:	MAX:001

#### OfficeServ 7200 and OfficeServ 7400:

SOFT PHONE:	USE:000 MAX:000
SIP PHONE:	USE:000 MAX:000
3RD SIP PHONE:	USE:000 MAX:000
MOBEX EXECUTIVE:	MAX:001

RELATED ITEMS: [MMC 841 PHONE VERSION](#)

## MMC: 200 OPEN CUSTOMER PROGRAMMING

### DESCRIPTION:

Used to open (enable) and close (disable) 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.

### OPENING DISPLAY

Press TRANSFER 200.  
Display shows.

**ENABLE CUS.PROG.**  
**PASSCODE :**

**DEFAULT DATA:    DISABLE**

**RELATED ITEMS:**    [MMC 201 CHANGE CUSTOMER PASSCODE](#)  
                          [MMC 501 SYSTEM-WIDE TIMERS](#)  
                          [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.

### OPENING DISPLAY

Press TRANSFER 201.  
Display shows.

**CUST. PASSCODE**  
**NEW CODE: \_**

**DEFAULT DATA:**    **PASSCODE = 1234**

**RELATED ITEMS:**    [MMC 200 OPEN CUSTOMER PROGRAMMING](#)

# MMC: 202 CHANGE FEATURE PASSCODE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the system administrator to set the pass codes used to access certain system features. Pass codes are 4-digit numerical passwords that ensure unauthorized users cannot perform certain actions.

OPTION	NAME	DESCRIPTION
0	RING PLAN	Set the 4-digit pass code used to authenticate users who press an <b>RP</b> or <b>RTO</b> programmable button.
1	DISA ALARM	Set the 4-digit pass code used to authenticate users who attempt to clear a DISA alarm. DISA alarms are generated when the <b>DISA LOCK COUNTER</b> (set in <a href="#">MMC 500</a> ) is exceeded.
5	DELETE <i>This option is only available in OfficeServ 7200 and OfficeServ 7400 systems.</i>	Set the 4-digit pass code used to authenticate users who attempt to delete items from a guest or meeting room bill from the Hotel / Motel feature's room bill.
6	WLAN REGIST	Set the 4-digit pass code used to authenticate users who attempt to access <a href="#">MMC 849</a> .

## OPENING DISPLAY

Press TRANSFER 202.  
Display shows.

**CHANGE PASSCODE**  
**RING PLAN : 0000**

## MMC: 202

**DEFAULT DATA:**

<b>RING PLAN:</b>	<b>0000</b>
<b>DISA ALARM:</b>	<b>5678</b>
<b>DELETE:</b>	<b>9999</b>
<b>WLI REGIST:</b>	<b>0000</b>

**RELATED ITEMS:**

- [MMC 410 ASSIGN DISA TRUNK](#)
- [MMC 500 SYSTEM COUNTERS](#)
- [MMC 507 ASSIGN AUTO NIGHT TIME](#)
- [MMC 849 WLAN CONFIGURATION](#)

## 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 dialed. UA assignment is made in MMC 601 Assign Station Group for a group and then the group is entered here. The device type is automatically determined by the directory number (DN) entered.

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

### OPENING DISPLAY

Press TRANSFER 203.  
Display shows current assignment.

**ASSIGN UA PORT**  
**NONE—NO UA**

**DEFAULT DATA:**     **NONE**

**RELATED ITEMS:**     [MMC 204 COMMON/LOUD BELL CONTROL](#)  
                              [MMC 601 ASSIGN STATION GROUP](#)  
                              [MMC 605 ASSIGN EXTERNAL PAGE ZONE](#)

## MMC: 204

## COMMON BELL CONTROL

### DESCRIPTION:

Determines whether the common bell relay contact has an interrupted or continuous closure when activated. If interrupted is chosen, the relay follows an internal C.O. ring pattern of one second closed followed by three seconds open. By default the common bell relay pair is assigned as 3991 (in MMC 724, under MISC NUM PLAN, MISC FUNCTION 05, COMMON BELL is assigned as 3991).

### OPENING DISPLAY

Press TRANSFER 204.  
Display shows current setting.

[3991] COM. BELL  
CONTINUOUS

**DEFAULT DATA:**    **CONTINUOUS**

**RELATED ITEMS:**    [MMC 203 ASSIGN UA DEVICE](#)  
                          [MMC 601 ASSIGN STATION GROUP](#)  
                          [MMC 724 MISC NUM PLAN](#)

## MMC: 205

## ASSIGN LOUD BELL

### DESCRIPTION:

This MMC is used to pair a station with an audible tone output from the MIS daughterboard. The MIS daughter board loud bell output may be assigned to one station. The default directory number is assigned as follows.

MIS FUNCTION in MMC 724	DEFAULT DN
04	3995

Only a station directory number can be assigned. Station groups are not permitted. The audio ring tone is fixed and can not be changed.

### OPENING DISPLAY

Press TRANSFER 205.  
Display shows current setting.

[3995] LOUD BELL  
RING PAIR : NONE

**DEFAULT DATA:** UNASSIGNED

**RELATED ITEMS:** [MMC 724 DIAL NUMBERING PLAN](#)

## MMC: 206

## BARGE-IN TYPE

### DESCRIPTION:

Sets the type of barge-in that is permitted.

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	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.

### OPENING DISPLAY

Press TRANSFER 206.  
Display shows.

**BARGE IN TYPE**  
**NO BARGE IN**

**DEFAULT DATA:**    **NO BARGE-IN**

**RELATED ITEMS:**    [MMC 301 ASSIGN STATION COS](#)  
                              [MMC 701 ASSIGN COS CONTENTS](#)

## ASSIGN VM/AA PORT

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

This MMC allows the system administrator to designate Single Line Telephone (SLT) ports as **NORMAL PORT** or **VMAA PORT**. VMAA ports are used for 3<sup>rd</sup> party Voicemail systems, and will use the communication settings in [MMC 726](#), and also receive a disconnect signal upon completion of a call.

**NOTE:** Although Samsung Voicemail (SVM) ports do appear in this MMC you should never make changes to these ports in this MMC. The SVM ports are automatically configured properly by the system and any adjustment may cause the SVM service to be interrupted.

[ 209 ]    VMAA   PORT  
NORMAL   PORT

**RELATED ITEMS:**

- [MMC 726 VM/AA OPTIONS](#)
- [MMC 601 STATION GROUP](#)

## MMC: 208

## ASSIGN RING TYPE

### DESCRIPTION:

Provides the flexibility to program single lines to have ICM ringing, C.O. 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 VM/AA ports data; this will return them to a single line port and stop voice mail integration.

- |   |           |
|---|-----------|
| 0 | ICM RING  |
| 1 | CO RING   |
| 2 | DATA RING |

### OPENING DISPLAY

Press TRANSFER 208.  
Display shows.

[ 209 ] RING TYPE  
ICM RING

**DEFAULT DATA:** ICM RING

**RELATED ITEMS:** NONE

## MMC: 209

## ASSIGN ADD-ON MODULE

### DESCRIPTION:

Designates to which keyset a 64 button module is assigned to.

System	Maximum AOM per Station	Maximum AOM per System	
		TDM AOM	IP AOM
OfficeServ 7030	2	Limited by available DLI ports	Limited by available Virtual/IP ports
OfficeServ 7100	2		
OfficeServ 7200-S	2		
OfficeServ 7200	4		
OfficeServ 7400	4		

#### NOTE:

The 64 button modules do not have a speaker or microphone so they will not have the off-hook voice announce option.

### OPENING DISPLAY

Press TRANSFER 209.  
Display shows first AOM.

[ 301 ] AOM MASTER  
MASTER: NONE

**DEFAULT DATA:**    **NONE FOR MASTER**  
                          **OFF FOR OHVAED**

**RELATED ITEMS:**    **NONE**

# MMC: 210 CUSTOMER ON/OFF PER TENANT

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the system administrator to set miscellaneous system feature options for each tenant. Individual options are defined below.

OPTION	NAME	VALUE		DESCRIPTION
00	DISA PSWD	1	ON	Require a user who calls in to a DISA CO Line to enter a password before gaining access.
		0	OFF	Allow users who call a DISA CO Line full feature access without entering a password.
01	LCR ENABLE	1	ON	Enable access to the LCR feature for outbound calls. This requires the assignment of an LCR Feature Code in <a href="#">MMC 724</a> . <i>For more information on the LCR feature see the LCR Programming section of the Special Applications Guide</i>
		0	OFF	Disable access to the LCR feature.
03	PERI UCD RPT	1	ON	Enable the creation of Periodic UCD reports. These reports are configured in <a href="#">MMC 829</a> .
		0	OFF	Disable Periodic UCD Reports

**MMC: 210**

OPTION	NAME	VALUE		DESCRIPTION
04	CID CODE INS	1	ON	Insert a "1" at the beginning of all inbound CID numbers.  This option is used as a part of the callback feature to allow calling to long distance numbers for areas where the CO provider does not provide 11-digit CID numbers.
		0	OFF	Do not insert a "1" for incoming CID numbers.  This setting is used for areas where the CO provider sends an 11-digit CID number.
05	DISA MOH	1	ON	Play Music On Hold audio to the caller from the time a DISA CO Line answers until the caller presses a digit.
		0	OFF	Play dial tone audio to the caller when answering DISA CO Lines.
06	TRANSFER MOH	1	ON	Play Music On Hold audio to a caller while they are being transferred.
		0	OFF	Play ring-back tone audio to a caller while they are being transferred.
08	DID BSY ROUT	1	ON	If <b>CW</b> is set to <b>N</b> in <a href="#">MMC 714</a> send callers to the system operator when the DID destination is busy.
		0	OFF	If <b>CW</b> is set to <b>N</b> in <a href="#">MMC 714</a> return a busy signal to callers when the DID destination is busy.
09	ALARM MOH	1	ON	When an alarm reminder (set in <a href="#">MMC 116</a> ) rings to a keyset, play Music On Hold audio when the user lifts the handset to answer the call.
		0	OFF	When an alarm reminder (set in <a href="#">MMC 116</a> ) rings to a keyset, play dial tone audio when the user lifts the handset.

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
11	ALL PICK UP	1	ON	Allow a user to answer a ringing call for any Pickup Group by dialing the <b>MYGRP</b> K Feature Code assigned in <a href="#">MMC 724</a> .
		0	OFF	Only allow a user to answer calls for their own Pickup Group when dialing the <b>MYGRP</b> K Feature Code assigned in <a href="#">MMC 724</a> .
13	RECALL PIKUP	1	ON	Allow Hold Recall and Transfer Recall calls to be answered by the Direct or Group Pickup features.
		0	OFF	Do not allow Hold Recall or Transfer Recall calls to be answered by the Direct or Group Pickup features.
14	ICM EXT FWD	1	ON	Allow intercom and CO calls to be forwarded to external numbers.
		0	OFF	Allow only CO calls to be forwarded to external numbers.
16	DID ERR TONE	1	ON	Return an error tone when the system receives a call to a DID number that cannot be found in <a href="#">MMC 714</a> .
		0	OFF	When a call is received with a DID that cannot be found in <a href="#">MMC 116</a> route the call to the system operator.
18	KTS DISC ALM <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>	1	ON	Generate an emergency message when a BRI station is disconnected.
		0	OFF	Do not generate any disconnect alarms for BRI stations.
19	OFF HOOK ALM <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>	1	ON	Generate an emergency message when a BRI station goes off-hook.
		0	OFF	Do not generate any off-hook alarms for BRI stations.
24	TRSF CANCEL	1	ON	If a Single Line Telephone user is on a second call and flashes the hook-switch the second party will be disconnected and the user will be connected to the first call.

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	Allow a Single Line Telephone user to handle 2 calls simultaneously by flashing the hook-switch to toggle between them.
32	ISDN PROGCON	1	ON	When making an outbound call on an ISDN PRI circuit treat the second PROGRESS message as if it were a CONNECT message.  This option exists to support aging PRI service devices such as fax servers and should rarely need to be enabled.
		0	OFF	When making an outbound call on an ISDN PRI circuit do not establish a connection until a CONNECT message is received.
34	LCR DIALTONE	1	ON	When a user dials the <b>LCR</b> Feature Code assigned in <a href="#">MMC 724</a> play a special dial tone audio to alert callers they have accessed LCR.
		0	OFF	When a user dials the <b>LCR</b> Feature Code assigned in <a href="#">MMC 724</a> play standard dial tone.
36	DSS KEY DPU	1	ON	Allow user to perform a Direct Pickup of a call ringing to another station by pressing the DS key associated with that station.
		0	OFF	Do not allow Direct Pickup of calls by pressing a DS key.
37	BEGN DGT DSP	1	ON	When a call is made by Speed Dial or LCR and the dialed number is more than 11 digits, display the first 11 digits of the number in the display.
		0	OFF	When a call is made by Speed Dial or LCR and the dialed number is more than 11 digits, display the last 11 digits of the number in the display.
38	ONE TCH FACC	1	ON	Allow use of one-touch Account Code keys. This setting only affects users who have a forced account code assigned in <a href="#">MMC 305</a> .

**MMC: 210**

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	Deny the use of one-touch Account Code keys and force the user to enter an account code manually. This setting only affects users who have a forced account code assigned in <a href="#">MMC 305</a> .
39	SGR ALL OUT	1	ON	Allow all members of a Station Group to log out of the group. This setting does not affect UCD Groups.
		0	OFF	Do not allow all members of a Station Group to log out. The last member of the group to attempt to log out will receive a rejection message. This setting does not affect UCD Groups.
40	CHAIN FWD	1	ON	When a station forwards calls to another station which is forwarded to voicemail route callers to the voicemail box of the second station.
		0	OFF	When a station forwards calls to another station which is forwarded to voicemail route callers to the voicemail box of the first station.
41	TRK MONITER	1	ON	Automatically detect disconnect signals on CO lines and return the keyset to an idle state.
		0	OFF	Do not automatically detect CO disconnect signals. Users must manually hang up CO calls.
42	VOIP MFRALOC	1	ON	Assign a DTMF receiver to the outbound call when a VoIP CO Line is connected to another VoIP CO Line.
		0	OFF	Do not assign DTMF receivers during VoIP CO Line – to – VoIP CO Line connections.
43	NTWK AUTOTMR	1	ON	Display the station call timer (if enabled in <a href="#">MMC 119</a> ) for SPNet networking calls.
		0	OFF	Do not display the call timer for SPNet calls regardless of the configuration of <a href="#">MMC 119</a> .

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
46	PERI UCD SIO	1	ON	Send Periodic UCD data over the UCD data port instead of the PERI UCD port. Port settings are configured in <a href="#">MMC 829</a> .
		0	OFF	Send Periodic UCD data over the PERI UCD port configured in <a href="#">MMC 829</a> .
48	REDIAL REVW	1	ON	Allow the user to review/edit the number before dialing when the Redial feature is activated. The user must manually choose to dial the number.
		0	OFF	Automatically dial the last number when the Redial feature is activated. The user does not have the opportunity to review the number, but does not have to press an extra key to redial a number.
53	PRE FWD BUSY	1	ON	The Pre-Set Forward No-Answer destination set in <a href="#">MMC 316</a> will act as a Pre-Set Forward Busy destination also.
		0	OFF	Do not allow a Pre-Set Forward Busy destination to be set.
54	ORG DIAL LOG	1	ON	Store all number dialed in the outbound call logs, including invalid numbers and feature codes dialed.
		0	OFF	Store only valid internal station or external calls in the outbound call logs.
55	TIE TRSF RCL <i>This option is not available on the OfficeServ 7030, 7100, or 7200-S systems</i>	1	ON	Apply the Transfer Recall timer from <a href="#">MMC 501</a> to calls being transferred to another CO Line. If the call isn't answered by the expiration of the timer the recall to the transferring station.
		0	OFF	Do not allow calls being transferred to another CO Line to recall back to the system.

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
56	VOIP REALRBT	1	ON	Directly connect a user who is calling a VoIP CO Line to the VoIP CO Line. Ringback will be generated by the VoIP CO instead of the OfficeServ system.
		0	OFF	Generate local ringback tones to play to the user making a call to a VoIP CO Line. This allows slightly better ringback tone quality and slightly lowers IP traffic.
58	CO-CO TM ALL	1	ON	Apply the CO-CO Disconnect timer from <a href="#">MMC 501</a> to all unsupervised CO Line conferences on all circuit types, including SPNet calls.
		0	OFF	Only apply the CO-CO Disconnect timer to analog, T1, and ISDN PRI circuits. Do not affect SPNet calls.
60	SMDR LOG ALL <i>This option is not available on the OfficeServ 7030, 7100, or 7200-S systems</i>	1	ON	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> log all call events to SMDR, even those from administrative phones.
		0	OFF	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> log only room phone call events to SMDR.
61	NO ITEM COST <i>This option is not available on the OfficeServ 7030, 7100, or 7200-S systems</i>	1	ON	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> allow front desk personnel to bypass entering any item codes during check-in.
		0	OFF	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> require at least one item code to be entered during check-in.
62	SMDR AUT2ACC	1	ON	Print Authorization codes to the Account code field of SMDR instead of the AUTH field. This allows the use of Authorization codes over 4 digits.
		0	OFF	Print Authorization codes to the AUTH field of the SMDR report. Authorization codes must be 4 digits or less.
64	IPNW REAL RB	1	ON	Directly connect a user who is making an SPNet call to the SPNet CO Line. Ringback will be generated by the remote system instead of the local OfficeServ system.

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	Generate local ringback tones to play to the user making an SPNet call. This allows slightly better ringback tone quality and slightly lowers network traffic.
66	TRK AUTO MOH	1	ON	Automatically answer CO Line calls and connect the callers to the Music On Hold source specified in <a href="#">MMC 408</a> until answered by a user.
		0	OFF	Send ringback tone to CO Line callers until answered by a user.
67	TRSF VT KEY	1	ON	Treat calls transferred to a voicemail group as if they were transferred by the VT key.
		0	OFF	Treat calls transferred to voicemail normally and require the VT key to be used to achieve a voicemail transfer.
68	PAIR NO RING	1	ON	When a call rings to a station that is paired to another station in <a href="#">MMC 217</a> , do not ring the secondary station.
		0	OFF	When a call rings to a station that is paired to another station in <a href="#">MMC 217</a> , ring both the primary and secondary stations.
69	DISA NO ACT	1	ON	When the <b>DISA NO ACT</b> timer in <a href="#">MMC 501</a> expires during a DISA CO Line call, send the user to the Ring Destination specified in <a href="#">MMC 406</a> .
		0	OFF	When the <b>DISA NO ACT</b> timer in <a href="#">MMC 501</a> expires during a DISA CO Line call disconnect the user.
70	ICM AUTOHOLD	1	ON	Allow intercom calls to auto-hold according to the <b>AUTO HOLD</b> setting in <a href="#">MMC 110</a> .
		0	OFF	Do not allow intercom calls to automatically hold.
73	DTMF TO S0 <i>This setting has no effect in</i>	1	ON	Assign DTMF receivers to ISDN BRI stations to allow dialing from these stations.

## MMC: 210

OPTION	NAME	VALUE		DESCRIPTION
	<i>US software as BRI circuit cards are not supported</i>	0	OFF	Do not assign DTMF receivers to ISDN BRI stations. These stations will be allowed inbound calls only.
74	STNHOLD PICK	1	ON	Allow calls that are on hold at a station to be picked up through use of the Direct Pickup feature.
		0	OFF	Prevent calls on hold at a station from being picked up by other users.
75	AREA DELETE	1	ON	Automatically delete that area code before dialing from the phonebook.
		0	OFF	Dial directly from the phonebook without first altering the number.
76	ELCR DIALTON	1	ON	When a user dials one of the 4 <b>E-LCRX</b> Feature Codes assigned in <a href="#">MMC 724</a> play a special dial tone audio to alert callers they have accessed E-LCR.
		0	OFF	When a user dials one of the 4 <b>E-LCRX</b> Feature Codes assigned in <a href="#">MMC 724</a> play standard dial tone.
79	HOLD ID SEND	1	ON	When a user transfers a caller to an outside line (such as a MOBEX user or a different office) send the caller ID of the transferred party to the CO line.
		0	OFF	When a user transfers a caller to an outside line (such as a MOBEX user or a different office) send the caller ID of the user to the CO line.
83	3.1K W/O HLC	1	ON	If no HLC data is received on an incoming ISDN PRI Call interpret the call as 3.1K AUDIO.
		0	OFF	If no HLC data is received on an incoming ISDN PRI Call interpret the call as VOICE.
84	AOC CALLCOST	1	ON	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> and the CO service is on an ISDN PRI circuit cost calls according to the Advice of Charge (AOC) data provided by the CO.

**MMC: 210**

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> ignore AOC information provided on ISDN PRI circuits.
85	CHKIN RESTRC	1	ON	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> restrict room phones from outbound dialing after check-in until a phone deposit is posted to the room.
		0	OFF	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> allow outbound dialing from room phones immediately after check-in.
86	CHECK-IN FAC	1	ON	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> require an account code to be entered for a room phone to dial a CO Line.
		0	OFF	When <b>HOTEL SERVICE</b> is enabled in <a href="#">MMC 813</a> allow room phones to dial CO Lines without entering an account code.

**OPENING DISPLAY**

Press TRANSFER 210  
Display shows

**TEN. ON AND OFF**  
**DISA PSWD :OFF**

**DEFAULT DATA:**     OfficeServ 7200 and OfficeServ 7400:

**DSS KEY DPU:**            **OFF**

OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S:

**DSS KEY DPU:**            **ON**

All OfficeServ Systems:

<b>DISA PSWD:</b>	<b>ON</b>	<b>REDIAL REVW:</b>	<b>OFF</b>
<b>LCR ENABLE:</b>	<b>OFF</b>	<b>PRE FWD BUSY:</b>	<b>OFF</b>
<b>PERI UCD RPT:</b>	<b>OFF</b>	<b>ORG DIAL LOG:</b>	<b>OFF</b>
<b>CID CODE INS:</b>	<b>ON</b>	<b>TIE TRSF RCL:</b>	<b>ON</b>
<b>DISA MOH:</b>	<b>OFF</b>	<b>VOIP REALRBT:</b>	<b>OFF</b>
<b>TRANSFER MOH:</b>	<b>OFF</b>	<b>CO-CO TM ALL:</b>	<b>OFF</b>
<b>DID BSY ROUT:</b>	<b>OFF</b>	<b>SMDR LOG ALL:</b>	<b>OFF</b>

## MMC: 210

ALARM MOH:	OFF	NO ITEM COST:	OFF
ALL PICK UP:	OFF	SMDR AUT2ACC:	OFF
RECALL PIKUP:	ON	IPNW REAL RB:	OFF
ICM EXT FWD:	OFF	TRK AUTO MOH:	OFF
DID ERR TONE:	OFF	TRSF VT KEY:	ON
KTS DISC ALM:	OFF	PAIR NO RING:	OFF
OFF HOOK ALM:	OFF	DISA NO ACT:	OFF
TRSF CANCEL:	OFF	ICM AUTOHOLD:	OFF
ISDN PROGCON:	OFF	DTMF TO S0:	OFF
LCR DIALTONE:	OFF	STNHOLD PICK:	OFF
BEGN DGT DSP:	ON	AREA DELETE:	OFF
ONE TCH FACC:	ON	ELCR DIALTON:	OFF
SGR ALL OUT:	ON	HOLD ID SEND:	OFF
CHAIN FWD:	ON	3.1K W/O HLC:	OFF
TRK MONITER:	ON	AOC CALLCOST:	OFF
VOIP MFRALOC:	OFF	CHKIN RESTRC:	OFF
NTWK AUTOTMR:	OFF	CHECK-IN FAC:	OFF
PERI UCD SIO:	OFF		

### RELATED ITEMS:

LCR PROGRAMMING  
MOH PROGRAMMING  
CID PROGRAMMING  
[MMC 714 DID TRANSLATION TABLES](#)  
VMAA PROGRAMMING  
[MMC 303 ASSIGN BOSS/SECRETARY](#)  
[MMC 410 ASSIGN DISA TRUNK](#)

## MMC: 211

## DOOR RING ASSIGNMENT

### DESCRIPTION:

Designates which station or group of stations will ring when a door box button is pressed. If the ring plan destinations are not input the default ring plan 1 is used. Available Ring Plan inputs are 1 through 6.

DEVICE	DEFAULT DN
3 Digit Station	201–299, 301–349
3 Digit Station group	500–549
4 Digit Station	2001–2150
4 Digit Station group	5001–5049

### OPENING DISPLAY

Press TRANSFER 211.  
Display shows first door phone.

<b>[229]</b>	<b>DOOR RING</b>
<b>1:500</b>	<b>2:500</b>

**DEFAULT DATA:**    **STATION GROUP 500**

**RELATED ITEMS:**    **NONE**

## MMC: 214 DISA ALARM RINGING STATION

### DESCRIPTION:

This MMC is used to assign the DISA alarm to ring at a specific phone. It is recommended that the person who can clear the alarm also receives the notification. There can be two distinct stations for notification. A valid destination can be either a station group or an individual station. The alarm ringing station or group will follow the ring plan time destination.

### OPENING DISPLAY

Press TRANSFER 214.  
Display shows.

DISA ALARM RING	
1:500	2:500

**DEFAULT DATA:**    **ALL RING PLAN :500**

**RELATED ITEMS:**    [MMC 202 CHANGE FEATURE PASSCODES](#)  
                          [MMC 410 ASSIGN DISA TRUNK](#)

# MMC: 217

# STATION PAIR

## DESCRIPTION:

Assigns a secondary station to a keyset. This secondary station can be a keyset, a single line port, an AOM or ITP phone. It is recommended that the extension number for the secondary station should be blocked from receiving direct intercom calls in MMC 314 to prevent the secondary station being accidentally called. The secondary station assumes the COS (Class of Service), LCR COS, and DND attributes of the primary station.

Note:

1. If the COS is changed for either station in MMC 301 the change affects both stations.
2. Secondary stations when dialed will also ring the primary extension.
3. Message from secondary extension will display that (secondary) extension numbers. Callback to extension (secondary) as well.

## OPENING DISPLAY

Press TRANSFER 217.  
Display shows.

**[ 201 ] PRIMARY**  
**SECONDARY : NONE**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:**    [MMC 102 STATION FORWARDING](#)  
                          [MMC 301 STATION COS](#)  
                          [MMC 310 LCR CLASS OF SERVICE](#)

## MMC: 219 TRAFFIC REPORT PRINTOUT

### DESCRIPTION:

This MMC is used to print a traffic report and select options. The traffic report can be printed upon demand, every hour, at a programmed time of each day, or up to three separate timed shifts. Automatic printing will always clear the totals.

When MANUAL PRINTOUT is selected, the options are:

- **PRINT AND CLEAR:** A report is printed and all totals are reset to 0.
- **PRINTOUT ONLY:** A report is printed and all the totals are saved.
- **CANCEL PRINTOUT:** The program can be exited here if no report is needed.

When AUTO PRINT OPTN is selected, the options are:

- **AUTO PRINT OFF:** Reports are not automatically printed.
- **DAILY HHMM:2359** A report is printed at this programmable time every day and all the totals are reset to "0."
- **EVERY HOUR MM:00** A Traffic report will be printed every hour at this time
- **THREE TIME SHIFT:** Up to three separate Start and End times may be programmed to report traffic within certain times of a day. A report is printed at the end of each End time and all totals are reset to "0."

When a report is printed, the totals represent call statistics accumulated from the date of the last report stated as BEGINNING: D & T up to the date of this printout stated as ENDING D & T. See the sample report at the end of this MMC.

If there are no trunks in a group, the trunk group report for that group will not print.

### OPENING DISPLAY

Press TRANSFER 219.  
Display shows.

**TRAFFIC REPORT  
MANUAL PRINTOUT**

**DEFAULT DATA:** NO REPORT

**RELATED ITEMS:** [MMC 829 LAN PRINTER OPTIONS](#)

# MMC: 221

# EXTENSION TYPE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

*This is a Hotel / Motel specific MMC. When **HOTEL SERVICE** is set to **DISABLE**, in **MMC 813**, this MMC will display an error that reads "HOTEL DISABLED".*

**NOTE:** Although this MMC is available in the OfficeServ 7030 it cannot be used as **HOTEL SERVICE** cannot be enabled on the MP03 processor. **HOTEL SERVICE** may only be enabled on the OfficeServ 7200 and OfficeServ 7400 systems.

This MMC allows the system administrator to assign the usage type of stations in the Hotel / Motel environment. Each station can be designated as one of five types described below.

OPTION	NAME	DESCRIPTION
0	NORMAL STATION	The phone will operate as a non-guest station when assigned as this type. It will not be subject to any Hotel/Motel restrictions.  Ports designated as VMAA in <a href="#">MMC 207</a> must be designated as <b>NORMAL STATION</b> .
1	GUEST SMOKING	The phone will appear in room status and check-in as a smoking room. It will also be subject to room billing structures and other Hotel/Motel restrictions.
2	GUEST NO SMOKING	The phone will appear in room status and check-in as a non-smoking room. It will also be subject to room billing structures and other Hotel/Motel restrictions.
3	MEETING ROOM	The phone will have the same attributes as guest rooms, but will not be available in room status lists.
4	ADMINISTRATOR	This phone can operate Hotel/Motel features such as check in, check out, etc.
5	FAX STATION	This phone will be used as a fax machine.

## MMC: 221

**Note:** Each station type has a pre-designated Class-Of-Service (COS) associated with it. Administrator and Normal stations will be assigned COS1. Meeting rooms will automatically be assigned COS2 and guest rooms will automatically be assigned COS3. COS2 and COS3 have been configured with limited options appropriate for the specific type of room, (these pre-configured options may be changed by the technician, as desired).

### OPENING DISPLAY

Press TRANSFER 221  
Display shows

[201] PHONE USE  
NORMAL STATION

**DEFAULT DATA:**    **ALL STATIONS:**    **NORMAL STATION**

**RELATED ITEMS:**    [MMC 222 FAX PAIR](#)  
                              [MMC 813 USE HOTEL MODE](#)

## MMC: 222

## FAX PAIR

### DESCRIPTION:

*This is a Hotel / Motel software specific MMC.*

This program associates the extension number for a fax station in a guest room with the room extension number so calls can be billed to the room.

### OPENING DISPLAY

Press TRANSFER 222.  
Display shows.

[217] FAX PAIR  
NONE

**DEFAULT DATA: NONE**

**RELATED ITEMS:**    [MMC 221 EXTENSION TYPE](#)

# MMC: 223

# ISDN SERVICE TYPE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

**NOTE:** Although this MMC is available in the OfficeServ 7030 it has no effect as the 7030 does not provide ISDN trunk service.

This MMC allows the system administrator to assign the ISDN service type of Single Line Telephone (SLT) ports. Services consist of BC (Bearer Capability) and HLC (High Layer Capability). These settings ensure that the ISDN signaling is properly formatted for the device attached to the SLT port.

OPTION	NAME	DESCRIPTION	BC	HLC
0	VOICE	Configure the port for standard voice.	Speech	Telephony
1	FAX3	Configure the port for fax machine service.	3.1kHz Audio	FAX G2/G3
2	AUDIO 3.1	Configure the port for music or other audio sources.	3.1kHz Audio	NONE
3	MODEM	Configure the port for MODEM service.	3.1kHz Audio	Telephony

## OPENING DISPLAY

Press TRANSFER 223.  
Display shows.

[209] ISDN SVC  
VOICE

**DEFAULT DATA:**      **ALL SLT PORTS:**      **VOICE**

**RELATED ITEMS:**      **NONE**

# MMC: 224

# AUDIO PROMPT

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC is used to program various audio prompting features in the system. This includes audio prompting for Wake-Up Call announcements and audio ringback tones. A Samsung Voicemail is required to make use of this MMC.

**NOTE:** Wake-Up Calls can only be set as a part of the Hotel / Motel feature, which is available only on the OfficeServ 7200 and OfficeServ 7400 systems.

**NOTE:** The **VCS STN GRP** option is only available on an OfficeServ 7200 system using an MP20 processor or an OfficeServ 7400 system and is reserved for future use with no effect in current software.

OPTION	NAME	DESCRIPTION
0	STN GROUP	Determines which station group will be connected when a Wake-Up call is answered. <b><i>This station group chosen must have a type of VMSUCD in <a href="#">MMC 601</a>.</i></b>
1	PROMPT NO.	Determines which message will be played after a Wake-Up call is connected to <b>STN GROUP</b> . This destination can be any recorded prompt from 0001~9999*. There is no default recording used for Wake-Up Calls, a recording must be created manually.  <b><i>*Pre-recorded prompts exist at the following locations: 0001~1004, 5049~5064, 9000~9999. It is recommended that these prompt ranges be avoided when recording the Wake-Up Call prompt.</i></b>
2	GROUP BUSY	Determines which tone source will be connected

**MMC: 224**

		when all members of <b>STN GROUP</b> are busy. This destination can be NONE, TONE or any valid Music On Hold source. <i>If NONE is selected the user will hear silence.</i> <i>If TONE is set then hold tone will be heard.</i>
3	RBT SRC	Determines the station group used to play ringback messages for the Color Ring (set in <a href="#">MMC 400</a> ) and Distinctive Ring (set in <a href="#">MMC 419</a> ) features. <i>This station group chosen must have a type of VMSUCD in <a href="#">MMC 601</a>.</i>
4	VCS STN GRP	Reserved for future use.

**OPENING DISPLAY**

Press TRANSFER 224.  
Display shows.

**AUDIO PROMPT**  
**STN GROUP :NONE**

**DEFAULT DATA:**

<b>STN GROUP:</b>	<b>NONE</b>
<b>PROMPT NO.:</b>	<b>NONE</b>
<b>GROUP BUSY:</b>	<b>NONE</b>
<b>RBT SOURCE:</b>	<b>NONE</b>
<b>VCS STN GRP:</b>	<b>NONE</b>

**RELATED ITEMS:**

- [MMC 326 RINGBACK TONE MESSAGE](#)
- [MMC 400 TRUNK ON AND OFF](#)
- [MMC 419 DISTINCTIVE RINGING](#)
- [MMC 601 STATION GROUPS](#)

**MMC: 225****SIP APPLICATION****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	NO
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:** [Available Only with v.4.30 or Higher]

This MMC is used to set the SIP Application type for ports designated as **SIP APPL** in [MMC 857](#). The available options for Application Type are **UMS SERVICE**, **IVR SERVICE**, and **VCS SERVICE**. The **UMS SERVICE** setting configures the port to be used for the OfficeServ IP-UMS application. The **IVR SERVICE** and **VCS SERVICE** settings are for future use and should not be set.

**OPENING DISPLAY**

Press TRANSFER 225.  
Display shows.

[8601]SIP APPL  
UMS SERVICE

**DEFAULT DATA:**    **ALL PORTS: UMS SERVICE**

**RELATED ITEMS:**    [MMC 857 VIRTUAL CABINETS](#)  
**OfficeServ IP-UMS Application**

# MMC: 300 CUSTOMER ON/OFF PER STATION

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the system administrator to set miscellaneous system feature options for each station. Individual options are defined below.

OPTION	NAME	VALUE		DESCRIPTION
00	ACCESS DIAL	1	ON	Allow the station to dial a trunk or trunk group directly.
		0	OFF	Disable direct trunk dialling. <i>This is the recommended setting when LCR is enabled.</i>
01	MICROPHONE	1	ON	Allow the use of the keyset microphone.
		0	OFF	Disable the keyset microphone. <b>NOTE:</b> The handset microphone is not affected.
02	OFFHOOK RING	1	ON	Emit a short burst of ring tone in addition to flashing the CALL/DT/DS key when a second call rings to the station.
		0	OFF	When a second call rings to the station do not ring, only flash the CALL/DT/DS key.
03	SMDR PRINT	1	ON	Generate SMDR records for this station.

**MMC: 300**

OPTION	NAME	VALUE		DESCRIPTION
		0	OFF	Do not generate SMDR records for this station.
04	TGR ADV.TONE	1	ON	Play a short attention tone when the LCR Route advances from one to another.
		0	OFF	Do not alert the station when the LCR Route advances.
05	VMAA FORWARD	1	ON	Allow CO calls to be forwarded to voicemail.
		0	OFF	Do not allow CO calls to be forwarded to voicemail.
08	INTRCOM SMDR	1	ON	Generate SMDR records for intercom and CO calls for this station.
		0	OFF	Generate SMDR records only for CO calls for this station.
11	FORWARD OVRD	1	ON	For intercom calls ignore the forwarding of other stations.
		0	OFF	Follow forwarding for other stations during intercom calls.
12	RECL TO OPER	1	ON	When a hold or transfer recalls to this station, route the call to the system operator instead after the Attendant Recall Operator timer has expired in MMC 501.
		0	OFF	When a hold or transfer recalls to this station ring the station.
13	SLT LP OPEN <i>This option applies only to Single Line Telephone (SLT) ports.</i>	1	ON	Send a loop-open disconnect signal to the SLT port when the remote party hangs up first.
		0	OFF	Do not send disconnect signals to the SLT port; the port must hang up manually.

## MMC: 300

OPTION	NAME	VALUE		DESCRIPTION
14	NOCOST PRINT <i>This option only takes effect when using OfficeServ 7200 or OfficeServ 7400 systems, and only when <b>HOTEL OPERATION</b> is set to <b>ENABLE</b> in <a href="#">MMC 813</a>.</i>	1	ON	Include calls with a \$0.00 cost on the Guest Room Phone Bill.
		0	OFF	Only include calls with \$0.01 cost or greater on the Guest Room Phone Bill.
15	CID TO SLT <i>This option applies only to Single Line Telephone (SLT) ports.</i>	1	ON	Transmit Caller ID information to the SLT port.
		0	OFF	Prevent Caller ID information from being transmitted to the SLT port.
22	NO RCL FLASH <i>This option applies only to Single Line Telephone (SLT) ports.</i>	1	ON	When the SLT port performs a hook-flash and then hangs up, disconnect the caller.
		0	OFF	When the SLT port performs a hook-flash and then hangs up, recall to the port.
24	RBK STN NAME	1	ON	Display the name of the called station on intercom calls. The display will be in the format "XXXX:YYYYYYYYYYYY" where X is the station number being called and Y is the station name.
		0	OFF	Do not display the station name when making intercom calls. The display will be in the format "XXXX:RINGING" where X is the station number being called.
25	GLISTEN SPKR	1	ON	When the user presses the speakerphone key during a conversation connect the audio to the speakerphone in addition to the headset or handset.
		0	OFF	When the user presses the speakerphone key during a conversation do not connect audio to the speakerphone until the handset or headset have been placed on-hook.

## MMC: 300

### OPENING DISPLAY

Press TRANSFER 300  
Display shows

[201] CUS.ON/OFF  
ACCESS DIAL :ON

### DEFAULT DATA:

OPTION	OS 7030	OS 7100	OS 7200-S	OS 7200	OS 7400
ACCESS DIAL	ON	ON	ON	ON	ON
MICROPHONE	ON	ON	ON	ON	ON
OFFHOOK RING	ON	ON	ON	ON	ON
SMDR PRINT	ON	ON	ON	ON	ON
TGR ADV.TONE	ON	ON	ON	ON	ON
VMAA FORWARD	ON	ON	ON	ON	ON
INTRCOM SMDR	OFF	OFF	OFF	OFF	OFF
FORWARD OVRD	OFF	OFF	OFF	OFF	OFF
RECL TO OPER	OFF	OFF	OFF	OFF	OFF
SLT LP OPEN	ON	ON	ON	OFF	OFF
NOCOST PRINT	OFF	OFF	OFF	OFF	OFF
CID TO SLT	ON	ON	ON	OFF	OFF
NO RCL FLASH	OFF	OFF	OFF	OFF	OFF
RBK STN NAME	OFF	OFF	OFF	OFF	OFF
GLISTEN SPKR	OFF	OFF	OFF	OFF	OFF

RELATED ITEMS: **LCR PROGRAMMING**  
[MMC 710 LCR DIGIT TABLE](#)  
[MMC 711 LCR TIME TABLE](#)  
[MMC 712 LCR ROUTE TABLE](#)  
[MMC 713 LCR MODIFY DIGIT TABLE](#)

## MMC: 301

## ASSIGN STATION COS

### DESCRIPTION:

Used to assign class of service to each keyset. There are 30 different classes of service that are defined in MMC 701, Assign COS Contents. There are 6 ring plans based on the Ring Plan Time in MMC 507 that can apply to the COS. Classes of service are numbered 01–30. Default COS is COS 01.

Note: Check if Secondary Stations are in use MMC 217. Caution should be taken when changing COS for these stations. If either Primary station or Secondary station COS is changed then the “mated” station is also changed.

### OPENING DISPLAY

Press TRANSFER 301.  
Display shows first station.

[ <u>2</u> 01]	STN	COS
1:01	2:01	3:01

**DEFAULT DATA:**     RING PLANS 1-6 = 01

**RELATED ITEMS:**     [MMC 701 ASSIGN COS CONTENTS](#)  
                              [MMC 507 ASSIGN RING PLAN TIME](#)  
                              [MMC 217 SECONDARY STATION](#)

## MMC: 302

## PICKUP GROUPS

### DESCRIPTION:

Allows the assignment of stations into call pickup groups. There are 99 pickup groups in the system. An unlimited number of members can belong to each group. Stations can only be in one pickup group at any given time.

### OPENING DISPLAY

Press TRANSFER 302.  
Display shows.

```
[201] PICKUP GRP  
PICKUP GRP :NONE
```

**DEFAULT DATA:**    **NO PICKUP GROUPS ASSIGNED**

**RELATED ITEMS:**    [MMC 107 KEY EXTENDER](#)  
                          [MMC 722 STATION KEY PROGRAMMING](#)  
                          [MMC 723 SYSTEM KEY PROGRAMMING](#)

## MMC: 303 ASSIGN EXECUTIVE/SECRETARY

### DESCRIPTION:

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

Note: A station designated as BOSS may not be assigned as a Secretary of another Boss.

Activating the DIVERT feature forwards all calls to the SECRETARY. If the feature is activated while receiving a call only that call will be transferred to the SECRETARY.

### OPENING DISPLAY

Press TRANSFER 303.  
Display shows.

**BOSS STN: NONE**  
**SECR 1: NONE**

**DEFAULT DATA:**     **NONE**

**RELATED ITEMS:**     [\*\*MMC 722 STATION KEY PROGRAMMING\*\*](#)

## MMC: 304

## STATION/TRUNK USE

### DESCRIPTION:

This MMC defines which station use groups (defined in MMC 614) can access or answer which trunk use groups. If a station use group is set to NO Dial, members of that station use group will not have the ability to place a call. If the station use group is set to NO Answer, members of that station use group cannot answer an incoming call.

### OPENING DISPLAY

Press TRANSFER 304.  
Display shows.

[001] USE [301]  
DIAL: YES ANS: YES

**DEFAULT DATA:**    DIAL    = YES  
                          ANS     = YES

**RELATED ITEMS:**    [MMC 722 STATION KEY PROGRAMMING](#)  
                          [MMC 723 SYSTEM KEY PROGRAMMING](#)  
                          [MMC 614 ASSIGN USE GROUPS](#)

## ASSIGN FORCED CODE

This MMC allows only one of the four options to be selected; the assignment of account code with verification, account code without verification, authorization codes, or none on a per-station basis or on an all-station basis. The system supports 500 authorization codes and 999 account codes that are verified when account codes verified is selected. If account codes without verification are selected, then there will be no table used.

0	NONE	No Account or Authorization code required (NOT forced strictly voluntary).
1	AUTHORIZE	Forces user to enter a valid four digit Authorization code listed in AUTHORIZATION CODE Table (MMC 707).
2	ACCT VERIFIED	Forces user to enter a valid account code listed in ACCOUNT CODE Table (MMC 708).
3	ACCT NO VERIFIED	Forces user to enter an account code but this code is <b>NOT</b> verified. User can make up any code (any account code up to 12 digits including * and #).

Press TRANSFER 305.  
Display shows.

**[201] FORCD CODE  
NONE**

**DEFAULT DATA: NONE**

**RELATED ITEMS:**    MMC 707 AUTHORIZATION CODE  
                          MMC 708 ACCOUNT CODE

## MMC: 306

## HOT LINE

### DESCRIPTION:

Allows a station the ability to make a predetermined call similar to a ringdown circuit, upon the expiration of a timer (see MMC 502 STN TIMERS, Off-Hook Selection Timer). The hotline destination can be a station, a station group, a trunk, a trunk group or an external number. There can be a maximum of 18 digits in the dial string for the external number. The access code for the trunk or trunk group access code is not counted as part of the 18.

### OPENING DISPLAY

Press TRANSFER 306.  
Display shows.

[201] HOT LINE

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 502 STN TIMERS, OFF-HOOK SELECTION TIMER](#)

## MMC: 308 ASSIGN BACKGROUND MUSIC SOURCE

### DESCRIPTION:

Assigns a background music source to the keysets. There are 2 possible external music source selections (MIS daughter board is required).

These 2 external sources are defined in the MISC Numbering Plan in MMC 724 (MIS 1 and MIS 2). Internal chimes is also available (it is defined in MMC 724 as MISC08, 3761).

If you have an SVM Voice Mail System installed you may also select an SVM recording as a music. The recording must already been defined in MMC 748 and will show up here as the SVM port assigned with the recording.

### OPENING DISPLAY

Press TRANSFER 308.  
Display shows current setting.

[201] BGM SOURCE  
BGM SOURCE:NONE

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 309 ASSIGN STATION MUSIC ON HOLD](#)  
[MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE](#)  
[MMC 724 NUMBER PLAN](#)  
[MMC 748 ASSIGN VMMOH](#)

## MMC: 309 ASSIGN STATION MUSIC ON HOLD

### DESCRIPTION:

Assigns a Music on Hold source to any station. This selection will determine the MOH source you will hear when another station puts you on hold.

If you have a SVM Voice Mail System installed you may also select an SVM recording as a music source. The recording must already been defined in MMC 748 and will show up here as the SVM port assigned with the recording.

The following MOH sources are available:

1. NONE
2. TONE
3. 3761 (INTERNAL CHIMES)†
4. 3762 (EXT. MOH SOURCE #1)\*†
5. 3763 (EXT. MOH SOURCE #2) \*†
6. SVMi PORT # (A DEDICATED SVM MOH PORT ASSIGNED IN MMC 748)

\*: MIS daughter board required.

†: These have the default MISC NUM PLANS in MMC 724.

### OPENING DISPLAY

Press TRANSFER 309.  
Display shows current setting.

[201] STN MOH  
MOH SOURCE:NONE

**DEFAULT DATA:**    **TONE**

**RELATED ITEMS:**    [MMC 308 ASSIGN BACKGROUND MUSIC SOURCE](#)  
                          [MMC 724 MISC NUM PLAN](#)  
                          [MMC 748 ASSIGN VM MOH](#)

## MMC: 310

## LCR CLASS OF SERVICE

### DESCRIPTION:

Assigns the LCR class of service allowed on a per-station, per-trunk basis. There are eight classes which may be assigned. LCR class of service allows specific users to trunk advance up to a matching LCR class of service programmed in MMC 712.

### OPENING DISPLAY

Press TRANSFER 310.  
Display shows.

[201] LCR CLASS  
LCR CLASS 1

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

**RELATED ITEMS:**    **LCR PROGRAMMING**  
[MMC 710 LCR DIGIT TABLE](#)  
[MMC 711 LCR TIME TABLE](#)  
[MMC 712 LCR ROUTE TABLE](#)  
[MMC 713 LCR MODIFY DIGIT TABLE](#)

**MMC: 312****ALLOW CID / ANI****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the system administrator to set whether a user's keyset can send and/or receive Caller ID (CID) information. This MMC sets CID and ANI simultaneously. ANI information is identical to CID information except that time and date stamps are not delivered so it cannot be stored in system CID Review blocks. Each keyset can have the following options:

OPTION	NAME	VALUE		DESCRIPTION
0	RCV	1	YES	The keyset is able to receive, store, and display CID information. In order to store CID information the keyset must also have at least one CID Review block assigned in <a href="#">MMC 608</a> .
		0	NO	The keyset cannot receive, display, or store CID information.
1	SND	1	YES	The keyset will send CID information when making calls. The CID information sent can be set in <a href="#">MMC 321</a> . If there is no entry in <a href="#">MMC 321</a> then the system will notify the CO to provide the main billing number for the particular CO Line.
		0	NO	The keyset will not send CID information when making calls. When the call is made to an ISDN PRI circuit the system will notify the CO that the call should be seen as "withheld" or "restricted".

## MMC: 312

**NOTE:** Caller ID delivery and receipt may require additional hardware and/or software.

### OPENING DISPLAY

Press TRANSFER 312  
Display shows

[ 201 ] CID/ANI  
RCV: YES SND: YES

**DEFAULT DATA:**    **ALL STATIONS:**    **RCV: YES**    **SND: YES**

**RELATED ITEMS:**    [MMC 119 CID / ANI DISPLAY](#)  
                          [MMC 321 SEND CLI NUMBER](#)  
                          [MMC 414 ASSIGN CID / ANI TRUNKS](#)  
                          [MMC 608 CID / ANI BLOCK](#)

## MMC: 313 COPY STATION/TRUNK USE

### DESCRIPTION:

This program allows a technician to copy the contents of a station use group or a trunk use group to a new use group without having to enter all the data again.

### OPENING DISPLAY

Press TRANSFER 313.  
Display shows.

[001] COPY USABLE  
FROM:

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 304 STATION TRUNK USE](#)  
[MMC 614 USE GROUP](#)

## MMC: 314

## STATION/STATION USE

### DESCRIPTION:

This MMC is used to allow or restrict Station Use Groups defined in MMC 614 from making intercom calls to one or more Station Use Groups within the same tenant.

### OPENING DISPLAY

Press TRANSFER 314.  
Display shows.

[001] USE [001]  
DIAL: YES

**DEFAULT DATA:** DIAL = ALL STATION USE GROUPS CAN CALL OTHER STATION USE  
GROUPS = YES

**RELATED ITEMS:** [MMC 304 ASSIGN EXTENSION/TRUNK USE](#)  
[MMC 614 SET STATION/TRUNK USE GROUPS](#)

## MMC: 315 CUSTOMER SET RELOCATION

### DESCRIPTION:

Customer Set Relocation allows System Administration level or Technician level access to relocate or exchange similar stations in the OfficeServ system without wiring changes (see Allow Table below). This program is a one for one exchange with like stations. All individual station assignments such as trunk ring, station group, station COS, station speed dial, button appearances, etc. will follow the Customer Set Relocation program. iDCS 18 button keysets and iDCS 28 button keysets can be exchanged. Add On Modules and 64 button modules can also be exchanged. If incompatible set types are selected the system will provide an ERROR: NO MATCH message. If AOM or 64 button module units are to be exchanged the Master assignment must be removed prior to using Customer Set relocation. If the AOM or 64 button module Master station is not removed the error code ERROR: NOT ALONE will appear on the LCD display. A station must be in the idle state (on hook) to perform Customer Set Relocation. If a wired location has a station port connected but no telephone instrument the Customer Set Relocation program will allow set relocation as long as the station types are similar.

iDCS 18 button and iDCS 28 button key assignments should be taken in consideration when relocating these types of sets due to the button configurations of the instruments. If a 18 button set and a 28 button set are exchanged using the Customer Set Relocation program the first 18 buttons on the 28 button set will have the button programming of the 18 button set. In other words, when exchanging 18 and 28 button set only the first 18 buttons will be swapped.

NOTE: Customer access to this feature is default OFF in MMC 802.

**This feature cannot be used to relocate SMT-i or ITP model phones. IP phones should use the hot desking feature to relocate the IP phones.**

**MMC: 315**

<b>CUSTOMER SET RELOCATION ALLOW TABLE</b>								
	Single Line	DCS*, DS & iDCS 64 AOM	iDCS 8B	iDCS 18B	iDCS 28B	DS5021D	DS5014D	DS5007S
Single Line	YES	NO	NO	NO	NO	NO	NO	NO
DCS*, DS & iDCS 64 AOM	NO	YES	NO	NO	NO	NO	NO	NO
iDCS 8B	NO	NO	YES	NO	NO	NO	NO	NO
iDCS 18B	NO	NO	NO	YES	YES	NO	NO	NO
iDCS 28B	NO	NO	NO	YES	YES	NO	NO	NO
DS5021D	NO	NO	NO	NO	NO	YES	NO	NO
DS5014D	NO	NO	NO	NO	NO	NO	YES	NO
DS5007S	NO	NO	NO	NO	NO	NO	NO	YES

**NOTE:** All SMT-i and ITP models not supported.

**OPENING DISPLAY**

Press TRANSFER 315.  
Display shows.

**SET RELOCATION**  
**EXT \_ EXT**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 722 STATION KEY PROGRAMMING](#)  
                              [MMC 723 SYSTEM KEY PROGRAMMING](#)

# PRESET FWD NO ANSWER

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

This MMC allows the system administrator to set default No-Answer Forwarding destinations on a per-station basis. Any Forwarding destination set by the user in [MMC 102](#) will override the location set in this MMC. IF the user ever cancels their forwarding, the setting in this MMC will once again take effect. This ensures that if a user cancels their forwarding through [MMC 102](#) their calls can still be routed to voicemail. Preset Forward No-Answer follows the station's **NO ANS FWD** timer set in [MMC 502](#). There is also an option (**OPT**) to specify whether the preset forwarding applies to internal calls (**I**), outside calls (**O**) or both (**BOTH**). When **PRE FWD BUSY** is set to **ON** in [MMC 210](#) this preset forward destination will also be used as the default Busy Forwarding destination for the station.

## OPENING DISPLAY

**[ 201 ]    PRESET FNA**  
**NONE            OPT: BOTH**

**RELATED ITEMS:**

- [MMC 102 CALL FORWARDING](#)
- [MMC 210 TENANT ON AND OFF](#)
- [MMC 502 STATION TIMERS](#)

## MMC: 317 TIME/COST DISPLAY OPTION

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	NO
	MP20	NO
OfficeServ 7400	MP40	NO

**DESCRIPTION:** [This MMC is not available in V4.40 or higher software]

## MMC: 320

## SET BRANCH GROUP

### DESCRIPTION:

This program allows the technician to program branch group for each station. Each station can be in only one branch group. Branch groups enable the user to pick up the incoming call of another station in the same branch group just by lifting the handset. There are a maximum of 99 branch groups.

### OPENING DISPLAY

Press TRANSFER 320.  
Display shows.

[201] BRANCH GRP  
BRANCH GRP: NONE

**DEFAULT DATA:**    **BRANCH GRP: NONE**

**RELATED ITEMS:**    **NONE**

# MMC: 321

# SEND CLI NUMBER

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

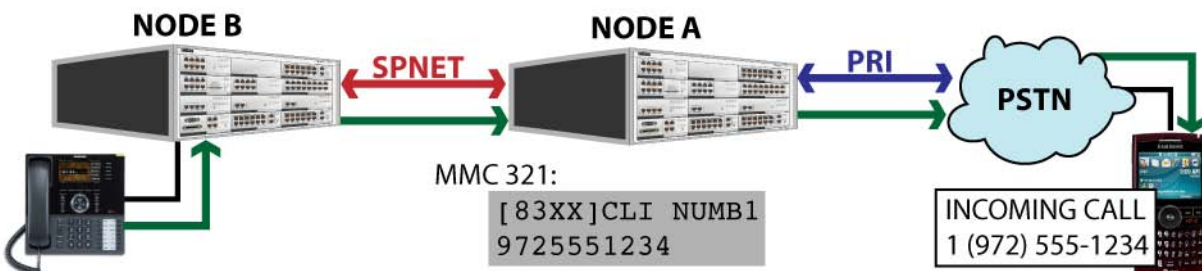
## DESCRIPTION:

This MMC allows you to set the outbound Caller ID number (CLI) for each station and trunk in the system. This information will be sent during PRI trunk calls, SIP trunk calls, optionally during SPNET trunk calls, and H.323 trunk calls. There are 4 CLI tables (tables 0 ~ 3) in the system so you can set different CLI numbers for each station depending on which trunk is accessed or what type of call is being made. Each CLI number can be up to 16 digits long (*providers in the US generally allow only 10 digits*).

Each station and trunk number also has an associated **SIP ALIAS** field (table 4) that allows you to set a Caller ID Name of up to 16 characters that will be sent when calling to a SIP peer.

## NOTES:

1. Not all service providers allow you to set outgoing caller ID number or name and some may restrict numbers that can be used.
2. The trunk CLI assignment is only used when that trunk initiates a call to another trunk, such as in a tandem trunk scenario (shown below) where all calls from a system route through another system before going to the PSTN.



## MMC: 321

### OPENING DISPLAY

Press TRANSFER 321.  
Display shows first station or trunk port.

[201] CLI NUMB 1

**DEFAULT DATA:** VIRTUAL DLI AND VIRTUAL SLI STATIONS, SPNET, SIP, AND H.323 TRUNKS DEFAULT WITH CLI NUMB 1 SET TO THEIR DIRECTORY NUMBER. ALL OTHER PORTS HAVE NO DEFAULT DATA.

**RELATED ITEMS:** [MMC 430 PRI CONTROL](#)

**MMC: 324**

**SLI2 GAIN**

**Reserved for Future Use**

# MMC: 326 RINGBACK TONE MESSAGE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the system administrator to set the 4 digit Samsung Voicemail prompt number used in place of ringback tone for the Color Ring (set in [MMC 400](#)) and Distinctive Ring (set in [MMC 419](#)) features. This is done on a per-station basis so that each station can have a separate ringback tone if desired. Once set, the desired prompt will play to callers instead of standard ringback tone when calling the station. In order to hear the ringback tone intercom callers must have **VM RBACK** set to **YES** in [MMC 419](#) and trunk callers (including SPNet trunk callers) must have the **VM RBACK** set to **YES** in [MMC 419](#) as well as having **COLORRING AS** set to **ON** in [MMC 400](#).

The available prompts are 0001-9999, but pre-recorded prompts exist at the following locations: 0001~1004, 5049~5064, 9000~9999. It is recommended that these prompt ranges be avoided when setting ringback tones.

**NOTE:** Although Station Groups are viewable, this MMC is only intended for setting station ports. A DB Access Error will be displayed if a Station Group's prompt is changed. This error does not indicate system instability, simply that the action taken is not allowed.

## OPENING DISPLAY

Press TRANSFER 326  
Display shows

[201] RBT MSG  
NONE

**DEFAULT DATA:** ALL STATIONS AND STATION GROUPS: NONE

**RELATED ITEMS:** [MMC 400 TRUNK ON AND OFF](#)  
[MMC 419 DISTINCTIVE RINGING](#)

**MMC: 327****MMS SERVICE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	NO
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC is reserved for future use, and allows the system administrator to configure multimedia telephony services such as video Music On Hold or custom ringback audio tones on a per-station basis. These settings have no effect currently and are reserved for future applications.

OPTION	NAME	VALUE		DESCRIPTION
0	MMS RBACK	1	YES	Allow this station to send and receive multimedia ringback content when making or receiving intercom calls.
		0	NO	Disable all multimedia ringback services for this station.
1	MMS RING	1	YES	Allow this station to send and receive multimedia ring content when making or receiving intercom calls.
		0	NO	Disable all multimedia ringback services for this station.
2	MMS BUSY	1	YES	Allow this station to send and receive multimedia content when making or receiving intercom calls to a busy station.
		0	NO	Disable all multimedia ringback services for this station.

## MMC: 327

OPTION	NAME	VALUE		DESCRIPTION
3	MMS MOH	1	YES	Allow this station to receive multimedia Music On Hold content.
		0	NO	Disable all multimedia Music On Hold services for this station.

### OPENING DISPLAY

Press TRANSFER 327  
Display shows

[201] MMS SVC  
MMS RBACK : NO

**DEFAULT DATA:**

<b>MMS RBACK:</b>	<b>NO</b>
<b>MMS RING:</b>	<b>NO</b>
<b>MMS BUSY:</b>	<b>NO</b>
<b>MMS MOH:</b>	<b>NO</b>

**RELATED ITEMS:**    **NONE**

**MMC: 328****MOBEX INFO****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	NO
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Available Only with v.4.30 or Higher]**

This MMC is used to configure MOBEX ports as well as Executive MOBEX users. Executive MOBEX options will have no effect unless a valid MOBEX license exists in [MMC 860](#) and there are free **MOBEX DSP's** in [MMC 850](#). If there are no MOBEX ports configured in [MMC 857](#) this MMC is unavailable.

OPTION	NAME	VALUE		DESCRIPTION
0	TEL NUMBER	-	-	Specify the trunk group and telephone number (up to 16 characters) to dial when this MOBEX port is accessed.  <i>The trunk group must be labelled as a <b>TYPE</b> of <b>ISDN TRUNK</b> or <b>SIP TRUNK</b> in <a href="#">MMC 603</a> or calls to the MOBEX port will fail. If LCR is in use you should take care to ensure that the number entered will always route to SIP or ISDN PRI trunks or the call may fail.</i>
1	CLI NUMBER	-	-	Specifies the caller ID number the MOBEX feature should associate with this Executive user when the user calls in to the MOBEX feature.  <i>The MOBEX feature is dialled into by setting a DID in <a href="#">MMC 714</a> to ring directly to the <b>MOBEX</b> feature code set in <a href="#">MMC 724</a>.</i>
2	EXEC USER	0	NO	Determines if the user is an Executive MOBEX user or not. Also display the free licenses ( <b>FR:xxx</b> ) as well as the user's priority in the Executive Users list ( <b>L:xxx</b> ).  <i>If more Executive users are assigned than are allowed by the MOBEX license in <a href="#">MMC 860</a> the excess users will be unable to access Executive features. The users given access will be those with the highest priority. For example, with a license of 10 users 001-010 may use the Executive features, 011 and above would be restricted.</i>
		1	YES	

**MMC: 104**

OPTION	NAME	VALUE		DESCRIPTION
3	MASTER STN	-	-	This setting sets the station associated with the MOBEX port. <i>This setting is optional for standard MOBEX users, but is required for Executive MOBEX users.</i>
4	SVC STATUS	0	ACT	This setting determines if the MOBEX port is available for taking calls or not. If the port is set to <b>DEACT</b> calls to the MOBEX port will error with an <b>INVALID NUMBER</b> error. In addition, when set to <b>DEACT</b> this user is removed from the Executive Users list until set back to <b>ACT</b> .
		1	DEACT	

**OPENING DISPLAY**

Press TRANSFER 328.  
Display shows first MOBEX port.

**[4300]TEL NUMBER**

**DEFAULT DATA: NONE**

**RELATED ITEMS:** **OFFICESERV CONNECT FEATURE**  
[\*\*MMC 329 RING GROUP\*\*](#)  
[\*\*MMC 603 TRUNK GROUPS\*\*](#)

**MMC: 329****RING GROUP****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Available Only with v.4.30 or Higher]**

This MMC is used to configure OfficeServ Connect groups. These groups allow you to set up to 5 devices to ring simultaneously with the station. These devices can be DLI, SLI, SIP, ITP, WIP, or MOBEX ports. Calls will follow the forwarding of the primary station only. These groups are primarily used by the MOBEX feature to allow calls to ring to both a keyset and a cell phone at the same time.

**NOTE:** Calls are delivered to all 5 devices simultaneously, however MOBEX ports will experience a slight delay as the system must access and dial a trunk in order to ring the cell phone. This delay is typically 10 seconds or less.

**NOTE:** MOBEX ports are not available on an OfficeServ 7200 with an MCP processor card.

**OPENING DISPLAY**

Press TRANSFER 329.  
Display shows first station port.

**[201] RING GROUP**  
**MEMBER 1 :NONE**

**DEFAULT DATA:     NONE**

**RELATED ITEMS:     OFFICESERV CONNECT FEATURE**

**MMC: 330****EMERGENCY ROUTING****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the system administrator to configure emergency dialing codes for wired and wireless IP stations. This feature only functions with SIP trunking, and only for IP stations. The administrator can set up to 4 numbers or number prefixes for each station that will be routed through the emergency dial feature. This feature is primarily used to provide 911 dialing service to remote IP phones through the use of an Analog Terminal Adaptor (ATA) device at the remote site. For more information on configuring Emergency Dialing see the IP Phone Emergency Dialing section of the Special Applications Guide.

OPTION	NAME	VALUE		DESCRIPTION
0	EMGY CODE	-	-	When the IP station makes an emergency call send this access code to the SIP CO Line.
1	EMGY DIAL	1	1:	When the IP station dials any of these 4 numbers route the call as an emergency call, bypassing standard routing. <b>NOTE:</b> These numbers can be prefixes. As an example an entry of 972 will cover any phone number dialed in the 972 area code.
		2	2:	
		3	3:	
		4	4:	

**OPENING DISPLAY**

Press TRANSFER 330  
Display shows

[ 3201 ] EMGY CODE

**DEFAULT DATA:** ALL WIRED AND WIRELESS IP STATIONS:

EMGY CODE: NONE

EMGY DIAL 1~4: NONE

**RELATED ITEMS:** NONE

# MMC: 400 CUSTOMER ON/OFF PER TRUNK

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to program various attributes of a CO Line's behaviour on a per-trunk basis.

OPTION	NAME	DESCRIPTION
00	1A2 EMULATE	Enable ( <b>ON</b> ) up to four internal stations to participate in a conversation on this trunk by pressing a corresponding <b>DT</b> key.
01	TRK INC. DND	Allow ( <b>ON</b> ) trunks to receive Do Not Disturb (DND) tone when routed to a station that is DND. If set to <b>OFF</b> this trunk will ring through to the station regardless of the DND status.
02	TRK FORWARD	Allow ( <b>ON</b> ) this trunk to follow the forwarding of the station it is ringing to. If set to <b>OFF</b> this trunk will ring through to the station regardless of the forwarding status.
06	EFWD EXT CLI	Retransmit ( <b>ON</b> ) incoming Caller ID information to the outbound trunk when this trunk is call forwarded to an external destination.
07	REPEAT CLI	Retransmit ( <b>ON</b> ) incoming Caller ID information to the outbound trunk when this trunk has a ring destination of an external number.
08	TONECHK DISC	Monitor the trunk for busy tone or dial tone after a connection (which can signal a call has ended without proper disconnect) and drop the trunk ( <b>ON</b> ) or leave it connected ( <b>OFF</b> ).

**MMC: 400**

OPTION	NAME	DESCRIPTION
09	AUTO ANSWER	Allow ( <b>ON</b> ) stations set to <b>AUTO ANSWER MODE</b> in <a href="#">MMC 103</a> to auto answer calls from this trunk. If set to <b>OFF</b> this trunk will ring through to the station regardless of the station's auto answer status.
10	COLORRING AS	When routed to a station this trunk will hear the Samsung Voicemail prompt specified for that station in <a href="#">MMC 326</a> instead of ringback tone. In addition, when routed to a station group that has an <b>RBT MSG</b> set in <a href="#">MMC 601</a> that prompt will be heard instead of ringback while ringing that station group.
12	TANDEM CLI	Identify tandem BRI trunk calls by inserting a 0 before the incoming Caller ID number. <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>

**OPENING DISPLAY**

Press TRANSFER 400  
Display show

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

**DEFAULT DATA:**

<b>1A2 EMULATE:</b>	<b>OFF</b>
<b>TRK INC.DND:</b>	<b>ON</b>
<b>TRK FORWARD:</b>	<b>ON</b>
<b>EFWD EXT CLI:</b>	<b>ON</b>
<b>REPEAT CLI:</b>	<b>OFF</b>
<b>TONECHK DISC:</b>	<b>OFF</b>
<b>AUTO ANSWER:</b>	<b>OFF</b>
<b>COLORRING AS:</b>	<b>OFF</b>
<b>TANDEM CLI:</b>	<b>ON</b>

**RELATED ITEMS:**

- [MMC 210 TRUNK AUTO MOH OPTION](#)
- [MMC 326 RINGBACK TONE MESSAGE](#)
- [MMC 501 TRK AUTO MOH DISC TIMER](#)

## MMC: 401

## C.O./PBX LINE

### DESCRIPTION:

Used to select the mode of the C.O. line. If the PBX mode is chosen, this allows PBX access codes to be recognized, thus allowing more complete toll restriction (call barring). This mode is assigned on a per-trunk basis.

### OPENING DISPLAY

Press TRANSFER 401.  
Display shows.

[701] PBX LINE  
CO LINE

**DEFAULT DATA:** ALL TRUNKS C.O. LINE

**RELATED ITEMS:** NONE

## MMC: 402

## TRUNK DIAL TYPE

### DESCRIPTION:

Used to determine the dialling type of each C.O. line. There are two options: DIAL PULSE (rotary dial) and Dual Tone Multi Frequency (DTMF).

### OPENING DISPLAY

Press TRANSFER 402.  
Display shows.

**[701] DIAL TYPE**  
**DTMF TYPE**

**DEFAULT DATA:**     **ALL TRUNKS DTMF**

**RELATED ITEMS:**     [MMC 501 SYSTEM TIMERS](#)  
                              [MMC 503 TRUNK-WIDE TIMERS](#)

# MMC: 403

# TRUNK TOLL CLASS

## DESCRIPTION:

Assigns toll class level assignments on a per-trunk or all-trunk basis on a time based ring plan time assignment defined in MMC 507 Assign Ring Plan Time. 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	Class H Restricted

## OPENING DISPLAY

Press TRANSFER 403.  
Display shows.

[701] TOLL CLASS  
1:F-STN 2:F-STN

**DEFAULT DATA:** ALL TRUNKS F-STN ALL RING PLANS

**RELATED ITEMS:** [MMC 202 CHANGE FEATURE PASSCODES](#)  
[MMC 301 ASSIGN STATION COS](#)  
[MMC 507 ASSIGN RING PLAN TIME](#)  
[MMC 701 ASSIGN COS CONTENTS](#)  
TOLL RESTRICTION MMCs

# MMC: 404

# TRUNK NAME

## DESCRIPTION:

Allows an 11-character name to be entered to identify an individual trunk.

Names are written using the keypad. Each press of a key selects 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 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 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 or the DOWN key to move the cursor left. A space can be entered by using these keys.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 404

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 404.  
Display shows.

[701] TRUNK NAME

**DEFAULT DATA:** NO NAMES ENTERED

**RELATED ITEMS:** [MMC 104 STATION NAME](#)  
[MMC 405 C.O. TRUNK NUMBER](#)

# MMC: 405 TRUNK TELEPHONE NUMBER

## DESCRIPTION:

Allows an 11-digit number to be entered to identify an individual trunk.

Numbers are written using the keypad. Each press of a key selects a digit. Pressing the desired key moves the cursor to the next position. For example, if the directory number is 426-4100, press the number 4 once to get the number 4. Now press the number 2 once for number 2. Continue selecting characters from the table below to complete your number.

NOTE: 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.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ;, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 405

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 405.  
Display shows.

[701] CO TEL NO.

**DEFAULT DATA:** NO NUMBERS ENTERED

**RELATED ITEMS:** [MMC 404 TRUNK NAME](#)

## MMC: 406 TRUNK RING ASSIGNMENT

### DESCRIPTION:

Enables ringing to a specific station or to a group of stations when incoming calls are received. This MMC controls ring plan destinations for ring down trunks. If the ring plan destinations are not input the default ring plan is ring plan 1. Station group 500 is default in Ring Plan 1. (In a networked system this MMC can be used to assign ringing to any station or station group in the entire network).

DEVICE	DEFAULT DN
3 Digit Station	201–299, 301–3xx
3 Digit Station group	500–5xx
4 Digit Station	2001–2xxx
4 Digit Station group	5000–5xxx

### OPENING DISPLAY

Press TRANSFER 406.  
Display shows.

[701] TRK RING  
1:500 2:500

**DEFAULT DATA:** ALL TRUNKS RING DEFAULT OPERATOR GROUP (500, 5000)

**RELATED ITEMS:** [MMC 202 CHANGE FEATURE PASSCODES](#)  
[MMC 507 ASSIGN RING PLAN TIME](#)  
[MMC 601 ASSIGN STATION GROUP](#)

## MMC: 407

## FORCED TRUNK RELEASE

### DESCRIPTION:

Provides a positive forced trunk release to a specific trunk or all trunks in the event of a trunk lock-up.

### OPENING DISPLAY

Press TRANSFER 407.  
Display shows.

```
[701] TRK RELS.  
RELEASE? _Y:1,N:0
```

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 603 ASSIGN TRUNK GROUP](#)

# MMC: 408      ASSIGN TRUNK MOH SOURCE

## DESCRIPTION:

Allows the system administrator to set two MOH options for each trunk in the system.

Option 1: MOH—this selects which Music On Hold source will be heard on each trunk when it is put on hold.

Option 2: AA—this selects which Music On Hold source will be heard when the trunk is automatically answered by the system. See [MMC 210](#)-Trunk Auto MOH, ON/OFF. This feature must be set to ON before the AA option will take effect.

For the four types of selection for Options 1 and 2 see below.

## OPTIONS

1. TONE: An intermittent tone is played to the caller.
2. NONE: No Music on Hold selection.
3. 376X: If X is one (1), a chime tune is played. If X is another number, an external source from a MISC daughter board as assigned below is played.

MIS DAUGHTER BOARD	MISC FUNCTION # MMC 724	DEFAULT DN (Port)
BGM/MOH Source #1	01	3762
BGM/MOH Source #2	02	3763

4. SVM PORT NUMBER: If you have a SVM Voice Mail System installed you may also select a SVM recording as a music source. The recording must already been defined in MMC 748 and will show up here as the SVM port associated with the recording.

## OPENING DISPLAY

Press TRANSFER 408.  
Display shows current setting.

[ 701 ] TRK MOH  
MOH:TONE AA:NONE

**DEFAULT DATA:**      **MOH: TONE**  
                              **AA:NONE**

## MMC: 408

**RELATED ITEMS:**    [MMC 210 CUSTOMER ON/OFF PER TENANT](#)  
                          [MMC 308 ASSIGN BACKGROUND MUSIC SOURCE](#)  
                          [MMC 724 MISC NUM PLAN](#)  
                          [MMC 748 ASSIGN VM MOH](#)

## MMC: 409

## TRUNK STATUS READ

### DESCRIPTION:

Allows the status of trunks to be read in a format that will enable the servicing personnel to quickly identify the ownership and position of a trunk. This is a **read-only** MMC.

### OPTION TABLE

00	Port Number (Cabinet/Slot/Port)
01	Type
02	1A2 Emulate On/Off
03	Trunk Forward
04	Line (CO/PBX)
05	Dial Type
06	Toll Type RP 1
07	Toll Type RP 2
08	Toll Type RP 3
09	Toll Type RP 4
10	Toll Type RP 5
11	Toll Type RP 6
12	Ring Plan 1
13	Ring Plan 2
14	Ring Plan 3
15	Ring Plan 4
16	Ring Plan 5
17	Ring Plan 6
18	MOH Source
19	DISA LINE (shows Ring Plan Assigned)

### OPENING DISPLAY

Press TRANSFER 409.  
Display shows.

[701] TRK STATUS  
PORT #:C1-S5-P01

**DEFAULT DATA:** SEE RELATED MMCs

## MMC: 409

**RELATED ITEMS:**    [MMC 400 CUSTOMER ON/OFF PER TRUNK](#)  
                              [MMC 401 C.O./PBX LINE](#)  
                              [MMC 402 TRUNK DIAL TYPE](#)  
                              [MMC 403 TRUNK TOLL CLASS](#)  
                              [MMC 404 TRUNK NAME](#)  
                              [MMC 406 TRUNK RINGING ASSIGNMENT](#)  
                              [MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE](#)  
                              [MMC 410 ASSIGN DISA TRUNK](#)

## MMC: 410

## ASSIGN DISA TRUNK

### DESCRIPTION:

Allows the system the ability to have Direct Inward System Access (DISA). Because there is a possibility that unauthorized calls will be made via this feature, several safeguards have been added. The end user must be informed of these to prevent unnecessary service calls. DISA can lockout 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 central office line. DISA lines must be assigned to the Ring Plan(s).

### OPENING DISPLAY

Press TRANSFER 410.  
Display shows.

[ 701 ]	123456
DISA LINE:	000000

**DEFAULT DATA:**    **ALL TRUNKS NORMAL**

**RELATED ITEMS:**    [MMC 500 SYSTEM-WIDE COUNTERS](#)  
                          [MMC 507 ASSIGN RING PLANS](#)

**MMC: 411****ASSIGN T1 SIGNAL TYPE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to define the T1 signaling type for each T1 trunk in the system. There are four different signaling types to choose from; the appropriate type is determined by the circuit or equipment the trunk is connected to. T1 channels that are not used should be set to **UNUSE**.

OPTION	NAME	VALUE	
0	LOOP START	-	-
1	GROUND START	-	-
2	E&M:	0	IMMEDIATE
		1	DELAYED
		2	WINK
3	DID:	0	IMMEDIATE
		1	DELAYED
		2	WINK
4	UNUSE	-	-

**OPENING DISPLAY**

Press TRANSFER 411  
Display shows

**[701] T1 SIGNAL**  
**UNUSE**

**DEFAULT DATA:**    **ALL T1 TRUNKS:**    **UNUSE**

**RELATED ITEMS:**    **TRUNK PROGRAMMING**  
                         [\*\*MMC 808 T1 SIGNAL TYPE\*\*](#)

## MMC: 412

## ASSIGN TRUNK SIGNAL

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to set the signalling type for trunks on the E&M and DID trunk cards.

**[The E&M and DID trunk cards are not available in the US, so this MMC will always display an error that reads "NO E&M/DID TRUNK".]**

## MMC: 414      ASSIGN CALLER ID / ANI TRUNKS

### DESCRIPTION:

Allows the system administrator or technician to activate Caller ID or ANI on a per-trunk basis. Activating Caller ID or ANI will delay the incoming ring indication at the operator by two ring cycles to allow for the collection of the calling party 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.
2	ANI TRUNK	This is an ANI trunk.

NOTE: ANI information can be received only on digital (T1) trunks.  
ANI is programmed for use on a trunk group basis.

### OPENING DISPLAY

Press TRANSFER 414.  
Display shows.

[701]CID TRUNKS  
NORMAL

**DEFAULT DATA:**      ALL TRUNKS ARE NORMAL

**RELATED ITEMS:**      [MMC 119 CALLER ID / ANI DISPLAY](#)  
                                 [MMC 312 ALLOW CALLER ID / ANI](#)  
                                 [MMC 420 ANI / DNIS OPTIONS](#)  
                                 [MMC 501 SYSTEM TIMERS](#)  
                                 [MMC 503 TRUNK WIDE TIMERS](#)  
                                 [MMC 608 ASSIGN REVIEW BLOCK](#)  
                                 [MMC 722 STATION KEY PROGRAMMING](#)  
                                 [MMC 723 SYSTEM KEY PROGRAMMING](#)  
                                 [MMC 725 SMDR OPTIONS](#)  
                                 [MMC 728 CALLER ID / ANI TRANSLATION TABLE](#)

## MMC: 415 REPORT TRUNK ABANDON DATA

### DESCRIPTION:

Allows the system administrator or technician to enable or disable the reporting of abandoned C.O. calls for which CID, CLI or ANI 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 CID or ANI information will not be printed on 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 CID or ANI information will be printed on SMDR and stored in the system call abandon list. These records will also be stored in the station review list.           |

NOTE: In order for these abandoned call records to print on SMDR, MMC 725 SMDR OPTIONS Option 11 Print Abandoned Call Records must be set to YES.

### OPENING DISPLAY

Press TRANSFER 415.  
Display shows.

```
[701] TRK ABNDN  
REPORT : YES
```

**DEFAULT DATA:** ALL TRUNKS WILL REPORT DATA

**RELATED ITEMS:** [MMC 725 SMDR OPTIONS](#)  
[MMC 414 ASSIGN CALLER ID TRUNKS](#)

# MMC: 416

# E&M/DID RING

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC determines how calls to a trunk set to **E&M** or **DID** in [MMC 411](#) will be routed to the appropriate destination. The proper setting will depend on how calls are to be processed through the system.

OPTION	NAME	VALUE	DESCRIPTION
0	FOLLOW INCOM DGT	-	<p>Search <a href="#">MMC 724</a> for a device with a directory number that matches the digits received for the call. If no matching device can be found send the call to the system operator.</p> <p>This option is most commonly used for CO TIE lines where users in a single remote location will be dialling directly to stations in the local system.</p>
1	FOLLOW DID TRANS	-	<p>Search <a href="#">MMC 714</a> for a matching DID entry to route the call on. If no matching entry is found, route the call to the system operator.</p> <p>This option is most commonly used for CO TIE lines where users in a single remote location will be calling to both stations and station groups in the local system.</p>

**MMC: 416**

OPTION	NAME	VALUE	DESCRIPTION
2	FOLLOW TRK RING	-	Route calls to the destination specified in <a href="#">MMC 406</a> for this trunk.  This option is most commonly used for CO TIE lines where users in a remote location will be calling only one group or phone in the local system.
		NO. RCV DIGIT:	This setting determines how many digits the CO sends to the system. These digits will be passed to the voicemail in the event that calls are routed to a voicemail group or port.

**OPENING DISPLAY**

Press TRANSFER 416  
Display shows

**[701] EM/DD RING  
FOLLOW INCOM DGT**

**DEFAULT DATA:**    **ALL E&M AND DID TRUNKS:**    **FOLLOW INCOM DGT**

**RELATED ITEMS:**    [MMC 714 DID NUMBER AND NAME TRANSLATION](#)

**MMC: 417****TRK TMC GAIN****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:** [This MMC is intended for engineering use only and should not be adjusted unless directed to do so by Samsung Technical Support]

This MMC allows the technician to adjust gain levels for analog trunks on a per-trunk basis. Both receive and transmit gains can be adjusted from -10 dB to +20 dB in single decibel increments.

**CAUTION!!** Changing these values may create trunking issues and should only be attempted when directed to do so by Samsung Technical Support.

**OPENING DISPLAY**

Press TRANSFER 417  
Display shows

[701] TMC GAIN  
R: +0 dB T: +0 dB

**DEFAULT DATA:** ALL ANALOG TRUNKS:  
T: +0 dB  
R: +0 dB

**RELATED ITEMS:** NONE

## MMC: 418

## TRUNK GAIN CONTROL

### DESCRIPTION:

Allows loss levels for digital trunks to be adjusted on a per trunk basis. There are two adjustments available in this MMC. "TX" is the transmit level adjustment of the trunk to the station. "RX" is the receive level adjustment of the station to the trunk.

**Caution!!** This MMC is not to correct low volume. To be used with the support of STA Technical Support Department.

### OPENING DISPLAY

Press TRANSFER 418.  
Display shows.

```
[701] TRK GAIN  
RX:+0.0 TX:+0.0
```

**DEFAULT DATA:** TX : +0.0  
RX : +0.0

**RELATED ITEMS:** NONE

# MMC: 419

# DISTINCTIVE RINGING

## DESCRIPTION:

This MMC allows the technician to assign ring tones and priorities for calls made by a specific station or trunk as well as to set a ringback prompt to play in place of ringback tone when callers call the station or trunk. These options are programmed on a per-device basis and can be set for all stations and all trunks in the system.

OPTION	NAME	VALUE		DESCRIPTION
0	DGP TONE	0	NONE	Calls from this device will use the ring tone chosen by the called keyset in <a href="#">MMC 111</a> .
		1	1	Calls from this device will ring to keysets using ring tone <b>1</b> from <a href="#">MMC 111</a> .
		2	2	Calls from this device will ring to keysets using ring tone <b>2</b> from <a href="#">MMC 111</a> .
		3	3	Calls from this device will ring to keysets using ring tone <b>3</b> from <a href="#">MMC 111</a> .
		4	4	Calls from this device will ring to keysets using ring tone <b>4</b> from <a href="#">MMC 111</a> .
		5	5	Calls from this device will ring to keysets using ring tone <b>5</b> from <a href="#">MMC 111</a> .
		6	6	Calls from this device will ring to keysets using ring tone <b>6</b> from <a href="#">MMC 111</a> .
		7	7	Calls from this device will ring to keysets using ring tone <b>7</b> from <a href="#">MMC 111</a> .
		8	8	Calls from this device will ring to keysets using ring tone <b>8</b> from <a href="#">MMC 111</a> .
1	SLT RING	0	NONE	Calls from this device will ring to Single Line Telephones (SLTs) with the default cadence set in <a href="#">MMC 510</a> for this device and call type.
		1	1	Calls from this device will ring to SLTs with the <b>STN RING</b> cadence set in <a href="#">MMC 510</a> .
		2	2	Calls from this device will ring to SLTs with the <b>TRK RING</b> cadence set in <a href="#">MMC 510</a> .
		3	3	Calls from this device will ring to SLTs with the <b>DOOR RING</b> cadence set in <a href="#">MMC 510</a> .
		4	4	Calls from this device will ring to SLTs with the <b>ALM RING</b> cadence set in <a href="#">MMC 510</a> .

## MMC: 419

OPTION	NAME	VALUE		DESCRIPTION
		5	5	Calls from this device will ring to SLTs with the <b>CBK RING</b> cadence set in <a href="#">MMC 510</a> .
2	PRIORITY	0	NO	Calls from this device will not be prioritized.
		1	1	Calls from this device will be set as priority 1 and will be delivered to the called station or station group before all other calls. <b><i>Multiple priority 1 calls will be delivered in the order received.</i></b>
		2	2	Calls from this device will be set as priority 2 and will be delivered to the called station or station group before all lower priority calls. <b><i>Multiple priority 2 calls will be delivered in the order received.</i></b>
		3	3	Calls from this device will be set as priority 3 and will be delivered to the called station or station group before all lower priority calls. <b><i>Multiple priority 3 calls will be delivered in the order received.</i></b>
		4	4	Calls from this device will be set as priority 4 and will be delivered to the called station or station group before all lower priority calls. <b><i>Multiple priority 4 calls will be delivered in the order received.</i></b>
		5	5	Calls from this device will be set as priority 5 and will be delivered to the called station or station group before all lower priority calls. <b><i>Multiple priority 5 calls will be delivered in the order received.</i></b>
		6	6	Calls from this device will be set as priority 6 and will be delivered to the called station or station group before all lower priority calls. <b><i>Multiple priority 6 calls will be delivered in the order received.</i></b>

**MMC: 419**

OPTION	NAME	VALUE		DESCRIPTION
		7	7	Calls from this device will be set as priority 7 and will be delivered to the called station or station group before all lower priority calls. <i>Multiple priority 7 calls will be delivered in the order received.</i>
		8	8	Calls from this device will be set as priority 8 and will be delivered to the called station or station group before all lower priority calls. <i>Multiple priority 8 calls will be delivered in the order received.</i>
		9	9	Calls from this device will be set as priority 9 and will be delivered to the called station or station group before calls with no priority set. <i>Multiple priority 9 calls will be delivered in the order received.</i>
3	VM RBACK	0	NO	When calling to other devices this station will hear system ringback tone as defined in <a href="#">MMC 506</a> .
		1	YES	When calling to other devices this station will hear the Samsung Voicemail prompt specified for that station in <a href="#">MMC 326</a> .

**OPENING DISPLAY**

Press TRANSFER 419  
Display shows first station

**[201] DIST.RING**  
**DGP TONE :NONE**

**DEFAULT DATA:**    **DGP TONE:**    **NONE**  
                          **SLT RING:**    **NONE**  
                          **PRIORITY:**    **NO**  
                          **VM RBACK:**    **NO**

**RELATED ITEMS:**    [MMC 111    KEYSET RING TONE](#)  
                          [MMC 224    AUDIO PROMPT](#)  
                          [MMC 326    RINGBACK TONE MESSAGE](#)

**MMC: 420****ANI / DNIS OPTIONS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC provides a method to set the formatting of ANI (Automatic Number Identification) and / or DNIS (Dialed Number Identification Service) data for T1 CO trunk lines. All T1 lines that will receive ANI/DNIS must be in the same trunk group as this MMC only allows configuration of ANI/DNIS information for a single trunk group. ANI and DNIS data is expected to be transmitted in the voice path (inband) in the following format:

Separator 1	DN1 ANI / DNIS	Number of digits to expect	Separator 2	DN2 ANI / DNIS	Number of digits to expect	Separator 3
-------------	-------------------	----------------------------------	-------------	-------------------	----------------------------------	-------------

The DN 1 and 2 fields determine the type of data held in each digit string. The Separator fields determine how the CO segments the digit strings. Each option is defined below.

OPTION	NAME	VALUE		DESCRIPTION
0	TRK GROUP	-	-	Set which trunk group will be receiving ANI/DNIS information.
1	SEPARATOR 1	-	-	Look for up to two of the following characters to signal the beginning of ANI/DNIS data:  0~9, *, #: Wait for a specific digit A: Wait for any digit C: Wait for a wink of length up to 200ms  If the field is left at NONE, wait up to 700ms for the <b>DN 1</b> string to begin.
2	DN 1	0	ANI	Read ANI data from the <b>DN 1</b> string.

**MMC: 420**

OPTION	NAME	VALUE		DESCRIPTION
		1	DNIS	Read DNIS data from the <b>DN 1</b> string.
	NND:	-	-	Set the <b>DN 1</b> digit string length. ANI data: 1~10 digits DNIS data: 1~7 digits
3	SEPARATOR 2	-	-	Look for up to two of the following characters to signal the beginning of ANI/DNIS data:  0~9, *, #: Wait for a specific digit A: Wait for any digit C: Wait for a wink of length up to 200ms  If the field is left at NONE, wait up to 700ms for the <b>DN 1</b> string to begin.
4	DN 2	0	ANI	Read ANI data from the <b>DN 2</b> string.
		1	DNIS	Read DNIS data from the <b>DN 2</b> string.
	NND:	-	-	Set the <b>DN 2</b> digit string length. ANI data: 1~10 digits DNIS data: 1~7 digits
5	SEPARATOR 3	-	-	Look for up to two of the following characters to signal the beginning of ANI/DNIS data:  0~9, *, #: Wait for a specific digit A: Wait for any digit C: Wait for a wink of length up to 200ms  If the field is left at NONE, wait up to 700ms for the <b>DN 1</b> string to begin.

**NOTE:** Although **DN 1** and **DN 2** can be set to the same values this will lead to unpredictable behavior and should be avoided.

**OPENING DISPLAY**

Press TRANSFER 420  
Display shows

**ANI/DNIS SET UP**  
**TRK GROUP: NONE**

**DEFAULT DATA:**      **TRUNK GROUP:**      **NONE**  
                         **SEPARATOR 1:**      **NONE**  
                         **DN 1:**                      **ANI NND:**

## MMC: 420

SEPARATOR 2: NONE  
DN 2: DNIS NND:  
SEPARATOR 3: NONE

**RELATED ITEMS:** TRUNK PROGRAMMING  
T1 PROGRAMMING  
[MMC 414 ASSIGN CALLER ID/ANI TRUNK](#)  
[MMC 416 E&M TRANSLATIONS](#)  
[MMC 714 DID TRANSLATION TABLE](#)

## MMC: 421

## TRUNK COS

### DESCRIPTION:

Used to assign a class of service to each trunk during one of the 6 different ring plans available. There are 30 different classes of service that are defined in MMC 701 Assign COS Contents. Classes of service are numbered 01–30. Trunk COS also applies on Tandem connections.

### OPENING DISPLAY

Press TRANSFER 421.  
Display shows first trunk.

```
[701] TRK COS
1:01 2:01 3:01
```

**DEFAULT DATA:**    **ALL RING PLANS COS 01**

**RELATED ITEMS:**    [MMC 701 ASSIGN COS CONTENTS](#)  
                          [MMC 507 ASSIGN RING PLANS](#)

## MMC: 422

## COST RATE

### DESCRIPTION:

In this MMC, the TRUNK COST RATE flags are entered for each trunk. The per trunk cost rates are defined in MMC 729 Rate Calculation Table. The dialed digits Costing Plans are defined in MMC 730. Each trunk may be defined with up to eight cost rates. Enter one or more of the eight COST RATES per trunk. If an entry is left blank, no call costing will be calculated for that particular DIAL PLAN.

Call type 8 is fixed for incoming. Apply a cost rate under type 8 only to a trunk if you want incoming call costing.

### OPENING DISPLAY

Press TRANSFER 422.  
Display shows trunk number  
and Cost Rate table numbers.

[701]	: 12345678
CR	: 00000000

**DEFAULT DATA:**    **ALL TRUNKS/ALL DIAL PLANS NO COST RATE ASSIGNED**

**RELATED ITEMS:**    [MMC 317 CALL COST DISPLAY OPTION](#)  
                          [MMC 729 RATE CALCULATION TABLE](#)  
                          [MMC 730 COSTING DIAL PLAN](#)

## MMC: 423

## SET HYBRID-TRUNK

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to set the signalling type for trunks on HYBRID trunk cards.

**[The HYBRID trunk card is not available in the US, so this MMC will always display an error that reads "NO H-TRUNK CARD".]**

## MMC: 424

## BRI AND PRI CARD RESTART

### DESCRIPTION:

This MMC is used to restart a PRI card at the card level. This action is required to update the processor on the PRI card to any changes in the card setup MMC's and to put these changes into effect.

### OPENING DISPLAY

Press TRANSFER 424.  
Display shows first PRI circuit.

[7025] RESTART  
CARD RESTART?NO

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 430 PRI CONTROL](#)

# MMC: 430

# PRI CONTROL

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to configure the settings for PRI spans on TEPRI, TEPRIa, and TEPRI2 trunk cards. The normal mode of operation for a PRI facility in the US is DID service (shown as DDI in this MMC) for incoming calls and senderized operation (the switch provides dial tone, collects the called number digits, and then places the call) for outgoing calls.

OPTION	NAME	VALUE		DESCRIPTION
00	ANY CHANNEL	1	YES	If a user attempts to make a call on a trunk that is busy reroute the call to the next available trunk.
		0	NO	If a user attempts to make a call on a trunk that is busy return a busy trunk error. <i>If switch 4 of the TEPRI/TEPRIa/TEPRI2 is turned on, <b>ANY CHANNEL</b> is fixed at <b>NO</b> and cannot be changed.</i>
01	PRI MODE	1	DDI	Search <a href="#">MMC 714</a> for a matching DID entry to route the call on.
		0	NORMAL	Route calls to the destination specified in <a href="#">MMC 406</a> for the trunk the call comes in on. <i>PRI Providers in the US do not generally support this option so it should not be used unless specified by the CO provider.</i>

## MMC: 430

OPTION	NAME	VALUE		DESCRIPTION
02	CH.SELECT <i>This setting has no effect when <b>ANY CHANNEL</b> is set to <b>NO</b></i>	1	HIGH	When making an outbound call attempt to locate trunks from highest to lowest.
		0	LOW	When making an outbound call attempt to locate trunks from lowest to highest.
03	SWH	0	5ESS5	Set the type of CO the PRI span is connected to. This effectively sets the protocol used to communicate with the CO.  The system default of NI_2 is widely supported, so this generally does not need to be changed.
		1	5ESS9	
		2	5ESS10	
		3	DMS100	
		4	NI_1	
		5	NI_2	
		6	BELLCORE	
04	USE CHANNEL	-	-	Set the number of ISDN Bearer channels (B Channels) available on the span. This determines the number of voice channels available and can be a value of 1~23.
06	CLI TABLE	-	-	Set which of the 4 CLI tables from <a href="#">MMC 321</a> will be used to determine what number should be sent as Caller ID for outbound calls.

**MMC: 430**

OPTION	NAME	VALUE		DESCRIPTION
08	TIME SYNC	1	ON	Synchronize the system time in <a href="#">MMC 505</a> based on the timestamp messages received from the CO. Timestamp messages are received during connection of an outgoing call, so it may take a few calls before the time can properly sync. This option only takes effect when <b>AUTO UPDATE TIME</b> is set to <b>ENABLE</b> in <a href="#">MMC 861</a> . <i>Many PRI providers in the US do not provide timestamp messaging. In these cases this setting has no effect.</i>
		0	OFF	Do not attempt to synchronize system time with the PRI provider.
09	CLIR w NUMB	1	ON	When the calling station has <b>SND</b> set to <b>NO</b> in <a href="#">MMC 312</a> send the call as restricted Caller ID, but continue to send the CLI number to the CO. <i>This is required by some PRI providers in order to process a call with a restricted Caller ID number.</i>
		0	OFF	When the calling station has <b>SND</b> set to <b>NO</b> in <a href="#">MMC 312</a> send the call as restricted Caller ID and send a blank CLI number to the CO.
11	CENTREX	1	ON	Send dialed numbers to the CO as ISDN messages. This option requires that <b>ISDN PROGCON</b> is set to <b>OFF</b> in <a href="#">MMC 210</a> . <i>Many PRI providers in the US do not support this type of digit transmission.</i>
		0	OFF	Send dialed numbers to the CO as DTMF tones.

**OPENING DISPLAY**

Press TRANSFER 430.  
Display shows.

**[701] PRI OPTION**  
**ANY CHANNEL: YES**

## MMC: 430

**DEFAULT DATA:**     **C.O. PRI (Switch 4 of the TEPRI/TEPRIa/TEPRI2 is OFF):**

<b>ANY CHANNEL:</b>	<b>YES</b>
<b>PRI MODE:</b>	<b>DDI</b>
<b>CH. SELECT:</b>	<b>HIGH</b>
<b>SWH:</b>	<b>NI_2</b>
<b>USE CHANNEL:</b>	<b>23</b>
<b>CLI TABLE:</b>	<b>NONE</b>
<b>TIME SYNC:</b>	<b>OFF</b>
<b>CLIR w NUMB:</b>	<b>OFF</b>
<b>CENTREX:</b>	<b>OFF</b>

**Networking PRI (Switch 4 of the TEPRI/TEPRIa/TEPRI2 is ON):**

<b>ANY CHANNEL:</b>	<b>NO</b>
<b>PRI MODE:</b>	<b>DDI</b>
<b>CH. SELECT:</b>	<b>LOW</b>
<b>SWH:</b>	<b>NI_2</b>
<b>USE CHANNEL:</b>	<b>23</b>
<b>CLI TABLE:</b>	<b>NONE</b>
<b>TIME SYNC:</b>	<b>OFF</b>
<b>CLIR w NUMB:</b>	<b>OFF</b>
<b>CENTREX:</b>	<b>OFF</b>

**RELATED ITEMS:**     [MMC 321 CLI TABLE](#)  
                              [MMC 424 CARD RESTART](#)  
                              [MMC 714 DID NAME AND NUMBER TRANSLATION](#)

## MMC: 432

## CONNECTION STATUS

### DESCRIPTION:

This read only MMC will confirm the connection status of stations or trunks. Display status actually displays the status of a station or trunk at the time requested. If a conference is in progress with the selected trunk or station the display will show one of the conference parties and an arrow (→). The technician or system administrator can then display the next parties in the conference. If a station or trunk is in an idle state the display will show "NONE". If the station or trunk selected is not a valid selection the display will show "INVALID DATA". If the station or trunk is made busy by the CPU the display will show "MADE BUSY". If the station is in busy state with no other connection, the display will show "BUSY" only.

### OPENING DISPLAY

Press TRANSFER 432.  
Display shows.

**DISPLAY STATUS**  
**201 : IDLE**

**DEFAULT DATA:**     **NONE**

**RELATED ITEMS:**     [\*\*MMC 409 TRUNK STATUS\*\*](#)

## MMC: 438

## TRK GAIN

### DESCRIPTION:

Allows loss levels of TMC (Twenty-Five Milliamps of Current) for analog trunks to be adjusted on a per trunk basis. There are two adjustments in this MMC, "TX" which is the transmit level adjustment of the trunk to the station and "RX" which is the receiver level adjustment of the station to the trunk.

### OPENING DISPLAY

Press TRANSFER 438.  
Display shows.

```
[701] TRK TYPE:3  
RX:3 dB TX:3 dB
```

**DEFAULT DATA:**      **TRUNK TYPE RANGE: 1~4**      **DEFAULT = 3**  
                         **dB RANGE: 1 ~ 6**                      **DEFAULT = 3**

**RELATED ITEMS:**      **NONE**

**MMC: 500****SYSTEM COUNTERS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to adjust system counters as necessary. Individual counters are defined below. Some counters support a count of 0, which will disable the option entirely.

OPTION		DEFAULT	RANGE	DESCRIPTION
0	ALARM REM.CNTER	05	01-99	Set the number of time a reminder will ring before cancelling. This includes Alarm Clock alarms set in <a href="#">MMC 112</a> , Alarm Reminders set in <a href="#">MMC 116</a> , and Wake Up calls set by the Hotel / Motel feature.
1	AUTO RDL COUNTER	05	01-99	Set the number of times the Auto Redial feature will redial an external number before cancelling.
2	DISA CALL CNTER	99	01-99	Set the maximum number of intercom calls a DISA user can make after successfully logging in to the DISA trunk.
3	DISA LOCK CNTER	03	01-99	Set the maximum number of invalid login attempts before the DISA trunk is locked out for the duration of the <b>DISA LOCK OUT TM</b> (set in <a href="#">MMC 501</a> ).

**MMC: 500**

OPTION		DEFAULT	RANGE	DESCRIPTION
4	NEW CALL COUNTER	99	01-99	Set the maximum number of times a user may initiate a new call on a trunk without hanging up by pressing the <b>NEW</b> programmable button or soft key. Once reached the user must hang up the line before making another call.
5	UCDS VISUAL ALAM	00	00-25	Set the number of calls that can be in queue for a <b>UCD</b> group (set in <a href="#">MMC 601</a> ) before associated <b>SP</b> buttons (set in <a href="#">MMC 722</a> or <a href="#">MMC 723</a> ) will begin to flash.
6	UCDS AUDIO ALARM	00	00-25	Set the number of calls that can be in queue for a <b>UCD</b> group (set in <a href="#">MMC 601</a> ) before associated <b>SP</b> buttons (set in <a href="#">MMC 722</a> or <a href="#">MMC 723</a> ) will begin to flash and ring an alarm to the keyset.
7	UCD CS LEVEL 1	00	00-25	Set the number of calls that can be in queue for a <b>UCD</b> group (set in <a href="#">MMC 601</a> ) before associated <b>CS</b> buttons (set in <a href="#">MMC 722</a> or <a href="#">MMC 723</a> ) will begin to flash amber.
8	UCD CS LEVEL 2	00	00-25	Set the number of calls that can be in queue for a <b>UCD</b> group (set in <a href="#">MMC 601</a> ) before associated <b>CS</b> buttons (set in <a href="#">MMC 722</a> or <a href="#">MMC 723</a> ) will begin to flash red.

**OPENING DISPLAY**

Press TRANSFER 500.  
Display shows.

**ALARM REM. COUNTER**  
**05→**

**DEFAULT DATA:**

<b>ALARM REM. COUNTER:</b>	<b>05</b>
<b>AUTO RDL COUNTER:</b>	<b>05</b>
<b>DISA CALL COUNTER:</b>	<b>99</b>
<b>DISA LOCK COUNTER:</b>	<b>03</b>
<b>NEW CALL COUNTER:</b>	<b>99</b>
<b>UCDS VISUAL ALARM:</b>	<b>00</b>

## MMC: 500

UCDS AUDIO ALARM:	00
UCD CS LEVEL 1:	00
UCD CS LEVEL 2:	00

**RELATED ITEMS:**    [MMC 501 SYSTEM-WIDE TIMERS](#)

**MMC: 501****SYSTEM TIMERS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to adjust system timers as necessary. Individual timers are defined below. Many timers support a time of 0, which will disable the option entirely.

OPTION		DEFAULT	RANGE	DESCRIPTION
03	ALARM TIME	0100 MIN	0000-2500 MIN	Set the wait time between SYSALM calls. This timer is cancelled when the alarm is cleared (the call is answered). <i>The ALARM key is only available on OfficeServ 7200 and OfficeServ 7400 systems.</i>
04	ALERT TONE TIME	0800 MS	100–2500 MS	Set the duration of the alert tone that precedes Off Hook Voice Announce, Auto Answer, and Forced Auto Answer calls.
05	ALM REM.INTERVAL	025 SEC	1–250 SEC	Set the wait time between alarm reminder calls to a station. This includes Alarm Clock alarms set in <a href="#">MMC 112</a> , Alarm Reminders set in <a href="#">MMC 116</a> , and Wake Up calls set by the Hotel / Motel feature.
06	ALM REM.RING OFF	20 SEC	1–25 SEC	Set the length of time alarm reminders ring at a station. This includes Alarm Clock alarms set in <a href="#">MMC 112</a> , Alarm Reminders set in <a href="#">MMC 116</a> , and Wake Up calls set by the Hotel / Motel feature.

**MMC: 501**

OPTION		DEFAULT	RANGE	DESCRIPTION
07	ATT. RECALL TIME	030 SEC	0–250 SEC	Set the length of time a hold or transfer recall will ring at a station before routing to the system operator.
08	AUTO REDIAL INT.	030 SEC	1–250 SEC	Set the length of time between attempts when the auto redial feature is invoked.
09	AUTO REDIAL RLS.	045 SEC	1–250 SEC	Set the length of time the auto redial feature will attempt to retry the call before cancelling.
15	CALLBACK NO ANS	030 SEC	001–250 SEC	Set the length of time the Callback feature will ring to the originating station before cancelling the Callback.
16	CAMP ON RECALL	030 SEC	000–250 SEC	Set the wait time before a call camped-on to a station will recall the station.
17	CID MSG RECEIVE	06 SEC	01–25 SEC	Set the length of time the system will wait for a Caller ID message to be received on an analog CO call.
18	CID DSP ALLOC TM <i>This option is available in OfficeServ 7200 and OfficeServ 7400 systems only</i>	500 MS	000-900 MS	Set the amount of time the system will wait for the Caller ID message to be completed after the first signal is received.
19	CID DISPLAY TIME	05 SEC	01–25 SEC	Set the duration of the Caller ID display on a ringing station.
22	CO–CO DISCONNECT	20 MIN	001–250 MIN	Set the maximum duration of an unsupervised CO conference (where two CO lines are in conversation without any stations connected). When this timer ends, disconnect both CO lines.
24	CONFIRM TONE TM	1000 MS	0100–2500 MS	Set the duration of the tone heard when a feature is activated or deactivated.
25	CRD TONE INT TM	030 SEC	000–250	Set the interval for the Call Recording notification tone. The tone is heard by both parties as required by law in some states. <i>The system Call Recording feature requires a Samsung Voicemail.</i>

## MMC: 501

OPTION	DEFAULT	RANGE	DESCRIPTION	
28	DIAL PASS TIME	03 SEC	00–25 SEC	Set the amount of time the system will wait after the last digit is dialed before connecting the station to the CO line.
29	DISA DISCONNECT	030 MIN	001–250 MIN	Set the maximum duration of a DISA call.
30	DISA DTMF DETECT	000 SEC	000-250 SEC	Set the length of time to listen for DTMF on a DISA line.
31	DISA LOCK OUT TM	030 MIN	001–250 MIN	Set the amount of time the user is locked out after the <b>DISA LOCK CNTR</b> set in <a href="#">MMC 500</a> has been reached.
32	DISA NOANS DISC.	030 SEC	000–250 SEC	Set the amount of time the system will allow a DISA caller to ring to another station before disconnecting the DISA line.
33	DISA PASS CHECK	030 MIN	001–250 MIN	Set the length of time that invalid password attempts are stored.
34	DISA NO ACTION	10 SEC	01-25 SEC	Set the length of time the system will wait for the DISA caller to take an action before disconnecting the DISA line.
35	DISPLAY DELAY TM	003 SEC	001–250 SEC	Set the duration of feature activation / deactivation displays on a station.
36	DOOR LOCK RELES.	0500 MS	0100–2500 MS	Set the duration of time the door lock relay will be closed once activated.
37	DOOR RING DETECT	050 MS	010–990 MS	Set the duration of time before a call is answered by the door phone.
38	DOOR RING OFF TM	030 SEC	001–250 SEC	Set how long a call will ring at the door phone’s ring destination before automatically canceling.
39	E-HOLD RECALL TM	045 SEC	000–250 SEC	Set the duration of time a call is held exclusively at a station before recalling.
40	EMERG CLEAR TIME	30 MIN	01–30 MIN	Set the duration, in minutes, that a BRI emergency message will display on a keyset. <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>

## MMC: 501

OPTION	DEFAULT	RANGE	DESCRIPTION
41	EMERG RETRY TIME	020 SEC	001–250 SEC Set the interval, in seconds, between BRI emergency message attempts. <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>
43	FIRST DIGIT TIME	010 SEC	001–250 SEC Set the amount of time to wait for a station to dial the first digit before giving an error.
44	HOK FLASH MAX TM	0800 MS	0020–2500MS Set the maximum duration of a hook flash to ensure that the flash is valid and not a hang up.
45	HOK FLASH MIN TM	0350 MS	0020–2500MS Set the minimum duration of a hook flash to ensure that the flash is valid and not line noise or an accidental hook switch bounce.
46	HOOK OFF TIME	0100 MS	0020–2500 MS Set the time before dial tone is sent to a Single Line Telephone.
47	HOOK ON TIME	1000 MS	20–2500 MS Set the minimum on-hook time before a Single Line Telephone is considered disconnected.
48	INQUIRY RELEASE	030 SEC	001–250 SEC Set the duration of the display before returning to an idle display after invoking the Caller ID Inquiry feature.
49	INTER DIGIT TIME	010 SEC	001–250 SEC Set the maximum time to wait between dialed digits for outgoing calls. <i>This timer does not affect ISDN PRI CO Lines or LCR calls.</i>
50	ISDN INT DGT TM	03 SEC	01-60 SEC Set the maximum time to wait between dialed digits when a call is made on an ISDN PRI CO line.
51	KMMC LOCK OUT TM	030 SEC	010–250 SEC Set the maximum time with no action before automatically logging a station out of Programming Mode.
52	LCR ADVANCE TIME	005 SEC	001–250 SEC Set the time to wait for a CO line before advancing to the next highest LCR route.
53	LCR INTER DIGIT	005 SEC	1–250 SEC Set the maximum time to wait between dialed digits when making LCR calls.

## MMC: 501

OPTION		DEFAULT	RANGE	DESCRIPTION
54	LONG KEY DETECT	0600 MS	0000-2500 MS	Set the time a key must be held down before the key press is repeated.
55	LONG KEY REPEAT	0300 MS	0000-2500 MS	Set the interval to repeat digits during a long key press.
57	MS LED ON TIME	05 SEC	01-10 SEC	Set the duration a Manual Signaling ( <b>MS</b> ) key will remain lit after use.
58	OFF HOK RING INT	015 SEC	001–250 SEC	Set the time between ring bursts to a user who has a camped-on call.
60	OHVA ANSWER TIME	010 SEC	001–250 SEC	Set the duration of an unanswered OHVA call before automatic rejection.
61	PAGE TIME OUT	020 SEC	001–250 SEC	Set the maximum duration of a page announcement.
62	PAGE TONE TIME	0500 MS	0100–2500 MS	Set the duration of alert tone heard over the paging system prior to the page announcement.
63	PARK RCALL TIME	045 SEC	000–250 SEC	Set the amount of time a call can hold in a Park Orbit before recalling to the call park originator.
64	AP-MMC LOCK TIME	05 MIN	01–60 MIN	Set the maximum time with no action before automatically logging the Installation Tool application out of Programming Mode.
65	PERI UCD REPORT	05 SEC	03-99 SEC	Set the interval between generating Periodic UCD reports.
66	POWER DOWN TIME	2000 MS	0500–9900 MS	Set the delay before shutting the system down when a System Reset is initiated.
72	RECALL DISCONNECT	002 MIN	001–250 SEC	Set the time that a call will ring to the system operator before disconnecting. This only affects calls recalling to the system operator as a result of <b>ATT. RECALL TIME</b> .
73	RECALL WAIT TIME	015 SEC	000–250 SEC	Set the time a hold or transfer waits before recalling to the station.
74	ROUTE OPTIMISE	005 SEC	000–250 SEC	Set the time before attempting to move a call to a different trunk when making calls over a PRI circuit set as <b>Q-SIG</b> in <a href="#">MMC 821</a> .
76	SMDR START /DP	030 SEC	001–250 SEC	Set the time to wait before tracking a Pulse Dialing CO call in SMDR records.

**MMC: 501**

	OPTION	DEFAULT	RANGE	DESCRIPTION
77	SMDR START /DTMF	015 SEC	1–250 SEC	Set the time to wait before tracking a DTMF Dialing CO call in SMDR records.
78	SYS HOLD RECALL	045 SEC	000–250 SEC	Set the maximum time a call can be left on hold before recalling back to the holding station.
80	TRANSFER RECALL	020 SEC	000–250 SEC	Set the maximum time transferred call rings a station before recalling to the transferring station.
81	TRK AUTOMOH DISC	060 SEC	001-250 SEC	Set the duration Music On Hold will play before disconnecting the DISA line when <b>DISA MOH</b> is set to <b>ON</b> in <a href="#">MMC 210</a> .
82	TSW CONN. DELAY	00 SEC	00–10 SEC	Set the time between connecting the two CO lines when an incoming CO line is connected to and outgoing CO line.
83	UCDS AUDIO ALARM	000 SEC	000–990 SEC	Set the maximum time a call can wait at a UCD group (set in <a href="#">MMC 601</a> ) before playing an alarm tone to Supervisors for the group.
84	UCDS VISUAL ALAM	000 SEC	000–990 SEC	Set the maximum time a call can wait at a UCD group (set in <a href="#">MMC 601</a> ) before sending a visual alarm to Supervisors for the group.
85	VM RBK DELAY TM	000 SEC	000-250 SEC	Set the delay before playing VM Ringback tones to the Color Ring (set in <a href="#">MMC 400</a> ) and Distinctive Ring (set in <a href="#">MMC 419</a> ) features.
88	VOIP RE-ROUTE TM	15 SEC	02–25 SEC	Set the time to wait before receiving a call acceptance message from the service provider before giving an error on outgoing IP CO lines.

**OPENING DISPLAY**

Press TRANSFER 501.  
Display shows first timer value.

**ALARM TIME**  
**0100 MIN**

**DEFAULT DATA:** SEE TABLE ABOVE

**RELATED ITEMS:** NONE

**MMC: 502****STATION-WIDE TIMERS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to adjust station timers as necessary on a per-station basis. Individual timers are defined below. Many timers support a time of 0, which will disable the option entirely.

OPTION	NAME	DEFAULT	RANGE	DESCRIPTION
0	NO ANS FWD	015 SEC	001–250 SEC	Set the duration, in seconds, that a call will ring at this station before being forwarded to the <b>NO ANS</b> destination set in <a href="#">MMC 102</a> .
1	DTMF DUR.	0100 MS	0100–9900 MS	Set the duration, in milliseconds, of the DTMF tone generated when the user presses a key.
2	F-DGT DELY	0600 MS	0100–9900 MS	Set the delay, in milliseconds, before sending the first DTMF digit to a trunk from this station.
3	OFFHK SEL.	008 SEC	000–250 SEC	Set the duration, in seconds, to provide system dial tone before the <b>HOT LINE</b> feature (set in <a href="#">MMC 302</a> ) takes effect.
4	EFWD DELAY	010 SEC	000–250 SEC	When the <b>NO ANS</b> destination (set in <a href="#">MMC 102</a> ) for this station is an external number and an intercom call is received, override the <b>NO ANS FWD</b> timer and use this timer instead. This allows internal stations to be forwarded on a shorter timer than external callers.

## MMC: 502

OPTION	NAME	DEFAULT	RANGE	DESCRIPTION
5	CC RNG DLY	010 SEC	000–250 SEC	Set the delay, in seconds, to ring a call at this station before ringing begins at stations that have a Call Coverage ( <b>CC</b> ) key for this station.
6	PING RING	000 SEC	000–250 SEC	When this station is a member of a Pickup Group in <a href="#">MMC 302</a> and the system <b>PING RING</b> option is set to <b>YES</b> in <a href="#">MMC 861</a> this timer will control the duration a call should ring at this station before other stations receive ringing.
7	TRK LIM TM	000 MIN	000–250 MIN	Set the maximum duration, in minutes, of an outbound BRI call. <i>BRI cards are not sold in the US, so this option has no effect in US software.</i>

### OPENING DISPLAY

Press TRANSFER 502.  
Display shows.

[201] NO ANS FWD  
010 SEC →

**DEFAULT DATA:** SEE ABOVE

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

**MMC: 503****TRUNK-WIDE TIMER****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to set timers relating to trunks on a per-trunk basis.

**NOTE: It is not advisable to change these timers, except FLASH TIME, without assistance from Samsung Technical Support.**

OPTION		DEFAULT	RANGE	DESCRIPTION
00	ANS.BAK TM	0600 MS	0000–2500 MS	This timer is used for certain types of E&M signaling and does not affect normal CO lines, PRI circuits, or SIP trunks.
01	CLEARING	2000 MS	0100–9900 MS	This timer ensures that a call is fully disconnected by preventing any inbound or outbound calls on the trunk between disconnection and the expiration of this timer.
02	CO SUPV TM	0400 MS	0010–2500 MS	Set the minimum length of loop-open disconnects received from the CO that will be seen as a valid disconnect.
03	DTMF DUR.	0100 MS	0100–9900 MS	Set the length of the DTMF digits that will be sent to the CO on this line.
04	F-DGT DELY	0600 MS	0100–9900 MS	Set the length of time the system will wait for CO line conditions to stabilize before sending DTMF digits.
05	FLASH TIME	0600 MS	0020–2500 MS	Set the duration of the momentary open sent on a circuit flagged as <b>PBX</b> in <a href="#">MMC 401</a> .

**MMC: 503**

OPTION		DEFAULT	RANGE	DESCRIPTION
06	NO RING TM	OfficeServ 7200 / OfficeServ 7400: 07 SEC  OfficeServ 7030 / OfficeServ 7100 / OfficeServ 7200S: 06 SEC	01–25 SEC	Set the length of time the system will wait for Caller ID to be received on an analog CO line before ringing the call through. This ensures that caller ID can be sent to a station before the call rings.
07	PAUSE TIME	03 SEC	01–25 SEC	Set the length of a pause characters in a Speed Dial string.
09	RNG DET TM	0050 MS  <i>For Analog trunks this timer defaults to 0400 MS on the OfficeServ 7200 and 7400 and 0250 MS for the other OfficeServ 7000 Series systems</i>	0010–2500 MS	Set the minimum length of ring signal the system will regard as a valid ring.
10	WINK TIME	200 MS	100-300 MS	Set the duration of the acknowledgment signal that the system will send on an E&M circuit.
11	MF/DP INT	0800 MS	0100–9900 MS	Set the interval time between sending digits.
12	MFR DLY TM	00 SEC	00–25 SEC	Set a delay before a receiver will listen for DTMF on an incoming call.
13	DISA ANSWR	01 SEC	00–60 SEC	Set the delay time to answer a DISA trunk call or to answer a trunk that has <b>TRK AUTO ANSWER</b> set to <b>ON</b> in <a href="#">MMC 400</a> .
14	CONN DELAY	0000 MS	0000–2500 MS	Set the delay time before connecting voice path when a user makes an outgoing call on this trunk. This is to prevent the user from hearing noise when an analog trunk is connected.

**OPENING DISPLAY**

Press TRANSFER 503.  
Display shows.

**[ 701 ] ANS.BAK TM**  
**0600 MS →**

**DEFAULT DATA:    SEE ABOVE**

**RELATED ITEMS:    NONE**

# MMC: 504 PULSE MAKE/BREAK RATIO

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to set timers used when making calls to Pulse Dialing CO lines.

OPTION	NAME	DEFAULT	RANGE	DESCRIPTION
0	MAKE/BREAK RATIO	33 MAKE	01-99 MAKE	Set the percentage of the pulse signal that will be high. The remainder of the signal will be low.
1	PULSE PER SECOND	10 PPS	10 or 20 PPS	Set the speed of pulses.

## OPENING DISPLAY

Press TRANSFER 504  
Display shows

**MAKE/BREAK RATIO**  
**33 MAKE~**

**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 of Week	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
HH	Hour	00–23
MM	Minute	00–59

### OPENING DISPLAY

Press TRANSFER 505.  
Display shows.

**OLD:6010184:0047**  
**NEW:WMMDDYY:HHMM**

**DEFAULT DATA: FOLLOW SOFTWARE DATE 12:00**

**RELATED ITEMS: NONE**

## MMC: 506

## TONE CADENCE

### DESCRIPTION:

Provides the ability to customize the tone cadence on a system-wide basis. There are ten tone cadences available. Please call Technical Support before changing any cadences as some systems may require default settings.

<u>TONE NAME</u>	<u>DESCRIPTION</u>
BUSY TONE	The called station is busy.
CONFM/BARGE	A feature has been successfully activated/cleared or a Barge In with Tone has been performed.
DIAL TONE	The system is ready to interpret key presses/dialed digits.
DND/NO MORE	The called station is in DND or has no free CALL buttons.
ERROR TONE	An error has been made.
HOLD/CAMPON	This is the system generated hold tone.
MSGWAT TONE	This is the dial tone heard at an SLT with a message waiting.
RGBACK TONE	The called station is ringing.
RING TONE	This is the CO ring cadence.
TRSFER TONE	This is the dial tone heard when the transfer key is pressed or an SLT hook flashes.
DID RGBACK	This is the ringback tone heard by the outside party when they dial a DID number.

### OPENING DISPLAY

Press TRANSFER 506.  
Display shows.

**BUSY TONE**  
**CONTINUOUS TONE**

**MMC: 506**

**DEFAULT DATA: SEE BELOW FOR CADENCES. BY DEFAULT DIAL TONE AND MESSAGE WAIT TONE ARE CONTINUOUS.**

	<b>TONE</b>	<b>ON</b>	<b>OFF</b>	<b>ON</b>	<b>OFF</b>	<b>TONE</b>
0	BUSY TONE	500	500	500	500	Interrupt
1	CONFIRM/BARGE-IN TONE	50	50	50	50	Interrupt
2	DIAL TONE	1000	250	1000	250	Continuous
3	DND/NO MORE TONE	250	250	250	250	Interrupt
4	ERROR TONE	250	250	250	250	Interrupt
5	HOLD/CAMP-ON TONE	500	3500	500	3500	Interrupt
6	MESSAGE WAIT TONE	1000	250	1000	250	Continuous
7	RING BACK TONE	1000	3000	1000	3000	Interrupt
8	RING TONE	1000	3000	1000	3000	Interrupt
9	TRANSFER TONE	100	100	100	100	Interrupt
10	DID RINGBACK TONE	2000	4000	2000	4000	Interrupt

NOTE: All times are in milliseconds.

**RELATED ITEMS: NONE**

## MMC: 507

## ASSIGN RING PLAN TIME

### DESCRIPTION:

Use this MMC to program Ring Plans time settings. Ring Plans provide six separate ringing destinations based on day of the week and time of day. The start time within a plan is the time the system will switch from one ringing destination to the next. The end time is the time the system will switch from that plan to the previous plan. A RPO (Ring Plan Override) key is not needed as the system will switch automatically; however, it is helpful to have a dedicated button so the status can be manually changed if needed. If a ring plan has no time entry the ring plan defaults to ring plan 1. The ring plans correlate with all MMC's that program ring or termination destinations and station and trunk COS.

Use the following example of assigning Ring Plans:

RING PLAN	START TIME	END TIME
(MON: 1)	ST: 0000	END: 23:59
(MON: 2)	ST: 0800	END: 2200
(MON: 3)	ST: 1000	END: 2000
(MON: 4)	ST: 1200	END: 1800
(MON: 5)	ST: 1300	END: 1600
(MON: 6)	ST: 1400	END: 1500

Using a 24 hour clock in the example above notice that the END time is within the same 24 hour period. The system will stay in the last active Ring Plan from the previous day until the end time which is 23:59. Monday starts the Ring Plan 1 at 00:00. The system will stay Ring Plan 1 until 08:00 and will stay in Ring Plan 2 until Ring Plan 3 starts. As each ring Plan start it will override the previous Ring Plan. If a Ring Plan ends and there are no additional Ring Plans the system will default to the Ring Plan with time that extends past the expired ring plan time.

Note 1: Ring Plans must be programmed in sequence. IE. RP 1,2,3,4 etc.

A Ring Plan cannot be omitted. IE. RP 1,2,5 etc.

A higher numbered Ring Plan cannot have a START time before a lower numbered Ring Plan.

Note 2: Ring Plan 1 is the default Ring Plan of each day. If no Ring Plan destination is input the operator group (500/5000) is the default destination.

## MMC: 507

### FEATURE KEYS

0	SUN	4	THU
1	MON	5	FRI
2	TUE	6	SAT
3	WED		

### OPENING DISPLAY

Press TRANSFER 507.  
Display shows.

**RING PLAN (SUN:1)**  
**ST:0000 END:0000**

**DEFAULT DATA:**     **START: NONE**     **END: NONE**

**RELATED ITEMS:**     [MMC 211 DOOR PHONE](#)  
                              [MMC 406 TRUNK RING](#)  
                              [MMC 421 TRUNK COS](#)  
                              [MMC 701 STATION COS](#)  
                              [MMC 722 STATION KEY PROGRAMMING](#)  
                              [MMC 723 SYSTEM KEY PROGRAMMING](#)  
                              [MMC 512 HOLIDAY ASSIGNMENTS](#)

# MMC: 510

# SLI RING CADENCE

## DESCRIPTION:

Provides the ability to customize the receiving ring cadence for single line ports on a system-wide basis. There are 5 cadences available. Please call Technical Support before changing any cadences as some peripheral systems may require default settings.

CADENCE NAME	DESCRIPTION
1:STN RING	This is the cadence incoming intercom calls will ring at.
2:TRK RING	This is the cadence incoming trunk calls will ring at.
3:DOOR RING	This is the cadence incoming doorphone calls will ring at.
4:ALM RING	This is the cadence incoming alarm reminder calls will ring at.
5:CBK RING	This is the cadence callbacks will ring at.

## OPENING DISPLAY

Press TRANSFER 510.  
Display shows.

**1:STN RING :0400  
0200 0400 3000**

## DEFAULT DATA: SEE BELOW

	CADENCE	ON	OFF	ON	OFF
1	STN RING	0400	0200	0400	3000
2	TRK RING	1000	3000	1000	3000
3	DOOR RING	0400	0100	0400	2000
4	ALM RING	0200	0200	0200	2000
5	CBK RING	0200	0200	0200	4000

NOTE: All times are in milliseconds.

## RELATED ITEMS: NONE

# MMC: 511 MSG WAITING LAMP CADENCE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to define the cadence (flash rate) of Single Line Telephone message waiting lamps on phones connected to a 16MWSLI card.

OPTION	NAME	DEFAULT	RANGE	DESCRIPTION
0	INTERRUPT LED	1000 MS	0100-3000 MS	Flash the lamp at a specified interval. The first timer sets the "on" time, the second defines the "off" time.
1	CONTINUOUS LED	-	-	Do not flash the lamp, leave it steadily lit.

## OPENING DISPLAY

Press TRANSFER 511.  
Display shows.

**MW LAMP CADENCE**  
**INTERRUPT LED**

**DEFAULT DATA:**    **INTERRUPT LED (1000 MS 1000 MS)**

**RELATED ITEMS:**    **16MWSLI CARD ONLY**

## MMC: 512

## HOLIDAY ASSIGNMENT

### DESCRIPTION: **[Applies to v.4.30 or Higher]**

This MMC defines up to 60 holiday dates throughout the year. The system will override the normal ring plan for these days and remain in the ring plan associated with the holiday. Dates are entered in a month day format. For example July 4th would be 0704. Each holiday has an associated Ring Plan and Voicemail Ring Mode. Voicemail Ring Modes are sent to the SVMi-20E and OfficeServ IP-UMS to set the operating mode for the voicemail system.

### OPENING DISPLAY

Press TRANSFER 512.  
Display shows Holiday 1.

	:MM/DD	:RP	:VM
<u>01</u> :	/	:	:

**DEFAULT DATA:**     **NO HOLIDAYS ASSIGNED**

**RELATED ITEMS:**     [MMC 507 ASSIGN RING PLAN TIME](#)  
                              [MMC 406 TRUNK RING](#)  
                              **SVMi-20E Card**

**MMC: 513****HOTEL / MOTEL TIMERS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

*This is a Hotel / Motel specific MMC. When **HOTEL SERVICE** is set to **DISABLE**, in **MMC 813**, this MMC will display an error that reads "HOTEL DISABLED".*

**NOTE:** Although this MMC is available in the OfficeServ 7030 it cannot be used as **HOTEL SERVICE** cannot be enabled on the MP03 processor. **HOTEL SERVICE** may only be enabled on the OfficeServ 7200 and OfficeServ 7400 systems.

This MMC allows the technician to set the check out time for guest rooms, the room clean timers, and the check in grace period timer. These are system wide timers that affect all rooms.

OPTION	NAME	DESCRIPTION
0	CHECK OUT TIME	Automatically add a one day charge to the room bill If a room is occupied during the checkout time. If a room is flagged as HOLD the additional day charge will not be added. Setting a room status to HOLD allows a late checkout to be performed.
1	ROOM CLEAN TIME	Set the time each day that the system will flag all occupied rooms as NEEDS CLEANING.
2	CHECK IN END TIME	Set the beginning of the Check In Grace Period. Any room checked in after this time, but before the Check Out Time, will not be charged an additional day of room charge when the Check Out Time is reached.

**OPENING DISPLAY**

Press TRANSFER 513  
Display shows

**CHECK OUT TIME**  
**HH:MM:**

---

**MMC: 513**

**DEFAULT DATA: NONE**

**RELATED ITEMS: NONE**

## MMC: 515    ASSIGN DAYLIGHT SAVINGS DATES

### DESCRIPTION:

Allows the Technician to program the start dates and end dates of daylight saving time on a system for the current year and the next 9 years. System will automatically add 1 hour to the system clock at 02.00 (2.00 am) on the Start date and subtract 1 hour from the system clock at 02.00 (2.00 am) on the End date.

The US starts daylight savings time on the first Sunday in April and ends on the last Sunday in October.

### OPENING DISPLAY

Press TRANSFER 515.  
Display shows.

**NO:YY:START:END**  
**01:13:0407 :1027**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 505 DATE & TIME](#)

# MMC: 600      ASSIGN OPERATOR GROUP

## DESCRIPTION:

Used to assign an operator group for each ring plan.

## OPENING DISPLAY

Press TRANSFER 600.  
Display shows.

OPERATOR GROUP	
1 : <u>5</u> 00	2 : 500

**DEFAULT DATA:**    1~6 : 500

**RELATED ITEMS:**    [MMC 211 DOOR RING ASSIGNMENT](#)  
                              [MMC 406 TRUNK RINGING ASSIGNMENT](#)  
                              [MMC 601 ASSIGN STATION GROUP](#)  
                              [MMC 602 STATION GROUP NAME](#)

**MMC: 601****ASSIGN STATION GROUP****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC is used to build station groups. Station groups are used to easily route calls in a specific pattern to stations in the system. This can include call center (UCD) groups, Voicemail groups, and system operator or attendant groups.

The maximum number of station groups varies by system as follows:

OPTION	OS 7030	OS 7100	OS 7200-S	OS 7200	OS 7400
STATION GROUPS	10	20	20	40	80

OPTION	NAME	VALUE	DESCRIPTION
00	TYPE	00	NORMAL GRP This is the standard group type used to allow multiple stations to answer calls to a main line and accepts stations, common bell relays, and ring over page relays. This type of group is most commonly used for attendant groups and operator groups.
		01	VMAA GROUP This group type is used for connecting a 3 <sup>rd</sup> party voicemail system to the OfficeServ system. Members of this group must be Single Line Telephone (SLT) ports set as <b>VMAA PORT</b> in <a href="#">MMC 207</a> . Integration options are configured in <a href="#">MMC 726</a> .

**MMC: 601**

OPTION	NAME	VALUE	DESCRIPTION
		02 UCD GROUP	This group type is used for call center applications. It allows calls to route to agents in a uniform pattern, and also allows call queuing and special agent functions. Groups of this type can have call center options configured in <a href="#">MMC 607</a> . To enable call queuing, the <b>NEXT PORT</b> for the group must be set to a group with a <b>TYPE</b> of <b>VMSUCD</b> .
		04 BI-VMS GRP	This group type is used to set the Samsung Voicemail group. Members of this group must be Samsung Voicemail ports.
		05 MSG GROUP	This group type allows a number of extensions to serve as a message desk or message group. When a station in this group leaves a message to another station the messaged station will return the message to the message group so any member can answer the call. If a station is a member of more than one message group, then any message indications made by that station would be for the first numerical message group they are a member of. It is not recommended to program stations in to multiple <b>MSG GROUP</b> groups.
		07 VMSUCD GRP	This group type is used to provide UCD Queue announcements, Hotel / Motel Wake-Up Call announcements, and Color Ring announcements. Members of this group must be Samsung Voicemail ports.
		08 AA ONLY VM <i>This option is only available on OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S systems.</i>	This group type is used to set an Automated Attendant (AA) group. AA groups are used to allow interactive call routing similar to a normal Samsung Voicemail, but without the ability to leave messages in a Mailbox block. All Mailbox blocks will be treated as Announce Only when calls arrive to the Samsung Voicemail from an <b>AA ONLY VM</b> group. Members of this group must be Samsung Voicemail ports.

## MMC: 601

OPTION	NAME	VALUE		DESCRIPTION
		13	VCS GROUP	This group type is reserved for future use and has no effect in current software.
01	RING	0	SEQUENTIAL	Calls will route to <b>MEMBER</b> stations in a top-down list. Calls will always ring to <b>MEMBER 01</b> unless the member is busy or logged out.
		1	DISTRIBUTE	Calls will route to <b>MEMBER</b> stations in a distributed pattern. This means the first call to the group will ring attempt to ring to <b>MEMBER 01</b> , the second call will ring to <b>MEMBER 02</b> , etc. This helps to ensure that calls are spread among agents equally.
		2	UNCONDITION	Calls ring to all <b>MEMBER</b> stations at once. When any <b>MEMBER</b> answers the call it will stop ringing at the other <b>MEMBER</b> stations. <i>UNCONDITION ring groups are limited to 32 members in all systems except the OfficeServ 7030 which is limited to 16.</i>
02	OVERFLOW	-		Set the time (000-250 seconds) a call will ring to the group before ringing to the <b>NEXT PORT</b> . Calls ringing to the <b>NEXT PORT</b> will continue to ring at both the <b>NEXT PORT</b> and the group until answered.
03	GRP TRSF	-		Set the time (000-250 seconds) that a call transferred to the group will ring before recalling to the transferring station.
04	NEXT PORT	-		Set the destination calls will ring to after the <b>OVERFLOW</b> timer expires, if set. This can be any station or station group in the system. <i>Although a station can be in multiple station groups it is imperative that a group does not have a NEXT PORT of a station group that shares any member stations. Doing so will cause severe system instability.</i>
05	MEMBER	01-XX		Set the members of the station group. <i>In the OfficeServ 7030 station groups are limited to 16 members.</i> <i>In the OfficeServ 7100, and OfficeServ 7200-S systems station groups are limited to 32 members.</i> <i>In the OfficeServ 7200 and OfficeServ 7400 systems station groups are limited to 99 members.</i>

## MMC: 601

OPTION	NAME	VALUE		DESCRIPTION
06	NXT HUNT	-		Set the time (000-250 seconds) a group call will ring at a member before rolling over to the next free member.
07	GROUP BUSY	1	ON	When all station members are busy callers to the group will receive a busy signal.
		0	OFF	Calls to the group will continue to ring even if all members are busy.
08	GRP AUTOANS <i>This option is not available for groups with RING set to UNCONDITION.</i>	1	ON	When a station group member is set for <b>AUTO ANSWER MODE</b> in <a href="#">MMC 110</a> calls to the group will auto answer to that member.
		0	OFF	Group calls will circumvent any auto answer setting for the members of the group, ringing at the station instead of auto answering.
09	ALLOUT NEXT	1	ON	When all members of the group have logged out calls to the group will immediately ring to the <b>NEXT PORT</b> .
		0	OFF	Calls to the group will follow the <b>OVERFLOW</b> timer even if all members have logged out of the group.
10	RBT MSG <i>This option is not available for groups with a TYPE of BI-VMS GRP, VMSUCD GRP, or AA ONLY GRP.</i>	-	-	<p>Set a 4 digit Samsung Voicemail prompt number that will be used in place of ringback tone when calls reach this group. A setting of <b>F-STN</b> can be set instead of a 4 digit prompt number. When set, callers will hear the prompt specified by <a href="#">MMC 326</a> for the station group member the call is delivered to. If no prompt is specified for the group member normal ringback tone will be heard.</p> <p><i>In order to hear the ringback tone intercom callers must have <b>VM RBACK</b> set to <b>YES</b> in <a href="#">MMC 419</a> and trunk callers (including SPNet trunk callers) must have the <b>VM RBACK</b> set to <b>YES</b> in <a href="#">MMC 419</a> as well as having <b>COLORRING AS</b> set to <b>ON</b> in <a href="#">MMC 400</a>.</i></p> <p><i>The available prompts are 0001-9999, but pre-recorded prompts exist at the following locations: 0001~1004, 5049~5064, 9000~9999. It is recommended that these prompt ranges be avoided when setting ringback tones.</i></p>

## OPENING DISPLAY

## MMC: 601

Press TRANSFER 601.  
Display shows.

[500] STN GROUP  
TYPE: NORMAL GRP

### DEFAULT DATA: STATION GROUP 500 / 5000

TYPE:	NORMAL GRP
RING:	UNCONDITION
OVERFLOW:	035 SEC
GRP TRSF:	000 SEC
NEXT PORT:	NONE
MEMBERS:	FIRST DLI PORT
NXT HUNT:	000 SEC
GROUP BUSY:	OFF
GRP AUTOANS:	OFF
ALLOUT NEXT:	OFF
RBT MSG:	NONE

### ALL OTHER STATION GROUPS

TYPE:	NORMAL GRP
RING:	SEQUENTIAL
OVERFLOW:	035 SEC
GRP TRSF:	000 SEC
NEXT PORT:	NONE
MEMBERS:	NONE
NXT HUNT:	000 SEC
GROUP BUSY:	OFF
GRP AUTOANS:	OFF
ALLOUT NEXT:	OFF
RBT MSG:	NONE

### OfficeServ 7200 and OfficeServ 7400

#### STATION GROUP 539 / 5039 / 549 / 5049

TYPE:	BI-VMS GRP
RING:	SEQUENTIAL
OVERFLOW:	035 SEC
GRP TRSF:	000 SEC
NEXT PORT:	NONE
MEMBERS:	NONE
NXT HUNT:	000 SEC
GROUP BUSY:	OFF
GRP AUTOANS:	OFF
ALLOUT NEXT:	OFF

## MMC: 601

### OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S STATION GROUP 509 / 519

TYPE:	BI-VMS GRP
RING:	SEQUENTIAL
OVERFLOW:	035 SEC
GRP TRSF:	000 SEC
NEXT PORT:	NONE
MEMBERS:	ALL EMBEDDED SVM PORTS
NXT HUNT:	000 SEC
GROUP BUSY:	OFF
GRP AUTOANS:	OFF
ALLOUT NEXT:	OFF

RELATED ITEMS: [MMC 103 SET ANSWER MODE](#)  
[MMC 110 STATION ON/OFF](#)  
[MMC 203 ASSIGN UA DEVICE](#)  
[MMC 204 COMMON/LOUD BELL CONTROL](#)

**MMC: 602****STATION GROUP NAME****DESCRIPTION:**

Allows the system administrator or technician to enter an 11-character name to identify an individual station group.

Names are written using the keypad. Each press of a key selects a character. Pressing the next key moves 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 changes 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.

**• DCS KEYSETS**

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ;, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 602

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 602.  
Display shows.

[500] SGR NAME

**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****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the system administrator to assign 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 dialing plans.

**NOTE:** These trunk groups only affect outbound calling, inbound calls are unaffected by this MMC.

OPTION	NAME	VALUE	DESCRIPTION
0	TYPE	0	MIXED TRUNK Allow any type of trunk to be members of the group.
		1	NORMAL TRUNK Allow only Analog and T1 trunks to be members of the group.
		2	ISDN TRUNK Allow only ISDN PRI trunks to be members of the group.
		3	SIP TRUNK Allow only SIP-protocol VoIP trunks to be members of the group.
		4	H.323 TRUNK Allow only H.323-protocol VoIP trunks to be members of the group.
		5	SPNET TRUNK Allow only SPNet networking trunks to be members of the group.

**MMC: 603**

OPTION	NAME	VALUE	DESCRIPTION
		6	QSIG PRI
1	MODE	0	Select trunks from the group in an ordered, top-down list. Every call will attempt to use the first trunk member.
		1	Select trunks from the group in a distributed pattern. The first call will attempt to use the first trunk, the second call will attempt to use the second trunk, and so on.
2	MEMBER	01-XX	Assign the trunks used by this trunk group.

The number of trunk group members and the number of trunk groups is determined by the system in use according to the following:

OPTION	OS 7030	OS 7100	OS 7200-S	OS 7200	OS 7400
TRUNK GROUPS	5	11	11	30	30
MAX MEMBERS	8	60	60	99	99

**NOTE:** T1 trunks are only available on the OfficeServ 7200 and OfficeServ 7400 systems.

**NOTE:** The OfficeServ 7030 does not support H.323 trunks, T1 trunks, or PRI trunks.

**WARNING:** One trunk can appear in more than one trunk group. If necessary, delete the trunk member from other groups to prevent accidental access.

**OPENING DISPLAY**

Press TRANSFER 603.  
Display shows the first trunk group's type.

**[ 9 ]    TRK GROUP**  
**TYPE:MIXED TRUNK**

**DEFAULT DATA:**    **OfficeServ 7030**  
                          **TRUNK GROUP 9**  
                          **TYPE:        MIXED TRUNK**  
                          **MODE:       SEQUENTIAL**  
                          **MEMBERS:    ALL TRUNKS (Descending order)**

## MMC: 603

### TRUNK GROUP 802

**TYPE:** SIP TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL SIP TRUNKS (Ascending Order)

### TRUNK GROUP 803

**TYPE:** SPNET TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL SPNET TRUNKS (Ascending Order)

### ALL OTHER TRUNK GROUPS

**TYPE:** MIXED TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** NONE

### OfficeServ 7100 / 7200-S / 7200 / 7400

#### TRUNK GROUP 9

**TYPE:** MIXED TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL TRUNKS (Descending order)

#### With TEPRI/TEPRIa/TEPRI2 set for PRI (or a mix of PRI and T1):

##### TRUNK GROUP 801

**TYPE:** ISDN TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL PRI TRUNKS (Ascending Order)

#### With TEPRI/TEPRIa/TEPRI2 set for T1:

##### TRUNK GROUP 801

**TYPE:** MIXED TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL T1 TRUNKS (Ascending Order)

#### With no TEPRI/TEPRIa/TEPRI2 installed:

##### TRUNK GROUP 801

**TYPE:** MIXED TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** NONE

### TRUNK GROUP 803

**TYPE:** SPNET TRUNK

## MMC: 603

**MODE:** SEQUENTIAL  
**MEMBERS:** ALL SPNET TRUNKS (Ascending Order)

### TRUNK GROUP 804

**TYPE:** H.323 TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL H.323 TRUNKS (Ascending Order)

### TRUNK GROUP 805

**TYPE:** SIP TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** ALL SIP TRUNKS (Ascending Order)

### ALL OTHER TRUNK GROUPS

**TYPE:** MIXED TRUNK  
**MODE:** SEQUENTIAL  
**MEMBERS:** NONE

**RELATED ITEMS:** LCR PROGRAMMING

## MMC: 604 ASSIGN INTERNAL PAGE ZONES

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to assign stations to any of the five internal paging zones. Each page zone can have up to 99 members. A keyset may be assigned to more than one zone.

**NOTE: Page zone (\*) will page all external page zones as well as all keysets that are members of page zone 0.**

### OPENING DISPLAY

Press TRANSFER 604.  
Display shows.

**INT. PAGE ZONE (1)**

**MEMBER 01:NONE**

**OfficeServ 7200 and 7400**

**INT. PAGE ZONE (1)**

**MEMBER 01:2001**

**OfficeServ 7030, 7100, and 7200-S**

**DEFAULT DATA:**      **OfficeServ 7200 and 7400:**      **NO STATIONS ASSIGNED**  
                                 **OfficeServ 7030, 7100, and 7200-S:**      **ALL STATIONS IN ZONES 1&2**

**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.

NOTE: The system must be equipped with a MIS daughter-board to allow external paging. Even though there are 4 external paging zones available (zone 5 ~ 8) only two can be used at one time.

### OPENING DISPLAY

Press TRANSFER 605.  
Display shows first page zone.

**EXT. PAGE ZONE: (5)**  
**MEMBER 1:3601**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

## MMC: 606

## ASSIGN SPEED BLOCK

### DESCRIPTION:

Provides 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 or speed dial, it will not be necessary to waste these on such items as voice mail, DPIMs or stations that do not require the ability to use speed dial. The Free List will show how many bins are left to be assigned. All entries refer to blocks of 10 numbers or bins.

A library of up to 2000 speed dial numbers may be allocated as needed on a OfficeServ 7000 Series system. These total library of numbers is split between the System Speed Dial list with the balance being shared between stations. The system list can be set for either 500 or 950 numbers using MMC 861. Each station can have up to 50 numbers. Speed dial numbers are assigned in blocks of ten. Each speed number may contain up to 24 digits.

### OPENING DISPLAY

Press TRANSFER 606.

Display shows. This indicates 20 blocks of 10 (200 numbers) are available in the free list and 20 blocks of 10 (200 numbers) are assigned to the system speed dial list.

**FREE LIST: 20**  
**SYSTEM: 20**

**DEFAULT DATA:**     **SYSTEM: 200 ENTRIES**  
                              **STATIONS: NO BLOCKS ASSIGNED**

**RELATED ITEMS:**     [MMC 105 STATION SPEED DIAL](#)  
                              [MMC 106 STATION SPD NAME](#)  
                              [MMC 705 ASSIGN SYSTEM SPEED DIAL](#)  
                              [MMC 706 SYSTEM SPEED DIAL BY NAME](#)  
                              [MMC 861 SYSTEM OPTION](#)

## MMC: 607

## UCD OPTIONS

### DESCRIPTION:

Sets up UCD options when a SVMi-20E card has been installed. MMC 601 must have already been used to define a UCD group with an overflow destination of VMSUCD port or group. (A group is preferred over a port because a group allows multiple paths into the SVMi-20E card and therefore has greater traffic handling capabilities.) When a group overflow timer in MMC 601 expires, the caller will be routed to the SVMi-20E card. It is here that the caller is played the UCD "FIRST MESSAGE" and "SECOND MESSAGE" while in queue. This will continue until an agent becomes free or the caller is transferred to a final destination.

This MMC includes options to select messages to play to a caller. These messages can be as follows:

#### MESSAGES 1000-9999

These messages can be recorded on the SVMi-20E. Please refer to the SVMi-20E manual for instructions on Prompt Recording.

These are the default pre-programmed messages:

- 5061: "I'm sorry, all stations are presently busy"
- 5062: "I'm sorry, all stations are still busy"

The following program options apply:

#### FIRST MESSAGE

After the caller has overflowed from the UCD group, the first message will immediately play. For instructions on how to make these recordings, please refer to the SVMi-20E manual. The default message is #5061 "I'm sorry, all stations are presently busy."

This message will only be played once for the caller.

#### SECOND MESSAGE

If no agent has become free after the UCD recall time (see UCD Recall), the caller will be played the second message. For instructions on how to make these recordings, see the SVMi-20E Administrator User Guide Section. The default message is #5062 "I'm sorry, all stations are still busy."

## MMC: 607

This message will be repeated for as long as the caller is in queue, at an interval specified in the UCD Recall Timer below.

### EXIT CODE

While the caller is hearing a message (but not during MOH), the caller may dial the DTMF digit specified here and be transferred immediately to the final destination ([see Final Destination](#)). The exit code is optional and does not need to be used. If used, the first and second messages may be modified to provide instructions on its use.

### RETRY COUNT

The UCD program is designed to route a caller to a "final destination" after a programmable number of "loops" through the UCD message. The range of this counter is 0 to 99. 00 means that there is no retry counter and the caller will remain in the UCD queue until answered. Any non zero value will route a caller through the UCD loop that many times before going to the final destination. The UCD will route calls to the final destination immediately if all members of the group are either out of group or in DND.

Example: If this counter is set to 02, callers reaching a busy group will hear the first UCD message, be placed on hold, hear the second UCD message, be placed on hold, and finally hear the second message again before being transferred to the final destination. The default is 99.

### FINAL DESTINATION

This is the final destination for the caller if not answered by a UCD agent. This destination is only reached if (a) the caller dials an exit digit during a message or (b) the retry count has expired. The final destination can be any station number (in a network), any group number (within a network) or a disconnect. A disconnect is entered as a destination of NONE (HOLD key).

1. If the final destination is a voice mail port, the port will receive a FWD from UCD group integration message.
2. The final destination will forward or overflow, if the forward to destination is a voice mail port the port will receive FWD from UCD group integration message.
3. If the final destination is not forwarded, the call will ring or camp on to the final destination indefinitely.
4. The default final destination is 500.

To ensure that you do not get a situation where all the call buttons are busy on the final destination it is advisable to make the final destination a group (even if the group has only one station in it.)

## MMC: 607

### **RING NEXT**

This timer must be shorter than the overflow timer in MMC 601. If a higher value is entered, the display will show invalid entry. In the case where a UCD group has the ring next timer set at 000, an unanswered call will rotate evenly among all agents until it is answered. The UCD greetings will be heard during this routing process, but can be removed by defining the UCD messages in MMC 607 as unrecorded message numbers. This will simulate a circular hunt group. The default is 010.

### **UCD RECALL**

After a caller has heard a UCD announcement, he/she will be placed on hold until an agent becomes available or the UCD recall timer expires. When the UCD recall timer expires, the caller will again hear the UCD announcement. The range is 000–250. The default is 010.

### **MUSIC ON HOLD SOURCE**

This option determines what Music on Hold source the callers will be connected to between messages. The choice is either an external source, tone, none or a message site in SVM.

### **WRAP UP**

This option will make a UCD agent unavailable to receive additional UCD calls after hanging up from the last one. This is to allow agents to complete work associated with the previous call before the next call begins ringing. The range is 000-250. The default is 010.

### **AUTO LOG OUT**

This ON/OFF option determines if a station will automatically log out of the UCD group when the RING NEXT timer expires. This setting will be ignored if the RING NEXT timer is set to 000. This option is set to ON by default.

### **ALLOUT→FINAL**

This ON/OFF option determines if calls forward to the UCD final destination when all stations are logged out of the UCD group. If no UCD final destination is assigned then the call will disconnect. This option is set to ON by default.

### **AGENT PIN NO**

If an agent wants to enter a UCD group, specifies whether an agent code for UCD will be pressed.

## MMC: 607

### GBUSY NEXT

This ON/OFF option specifies if all agents are busy, specifies whether the next port is called immediately during overflow time.

### OPENING DISPLAY

Press TRANSFER 607.  
Display shows.

```
[530] UCD GROUP  
FIRST MSG :61
```

**DEFAULT DATA:**    [SEE ABOVE](#)

**RELATED ITEMS:**    [MMC 601 ASSIGN STATION GROUP](#)

## MMC: 608

## ASSIGN REVIEW BLOCK

### DESCRIPTION:

Provides means of adding or deleting CID / ANI review blocks to an individual keyset. With the ability to delete a 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. A system has 2500 total bins. Each keyset may be assigned a maximum of 50 bins.

### OPENING DISPLAY

Press TRANSFER 608.  
Display shows first station.

[201] REVW BLOCK  
NONE: 1500 FREE

**DEFAULT DATA:**    **STATIONS: NONE**

**RELATED ITEMS:**    **NONE**

## MMC: 609

## CALL LOG BLOCK

### DESCRIPTION:

Provides means of adding or deleting Call LOG blocks to an individual keyset. With the ability to delete a block or blocks, 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 that be assigned. A system has 2500 bins.

### OPENING DISPLAY

Press TRANSFER 609.  
Display shows first station.

[201] LOG BLOCK  
NONE: 2500 FREE

**DEFAULT DATA:**    **STATIONS: NONE**

**RELATED ITEMS:**    **NONE**

## MMC: 611

## ALLOW TEXT MESSAGING

### DESCRIPTION:

This program allows the user to send a text message to a busy station or during an OHVA. Up to 100 stations can be set to use this feature. Each user is assigned a block of ten messages to program individually.

### OPENING DISPLAY

Press TRANSFER 611.  
Display shows.

[201] TMSG STN  
NOT USED:100 FREE

**DEFAULT DATA:** ITP-5112L sets are automatically set to USED

**RELATED ITEMS:** [MMC 117 TEXT MESSAGE](#)

## MMC: 612 ALLOW GROUP CONFERENCE

### DESCRIPTION:

This program allows an ITP5112L, SMT-i5210, SMT-i5220, SMT-i5230, SMT-i5243 keyset or OfficeServ Softphone user to use the Group conference call feature. Up to 100 stations can be allowed in the system. Each user can have up to 5 pre-programmed conferences of up to four other members plus their own station.

### OPENING DISPLAY

Press TRANSFER 612.  
Display shows.

[ 201 ] CONF STN  
NOT USED: 100 FREE

**DEFAULT DATA:** ITP5112L, SMT-i5210, SMT-i5220, SMT-i5230, SMT-i5243 keysets  
are automatically set for USED

**RELATED ITEMS:** [MMC 118 CONFERENCE GROUP](#)

## MMC: 614 SET A STATION/C.O. LINE CALL GROUP

### DESCRIPTION:

This program is used to define on build "USE" groups to restrict calling. You can assign stations to a specific STATION USE GROUP and trunks to a specific TRUNK USE GROUP.

Definable USE GROUPS:

STATION USE GROUPS = 001 to 300

TRUNK USE GROUPS = 301 to 500

Example of how to use: Initially all stations can call all other stations because they are all in Station Use Group 001. Put stations 225 to 250 in Station Use Group 002 then go to MMC 314 and restrict 001 from using or calling 002.

Now put trunks 711 to 720 in Trunk Use Group 302 then go to MMC 304 and set ANS:NO and DIAL:NO for Station Use Group 001.

You have now restricted station 201-224 (001) from using trunks 711-720 (301). Stations 201-224 (001) can not call station 225-250 (002).

Note: Station Use Groups and Trunk Use Groups must be in the same Tenant Group, either 1 or 2.

### OPENING DISPLAY

Press TRANSFER 614.  
Display shows first station.

**STATION GROUP**  
**2001:001**

**DEFAULT DATA:**     **ALL STATIONS ARE IN STATION USE GROUP 001**  
                          **ALL TRUNKS ARE IN TRUNK USE GROUP 301**

**RELATED ITEMS:**     [MMC 304 STATION TRUNK USE](#)  
                          [MMC 314 STATION – STATION USE](#)

## MMC: 615

## MGI GROUP

### DESCRIPTION:

This optional program sets designated MGI ports for specific services. This allows “grading” of MGI card(s) for traffic conditions. The MGI ports can be segregated into groups. Keep in mind that any entries made here can be ineffective, if conflicting entries exist in MMC616.

- **LOCAL ITP:** This determines what MGI ports can be used with ITP keyphones across a private IP network
- **PUB IP ITP:** This determines what MGI ports can be used with ITP keyphones on a public IP network.
- **VOIP NTWK:** This determines what MGI ports can be used for enhanced proprietary Samsung VoIP networking between OfficeServ 7000 Series, OfficeServ 7200, OfficeServ 500 and the OfficeServ 100 systems across a private IP network.
- **PUB IP NTWK:** This determines what MGI ports can be used for enhanced proprietary Samsung VoIP networking between OfficeServ 7000 Series, OfficeServ 7200, OfficeServ 500 and OfficeServ 100 systems on a public IP network
- **VOIP TRUNK:** This determines what MGI ports can be used as industry-standard H.323 VoIP trunks for communications across a private network
- **PUB IP TRK:** This determines what MGI ports can be used as industry-standard H.323 VoIP trunks for communications on a public network
- **PUB IP MGI3:** This determines what MGI ports can be used for T.38 facsimile communications on a public network.
- **ITP PAGED:** This determines which trunk members can be used for ITP internal station page.

***The MGI ports can be regarded as trunks and allow two selection modes: Sequential or Distributed.***

The members of each selection are the actual ports on the MGI card(s)

## MMC: 615

### OPENING DISPLAY

Press TRANSFER 615.  
Display shows the first available option.

**USER: LOCAL ITP**  
**MODE: SEQUENTIAL**

**DEFAULT DATA: ALL PORT ALLOWED**

**RELATED ITEMS:**

- [MMC 615 MGI GROUP](#)
- [MMC 616 MGI USER](#)
- [MMC 831 MGI PARAMETERS](#)
- [MMC 832 VOIP OUTBOUND DIGITS](#)
- [MMC 833 VOIP ADDRESS TABLE](#)
- [MMC 834 H.323 OPTIONS](#)
- [MMC 835 MGI DSP OPTIONS](#)
- [MMC 836 H.323 GATEKEEPER OPTIONS](#)
- [MMC 837 SIP OPTIONS](#)
- [MMC 838 PRIVATE IP ADDRESSES](#)
- [MMC 840 IP SET INFO](#)
- [MMC 841 SYSTEM IP OPTIONS](#)

## MMC: 616

## MGI USER

### DESCRIPTION:

This optional program selects which specific MGI ports will be dedicated on a per-port basis for IP station/trunk devices. If this MMC is not utilized, allocation of MGI ports will be controlled by MMC 615. By defining dedicated MGI port usage, the IP station/trunk selected will always use the port programmed. MGI ports can be assigned private and public SMT/ITP stations (32XX), VoIP Networking trunks (83XX), H.323 trunks (84XX) and SIP trunks (85XX). Only one assignment per MGI port is permitted. Any entries made here will override entries made in MMC 615.

### OPENING DISPLAY

Press TRANSFER 616.  
Display shows the first available option.

(3801) MGI USER  
NONE

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 615 MGI GROUP](#)  
                          [MMC 831 MGI PARAMETERS](#)  
                          [MMC 832 VOIP OUTBOUND DIGITS](#)  
                          [MMC 833 VOIP ADDRESS TABLE](#)  
                          [MMC 834 H.323 OPTIONS](#)  
                          [MMC 835 MGI DSP OPTIONS](#)  
                          [MMC 836 H.323 GATEKEEPER OPTIONS](#)  
                          [MMC 837 SIP OPTIONS](#)  
                          [MMC 838 PRIVATE IP ADDRESSES](#)  
                          [MMC 840 IP SET INFO](#)  
                          [MMC 841 SYSTEM IP OPTIONS](#)

## MMC: 700

## COPY COS CONTENTS

### DESCRIPTION:

This MMC allows the technician to duplicate a class of service to make it easier to have multiple similar classes of service.

### OPENING DISPLAY

Press TRANSFER 700.  
Display shows.

**COPY COS ITEMS**  
**COS 01→COS 01**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 701 ASSIGN COS CONTENTS](#)

**MMC: 701****ASSIGN COS CONTENTS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC is used to configure options for each class of service. Classes of Service determine whether a particular station or set of stations is able to access a feature or not. When a feature has been restricted the user will hear error tone and see, if using a keyset with an LCD, a display saying "limited class". There are 30 classes of service available.

OPTION	NAME	VALUE		DESCRIPTION
0	TOLL LEVEL	0	A	Follow toll restriction levels set in <a href="#">MMC 702</a> and <a href="#">MMC 703</a> .
		1	B	
		2	C	
		3	D	
		4	E	
		5	F	
		6	G	
		7	H	Allow intercom calling only.
1	USABLE FEATURE	00	AA CALER	Allow <b>(YES)</b> or deny <b>(NO)</b> the uses of the Forced Auto Answer feature, enabling this station to force another station to answer. <i><b>Calls forced to answer in this way will be answered on the speakerphone or headset.</b></i>
		03	AUTO RDL	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to auto redial when dialing a busy number.
		04	CALLBACK	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set a Callback to another station

## MMC: 701

OPTION	NAME	VALUE	DESCRIPTION	
		05	CID ABND	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to view the Caller ID of missed calls.
		06	CID INQR	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use the Caller ID Inquire feature.
		07	CID INVT	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use the Caller ID Investigate feature.
		08	CONFER.	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to form an add-on Conference.
		09	DALM CLR	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to clear a DISA system alarm.
		10	DIRECT.	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to access the system's station Directory
		11	DISA	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to log in to a DISA CO line.
		12	DND	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Do Not Disturb.
		13	DND FWRD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set Do Not Disturb Forwarding.
		14	DND OVRD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to override Do Not Disturb.
		15	DOOR	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to answer a ringing Door phone module.
		16	DSS	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Direct Station Select (DS) keys.
		17	DTS	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Direct Trunk Select (DT) keys.
		19	EXT FWD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set External Call Forwarding.
		20	FEATURE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to transfer calls.
		21	FLASH	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to flash a CO line. <b>Only analog CO lines support the flash feature.</b>
		22	FOLOW-ME	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set Follow-Me Forwarding.
		23	FORWARD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set Call Forwarding destinations.

## MMC: 701

OPTION	NAME	VALUE	DESCRIPTION	
		25	GRP/IO	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to log in or out of a Station Group.
		26	HOLD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to place calls on Hold.
		27	HOTLINE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to have a Hotline destination set.
		28	INTERCOM	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to dial other stations.
		29	IPP CMG	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to connect the OfficeServ Communicator application.
		30	IPP LOUT	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to log out of a station. <i><b>This option only affects wired IP keysets.</b></i>
		32	MESSAGE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to set Station Messages.
		33	MM PAGE	Can use Meet-Me Paging
		34	MMC PSWD	Set Password Protect for MMCs 100~199
		35	NEW CALL	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use the New Call key.
		36	OHVAED	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to receive Off-Hook Voice Announce (OHVA) calls.
		37	OHVAING	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make OHVA calls.
		38	ONEA2	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to access 1A2 emulation on CO lines.
		39	OPERATOR	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to dial the system operator.
		40	OUT TRSF	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to transfer a CO line call to an external number (another CO line).
		41	OVERRIDE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to Barge on other stations in an equal or lower Class of Service that has <b>SECURE</b> set to <b>NO</b> .
		42	PAGE 0	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 0.
43	PAGE 1	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 1.		

## MMC: 701

OPTION	NAME	VALUE	DESCRIPTION	
		44	PAGE 2	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 2.
		45	PAGE 3	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 3.
		46	PAGE 4	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 4.
		47	PAGE 5	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 5.
		48	PAGE 6	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 6.
		49	PAGE 7	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 7.
		50	PAGE 8	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 8.
		51	PAGE 9	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make a page to zone 9.
		52	PAGE *	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to make an All-Page (page to zone *).
		54	PICKUP	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Call Pickup.
		55	PRB	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to access the Privacy Release Bridge feature.
		56	REM . HOLD	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to place a call on Hold at another station.
		57	RNG PLAN	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Ring Plan (RP) keys.
		58	SECURE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to be barged on by an equal or higher Class of Service that has <b>OVERRIDE</b> set to <b>YES</b> .
		59	SET RLOC	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to use Set Relocation.
60	SPK PAGE	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to initiate a page using the keyset speakerphone.		
61	SSPD TOL	Allow <b>(YES)</b> or deny <b>(NO)</b> the ability to force Speed Dials to follow Toll Restriction settings.		

**MMC: 701**

OPTION	NAME	VALUE	DESCRIPTION
		62	STN LOCK
		63	SYS SPD
		65	TRK EHLD
		66	TRSF RCV.
		67	UNCO CNF
		68	VM AREC
		69	VM AME
		70	VM REC
2	CALL STN GROUP	01-XX	STN GROUP 01 – STN GROUP XX*
3	CALL TRK GROUP	01-XX	TRK GROUP 01 - TRK GROUP XX*
4	CALL BIVMS STN	01-XX	BIVMS STN 01 - BIVMS STN XX*

\*The total number of station groups, trunk groups, and BI-VMS stations varies from system to system, as defined below:

OPTION	OS 7030	OS 7100	OS 7200-S	OS 7200	OS 7400
STATION GROUPS	10	20	20	40	80
TRUNK GROUPS	5	11	11	30	30
BI-VMS STATIONS	2	4	6	20	20

## MMC: 701

### OPENING DISPLAY

Press TRANSFER 701.  
Display shows.

**COS CONTENTS (01)**  
**TOLL LEVEL:A**

<b>DEFAULT DATA:</b>	<b>CLASS OF SERVICE 01-29</b>	
	<b>TOLL LEVEL:</b>	<b>A</b>
	<b>USEABLE FEATURES</b>	
	14, 34, 41, 59, 60, 68, 69, 70:	<b>NO</b>
	<b>ALL OTHERS:</b>	<b>YES</b>
	<b>CALL STN GROUP:</b>	<b>ALL YES</b>
	<b>CALL TRK GROUP:</b>	<b>ALL YES</b>
	<b>CALL BIVMS STN:</b>	<b>ALL YES</b>
	<b>CLASS OF SERVICE 30</b>	
	<b>TOLL LEVEL:</b>	<b>H</b>
	<b>USEABLE FEATURES</b>	
	14, 34, 41, 59, 60, 68, 69, 70:	<b>NO</b>
	<b>ALL OTHERS:</b>	<b>YES</b>
	<b>CALL STN GROUP:</b>	<b>ALL YES</b>
	<b>CALL TRK GROUP:</b>	<b>ALL YES</b>
	<b>CALL BIVMS STN:</b>	<b>ALL YES</b>

**RELATED ITEMS:**    [MMC 301 STATION COS](#)  
                          [MMC 306 HOT LINE](#)  
                          [MMC 601 STATION GROUPS](#)  
                          [MMC 603 TRUNK GROUPS](#)  
                          [MMC 700 COPY COS CONTENTS](#)  
                          [MMC 702 TOLL DENY TABLE](#)  
                          [MMC 703 TOLL ALLOWANCE TABLE](#)  
                          [MMC 722 STATION KEY PROGRAMMING](#)  
                          [MMC 724 NUMBER PLAN](#)  
                          **SVMi-20E CARD**

# MMC: 702

# TOLL DENY TABLE

## DESCRIPTION:

Provides a way to make toll restriction (call barring) very easy and flexible. There are 500 entries in the deny table and each entry index can be assigned to a class of service. Each index can have up to 12 digits. With the use of wild cards (MMC 704 Assign Wild Character), more flexibility can be built into 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 to 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.

## WILD CARD KEY

DIAL	WILD CARD
A	X
B	Y
C	Z

## OPENING DISPLAY

Press TRANSFER 702.  
Display shows.

**DENY (001) : BCDEFG**  
**: 000000**

**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 ALLOWANCE TABLE

## DESCRIPTION:

Provides a way to make toll restriction very easy and flexible. There are 500 entries in the allow table and each entry index can be assigned to a class of service. Each index can have up to 12 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 to 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.

## WILD CARD KEY

DIAL	WILD CARD
A	X
B	Y
C	Z

## OPENING DISPLAY

Press TRANSFER 703.  
Display shows.

**ALLOW(001) : BCDEFG**  
**: 000000**

**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 CHARACTER

### DESCRIPTION:

Provides flexibility to toll restriction (call barring) when a specific numbering plan is so desired. There are only three entry tables but more than one digit can be assigned per table if needed.

### OPENING DISPLAY

Press TRANSFER 704.  
Display shows.

:0123456789 #  
x:000000000000

**DEFAULT DATA:**     **ALL ENTRIES SET TO 0**

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

### DESCRIPTION:

Enables the assignment of system speed dialling numbers. There are up to 500 entries available for programming ([see MMC 606](#)) if SYSTEM SPEED DIAL MAX = 500 in MMC 861 or 950 available if SYSTEM SPEED DIAL MAX = 950 in MMC 861. Each speed dial number consists of a trunk or trunk group access code followed by a separator and up to 24 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.

## OPENING DISPLAY

Press TRANSFER 705.  
Display shows.

**SYS SPEED DIAL**  
**500:**

**DEFAULT DATA: NONE**

**RELATED ITEMS:**    [MMC 606   ASSIGN SPEED BLOCK](#)  
                               [MMC 706   SYSTEM SPEED DIAL BY NAME](#)  
                               [MMC 861   SYSTEM OPTIONS](#)

## MMC: 706 SYSTEM SPEED DIAL BY NAME

### DESCRIPTION:

Allows an 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 selects a character. Pressing a different 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 A 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.

### • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	Space	?	.	)	0
DIAL 1	Q	Z	,	!	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 # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, \$, -, <, >, /, =, [ ], @, ^, (, ), \_ , +, {, }, |, ;, ", →, ', \.

**MMC: 706****• iDCS, DS, SMT-i and ITP KEYSETS**

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, ", ' , \.

**OPENING DISPLAY**

Press TRANSFER 706.  
Display shows.

**SYS SPEED NAME**  
**500:**

**DEFAULT DATA: NO NAMES**

**RELATED ITEMS:** [MMC 606 ASSIGN SPEED BLOCK](#)  
[MMC 705 ASSIGN SYSTEM SPEED DIAL](#)

## MMC: 707

## AUTHORIZATION CODE

### DESCRIPTION:

Enables the authorization feature on a per-class of service selection. There are 500 available entries. Authorization codes can be 4 to 10 digits. Authorization codes are also used as Staff ID Codes in Hotel/Motel applications.

### OPENING DISPLAY

Press TRANSFER 707.  
Display shows.

<b>AUTHOR.CODE</b>	<b>(001)</b>
	<b>C:01</b>

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 305 ASSIGN FORCED CODE](#)

## MMC: 708

## ACCOUNT CODE

### DESCRIPTION:

Enables the account code entry feature. There are 999 available entries for a system. Account codes can be 1 to 12 digits.

### OPENING DISPLAY

Press TRANSFER 708.  
Display shows.

**ACCOUNT CODE**  
001 :

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 305 ASSIGN FORCED CODE](#)

## MMC: 709 TOLL PASS CODE / SPECIAL CODE TABLE

### DESCRIPTION:

This MMC provides a means to program three trunk code tables as described below.

**PBX ACCESS CODE:** This table contains up to five entries and is used to identify the trunk access codes needed for toll restriction to be properly applied when the system is used either behind a PBX or with CENTREX-supplied dial tone. Toll restriction will only be applied on trunks flagged as PBX in MMC 401 if a trunk access code entered in this table is dialed. Toll restriction will be applied to the digits following the trunk access code.

**SPECIAL CODE:** This table identifies to the system dialling rules the special feature codes used to activate central office custom calling features such as CID Block and call waiting disable. The special feature codes can be used on a per call basis without affecting LCR or toll restriction programming. There is a maximum of ten (10) entries available each of which may be up to four digits long. The four dialing rules that apply to the Special Code Table are as follows:

- Rule 1. Toll restriction is only applied to digits following the entries in the Special Code Table. This eliminates toll restriction bypass with second dial tone central office features such as CID block ( 67).
- Rule 2. LCR will only route calls based on the digits following the entries in the Special Code Table. This rule allows end user per call special code activation.
- Rule 3. LCR modify digits tables will only delete digits following the Special Code Table entries. This allows central office features such as CID block to be used when LCR deletes digits. Can be used in Foreign Exchange (FX) routing by removing the 1+ area code..
- Rule 4. LCR modify digits tables will only insert digits after the Special Code Table entries (MMC 718). This allows for central office features such as call waiting block to be activated but route the call with a specific PIC code such as 10288 (AT&T).

Example of Rule 4: User dials \*67 1 305 529 2900, the system will seize a C.O. line and dial \*67 10288 1 305 529 2900.

**TOLL OVERRIDE:** This table of eight entries is used to identify to the system numbers that will bypass all dialing restrictions. This bypass includes Toll restriction, Trunk access and forced authorization or account codes. Each entry in the table can be up to 14 digits long.

## MMC: 709

**OVRD USE TRK GRP:** This entry designates the trunk group that override calls will access.

### OPENING DISPLAY

Press TRANSFER 709.  
Display shows.

#### PBX ACCESS CODE

1:

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 401 PBX TRUNK](#)  
                          [MMC 702 TOLL DENY TABLE](#)  
                          [MMC 703 TOLL ALLOWANCE TABLE](#)  
                          [MMC 305 FORCED CODES](#)

## 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 2000 entries for a system with a digit string length of 10 numerical digits. This system automatically maintains entered digit strings in numerical order. The characters `*` and `#` are also accepted for use with feature codes.

### OPENING DISPLAY

Press TRANSFER 710.  
Display shows.

**LCR DIGIT    (0001)**  
**DIGIT:**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 712 LCR ROUTE TABLE](#)

# MMC: 711

# LCR TIME TABLE

## DESCRIPTION:

This table gives the flexibility to 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 period is the end time of the previous time period.

## 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

## OPENING DISPLAY

Press TRANSFER 711.  
Display shows.

**LCR TIME (SUN:A)**  
**HHMM: LCRT:-**

**DEFAULT DATA:** HH:MM:0000 LCRT:1 for all 7 days

**RELATED ITEMS:** [MMC 712 LCR ROUTE TABLE](#)

## MMC: 712

## LCR ROUTE TABLE

### DESCRIPTION:

The LCR ROUTE TABLE is responsible for selecting 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 uses the LCR ROUTE TABLE to select a specific predetermined trunk group. There is a maximum number of 99 routes available. If more than one trunk group is available for call completion, the system uses the first designated trunk group and then starts to utilise succeeding trunk groups. If all trunk groups are busy in a selected route, call queue becomes active and allocates trunks as they become available.

### OPENING DISPLAY

Press TRANSFER 712.  
Display shows.

```
LCR ROUTE (01:1)
C:1 G:NONE M:---
```

**DEFAULT DATA:**    **NONE**

**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 is also referred to as Outdial Rules. This will give 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 1010288 (ATT®). With these digits inserted, a long distance call will be placed over a local line utilizing the common carrier network. The characters \* and # can also be entered. There are 200 modify digit entries available.

<b>OPTION</b>	<b>MAXIMUM NUMBER OF DIGIT ENTRIES</b>
---------------	--

Number of digits to delete	15
Insert (before dialing string)	14
Append (after dialing string)	14

**DIGIT STRING KEY**

Insert String + Digit String (delete) + Append String

**OPENING DISPLAY**

Press TRANSFER 713.  
Display shows.

**LCR MODIFY (001)**  
**NOF DEL DGT:00**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [\*\*MMC 710 LCR DIGIT TABLE\*\*](#)

## MMC: 714 DID NUMBER AND NAME TRANSLATION

### DESCRIPTION:

Assigns an incoming DID call to a specific ring plan destination. It also provides a call waiting option, if needed, so that a second incoming DID call can be received. The table is also used to define which MOH source a caller to that DID number will hear when placed on hold. An 11 character name can be added to the number. There are a maximum of 999 entries. If there is no matching number on DID service the call is routed to the operator group for that ring plan.

Definitions of option are as follows:

1. **DGT:** Digits to be received from CO. Up to 16 digits may be entered.
2. **MOH SOURCE:** Allows the technician to select what the calling party will hear in regards to that DID/DNIS number if the call is placed on hold. There are a total of 6 possible music selections (see below).

If you have a SVM Voice Mail System installed you may also select a SVM recording as a music source. The recording must already been defined in MMC 748 and will show up here as the SVM port associated with the recording.

### OPTIONS

- 2.1 **NONE:** No Music on Hold. Follows the setting in MMC 408 for the trunk the call comes in on.
- 2.2 **tone:** A repeated tone is played to the outside party.
- 2.3 **INTERNAL CHIME:** This is entered as the directory number of the music source on the MCP (3761).
- 2.4 **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source.
- 2.5 **VOICE MAIL SOUND FILE:** If the OfficeServ 7000 Series system has an optional SVM card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for MOH sources. Select the SVM port assigned in MMC 748. For information on creating the sound files see SVM System Administrator Manual-Recording greeting by number. If you select this option be advised that each VMMOH source requires a dedicated SVM port/channel.

## MMC: 714

3. PRI = DID priority option. There are 9 priority levels: priority 1 is the highest and priority 9 is the lowest.

When calls arrives into a station group and group members are all busy the call is queued. The system will assign a priority to the DID number so that calls from a high priority DID number will be placed at the front of the group queue.

4. 1: XXX, 2: XXX, 3: XXX, 4: XXX, 5: XXX, 6:XXX = ring plan and destination during each ring plan. The destination can be a station, station group, trunk or trunk group. If trunk or trunk group is selected the trunks must be programmed as E&M trunks to allow the received digits to be re-sent on the facility(s). This is referred to as DID Repeat digits over tie line.

NOTE: An entry of the character "B" means to repeat the received digits.

5. CW: Call waiting Yes/No . Allow a second DID call to be received
6. MC: This is the maximum number of simultaneous calls to this DID the system will allow. If more call attempts are made the system will return a busy signal to the caller.
7. DC: The number of digits to delete. This is useful with Tandem switching, mixed numbering plans and DID Repeat digits over tie line. Maximum number of digits that can be deleted is 16.
8. NAME: Input up to 11 characters to identify call.

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 "7" three times to get the letter "S." Press "2" once to get "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.

9. TONE: Ring tone options for a specific DID number (No. 1~8).
10. CAD: Ring cadence options for a specific DID number at SLT's (No. 1~5).

**MMC: 714****• DCS KEYSETS**

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ?, ., %, \$, -, <, >, /, =, [ ], @, ^, (, ), \_ , +, { }, |, ;, \, " and ~.

**• iDCS, DS, SMT-i and ITP KEYSETS**

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

## MMC: 714

### OPENING DISPLAY

Press TRANSFER 714.  
Display shows.

**DID DIGIT (001)**  
**DGT:**

**DEFAULT DATA: NO ENTRIES**

**RELATED ITEMS: TRUNK PROGRAMMING**

## MMC: 715 PROGRAMMED STATION MESSAGE

### DESCRIPTION:

Allows custom messages to be programmed or default messages to be changed.

Messages are written via 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 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. A space can be entered by using these keys.

### • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ?, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 715

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

There are 15 messages in a OfficeServ 7000 Series Release 2 system. They fall in the following categories:

MESSAGES 01-10 (16 character default messages): These are preprogrammed default messages. Any of them can be changed.

MESSAGES 11-15 on the system are 16 character blank messages that can be created.

NOTE: Each display keyset user can create 5 additional personal programmed messages, 16~20 using MMC 115.

### OPENING DISPLAY

Press TRANSFER 715.  
Display shows.

**PGM.MESSAGE (01)**  
**IN A MEETING**

## MMC: 715

**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
11. BLANK MESSAGE
12. BLANK MESSAGE
13. BLANK MESSAGE
14. BLANK MESSAGE
15. BLANK MESSAGE

**RELATED ITEMS:**    [MMC 115 SET PROGRAMMED MESSAGE](#)

## MMC: 717

## MY AREA CODE

### DESCRIPTION:

This MMC defines the home area code and country code for the OfficeServ 7000 Series system. This information is used for caller ID, ANI and ISDN calls in defining the area code on incoming calls. This MMC removes the local area code to allow callback without digit modifications in LCR.

NOTE: If 10 digit local dialing is used My Area Code is not used. If 7 digit local dialing is used, then My Area Code is used and removes the area code.

### OPENING DISPLAY

Press TRANSFER 717.  
Display shows.

**MY AREA CODE**  
**AREA :**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    TRUNK PROGRAMMING**

## MMC: 718

## AGENT ID CODE

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to configure agent PIN IDs for UCD groups. These PINs are used in call centers where agents do not have static desk assignments, and allow agents to log in to the UCD group from any extension in the group and have their stats counted correctly. Agent PINs can be up to 4 digits long, and can optionally be restricted to a specific UCD group.

There are 300 available entries in the OfficeServ 7400 and 100 available entries for all other OfficeServ 7000 Series systems.

### OPENING DISPLAY

Press TRANSFER 718.  
Display shows.

**AGENT PIN (001)**  
**ID: GRP:NONE**

**DEFAULT DATA: NONE**

**RELATED ITEMS:** [MMC 607 UCD OPTIONS](#)

# MMC: 719

# IDLE DISPLAY

## DESCRIPTION:

This program allows the technician or system administrator to create 10 sixteen character messages (pieces of information) that can be viewed by users with an ITP-5012L model IP keyset. All 10 messages can be displayed simultaneously. The individual user must use MMC 120 to select idle display option as "INFORMATION". The default setting is 'CALENDAR'.

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 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.

## • DCS KEYSETS

COUNT	1	2	3	4	5
DIAL 0	space	?	.	)	0
DIAL 1	Q	Z	,	!	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 the following special characters: #, space, &, !, :, ., %, \$, -, <, >, /, =, [, ], @, ^, (, ), \_ , +, {, }, |, ;, \, " and ~.

## MMC: 719

### • iDCS, DS, SMT-i and ITP KEYSETS

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 *	:	=	[	]	*

1. When the character you want appears on the same dial pad key as the previous character, press UP to move the cursor one space to the right.
2. Other symbols are available for DIAL #.

### OPENING DISPLAY

Press TRANSFER 719.  
Display shows.

**IDLE DISPLAY (01)**

**DEFAULT DATA: NONE**

**RELATED ITEMS:** [MMC 120 LARGE LCD OPTION](#)

## MMC: 720

## COPY KEY PROGRAMMING

### DESCRIPTION:

Provides a tool for duplicating key assignment from one keyset to another. This can be done on a per-station basis or on all stations, but not on a group of stations. One limitation is that the original and target keysets must be of the same type (i.e. same number of buttons).

### OPENING DISPLAY

Press TRANSFER 720.  
Display shows.

[201] COPY KEY  
FROM: NONE

**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:

Provides a service tool which will minimize the accidental loss of programmable keys on the OfficeServ 7000 Series electronic keysets. The method of operation is simple, first the data is saved and then the station can be replaced with another station type or the keys can be reprogrammed to other features. Once testing or replacement is completed, the data can be restored to the individual station, providing the same type is in place.

NOTE: This program is not to be confused with AUTO SET RELOCATE (MMC 315). This program is for saving and restoring the same electronic device type at that port.

### OPENING DISPLAY

Press TRANSFER 721.  
Display shows.

[201] SAVE KEY  
RESTORE

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 107 KEY EXTENDER](#)  
[MMC 722 STATION KEY PROGRAMMING](#)  
[MMC 723 SYSTEM KEY PROGRAMMING](#)

# MMC: 722 STATION KEY PROGRAMMING

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to change station programmable buttons away from the system template (specified per-keyset type in [MMC 723](#)). This allows customization for specific stations where necessary. For a full list of keyset model templates see [MMC 723](#).

**NOTE: If a keyset type's template is changed in [MMC 723](#) all customization in this MMC for keysets of that type will be lost.**

Programmable buttons are entered via dial pad keys by pressing the dial pad number the required number of times 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	4
DIAL 1	DT			
DIAL 2	ABAND	BARGE	CAD	
DIAL 3	DGPALM	EP	FAUTO	
DIAL 4	GPIK	HDSET	IG	
DIAL 5	LCR	LCR	LCR	
DIAL 6	MACR	NEW	OHVA	
DIAL 7	PAGE	PAGE	RB	SETDND
DIAL 8	TCLIP	UA	VG	
DIAL 9	WAKEUP	XCHIN	WAKEUP	
DIAL 0	DS			

## MMC: 722

The programmable button types that can be set are as follows:

OPTION	NAME	DESCRIPTION
ABAND	ABANDONED CALL	View the Abandoned Call List.
ABW	AGENT BUSY / WRAPUP	Enter or leave Agent Busy / Wrap-up. This allows a UCD group agent to remain logged in to a group but not receive calls for the group.
ACC	ACCOUNT	Tag the current call's SMDR record with the desired account code. Pressing this button from an idle condition will start a new call with the desired account code. <i>For more information on Account Codes see <a href="#">MMC 708</a>.</i>
AG	ANSWER GROUP	Log in or out of another station's Call Answer Group. <b>See CAG.</b>
ALARM	CONTACT ALARM CLEAR	Clear an alarm that has been generated by the external alarm relay. <i>This option is only available in OfficeServ 7200 and OfficeServ 7400 systems.</i>
AN/RLS	ANSWER/RELEASE	Answer a ringing call or disconnect a call in progress.
BARGE	BARGE-IN	Barge on a busy station's call. This places the barging station in a conference with the existing call. The barging party is muted by default, but can be unmuted to talk to both existing parties.
BILL	HOTEL/MOTEL BILL FEATURE	View or print a guest room bill. <i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
BLOCK	OHVA BLOCK	Activate or deactivate the OHVA block. This prevents other stations from initiating an OHVA call to the blocked station.
BOSS	BOSS/SECRETARY	Initiate a forced auto answer call to the specified BOSS station. <i>The Boss/Secretary feature is programmed in <a href="#">MMC 303</a>.</i>
CAD	CALL ACTIVITY DISPLAY	Display current call activity in the system.
CAG	CREATE ANSWER GROUP	Create a temporary Call Answer Group. This is very similar to an <b>UNCONDITIONAL</b> ring group from <a href="#">MMC 601</a> . The primary differences are that only 5 stations may join a CAG and members must manually log in using an AG key. Once logged in all calls that come to the CAG master station will ring to all members.

**MMC: 722**

OPTION	NAME	DESCRIPTION
CALL	CALL BUTTON	This is the generic call processing button for the system. In order to make or receive calls a station must have at least one <b>CALL</b> button. A maximum of 8 buttons may be set per station.
CAMP	STATION CAMP-ON	Camp on to a busy station. This will trigger an off-hook ring to the camped station.
CANMG	MESSAGE CANCEL	Cancel a station message that has been set for this station. Station messages are a way for intercom callers to request attention from other stations without the use of voicemail.
CBK	CALLBACK	Set a callback against a busy station. Once the busy station goes idle the CBK station will ring. Once answered at the CBK station the callback will ring the newly idle station.
CC	CALL COVERAGE	Allow this station to cover calls received on another station by assigning the other station as an extender of this key. Calls coming to the other station will cause the CC button to flash until the other station's <b>CC RNG DLY</b> timer in <a href="#">MMC 502</a> expires and then it will flash and ring to this station also.
CHIN	CHECK IN	Initiate a Hotel/Motel check-in procedure. <i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when <b>HOTEL SERVICE</b> is set to <b>ENABLE</b>, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
CHOUT	CHECK OUT	Initiate a Hotel/Motel check-out procedure. <i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when <b>HOTEL SERVICE</b> is set to <b>ENABLE</b>, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
CHOICE	CHOICE	
CID	CALLER ID/ANI	View the CID review block.
CONF	CONFERENCE	Initiate a conference.
CONP	CONNECTED NAME ID PRESENTATION	
CR	CALL RECORD	Start or stop a Call Recording. <i>A Samsung Voicemail is required for the Call Recording feature to function.</i>
CREDIT	HOTEL/MOTEL CREDIT FEATURE	Add a credit to <i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when <b>HOTEL SERVICE</b> is set to <b>ENABLE</b>, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
CS	CALL STATUS	Flash and optionally ring according to the UCD Alarm timers and counters set in <a href="#">MMC 501</a> and <a href="#">MMC 500</a> respectively.

## MMC: 722

OPTION	NAME	DESCRIPTION
CSNR	CALLER ID SAVE NUMBER REDIAL	Dial the number most recently stored with the <b>STORE</b> feature.
DGPALM	EASYSET ALARM TO REMOTE STATION	
DIR	DIRECTORY	View the system, station, or personal directories.
DIVERT	EXECUTIVE CALL DIVERT TO SECRETARY	
DLOCK	DOOR LOCK	Engage the door lock mechanism on a Door Phone.
DND	DO NOT DISTURB	Activate or deactivate the Do-Not-Disturb feature.
DNDO	DO NOT DISTURB OVERRIDE	
DP	DIRECT PICKUP	
DROP	DROP	Drop the current call.
DS	DSS KEY	
DT	DTS KEY	
EMERG	EMERGENCY ANSWER	Answer a BRI emergency message. <i><b>BRI cards are not sold in the US, so this option has no effect in US software.</b></i>
EP	ESTABLISHED CALL PICKUP	
EXTMIC	EXTERNAL MICROPHONE	
FAUTO	FORCED AUTO ANSWER	
FLASH	FLASH	Send a CO flash request to the trunk.
FWRD	CALL FORWARD	
GPIK	GROUP PICKUP	
HDSET	HEADSET MODE	Enable or disable headset mode.
HLDPK	HOLD PICKUP	
HOLD	HOLD	Place a call on hold or, if flashing, pick up a held call. Pressing this button when idle will initiate station background music if a <b>BGM SOURCE</b> has been specified in <a href="#">MMC 308</a> .
HOTEL	HOTEL/MOTEL MULTI FUNCTION	Open the Hotel/Motel main menu. <i><b>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</b></i>
IG	IN/OUT OF GROUP	
INFDSP	INFO DISPLAY	
INQUIRE	INQUIRE (CID/ANI)	
ISPY	CID/ANI SPY	
LCR	LEAST COST ROUTING	
LISTN	GROUP LISTENING	
LNR	LAST NUMBER REDIAL	

## MMC: 722

OPTION	NAME	DESCRIPTION
LOG	CALL LOGGING	View the station Call Log. This requires the station to have at least 1 log block assigned in <a href="#">MMC 609</a> .
MACR	SPEED DIAL MACRO	
MMPA	MEET ME PAGE ANSWER	
MMPG	MEET ME PAGE	
MOBEX	MOBEX	Activate or deactivate the station's OfficeServ Connect group. For more information see <a href="#">MMC 329</a> .
MS	MANUAL SIGNALING	
MSG	MESSAGE	
MUTE	MUTE	Mute or unmute the audio path of the current call.
MW	MESSAGE WAITING	
NEW	NEW CALL	
NND	NAME NUMBER DATE (CID/ANI)	Scroll the various pieces of Caller ID information received for the current call.
NPG	NETWORK PAGE	
NS	NETWORK SELECTION	
NXT	NEXT (CID/ANI)	
OHVA	OFF-HOOK VOICE ANNOUNCE	
OPER	OPERATOR	
PAGE	PAGE	
PAGPK	PICKUP PAGE HOLD	
PARK	CALL PARK ORBIT	
PAUSE	PAUSE	
PMSG	PROGRAMMED STATION MESSAGE	
PRB	PRIVACY RELEASE BRIDGE	
PROG	LIMITED PROGRAM	
PTHR	PATH REPLACEMENT	
RB	HOTEL/MOTEL REMOTE BILLING	<i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
REJECT	OHVA REJECT	
RETRY	AUTO REDIAL ON BUSY	
REVV	REVIEW (CID/ANI)	
RP	RING PLAN	
RSV	HOTEL/MOTEL ROOM STATUS VIEW	<i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
RTO	RING TIME OVERRIDE	
SETDND	SET DO NOT DISTURB AT ANOTHER PHONE	
SETMG	SET MESSAGE W/O RING	

## MMC: 722

OPTION	NAME	DESCRIPTION
SG	STATION GROUP	Similar to a DS or DT key, this button will dial the Station Group designated by the extender.
SLOCAT	HOTEL/MOTEL STAFF LOCATOR FEATURE	<i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
SMDR	HOTEL SMDR PRINT	<i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>
SNR	SAVED NUMBER REDIAL	
SP	UCD SUPERVISOR	
SPD	SPEED DIAL	
SPKR	SPEAKER	
STATE	SET EXECUTIVE STATE	
STORE	STORE DISPLAYED NUMBER (CID/ANI)	
SYSALM	SYSTEM ALARMS	
TCLIP	SET OUTBOUND CLI TABLE	
TG	TRUNK GROUP	
TIMER	TIMER	
TRARPT	TRAFFIC REPORT	Print or clear the system Traffic Report.
TRSF	TRANSFER	From an idle state use this button to enter Programming Mode. During a call use this button to transfer the call to another destination.
UA	UNIVERSAL ANSWER	
VG	VOICE MAIL MAIN GREETING	
VM	VOICE MAIL MEMO	
VMADM	VOICE MAIL ADMINISTRATION	
VMAME	ANSWER MACHINE EMULATION	Activate or deactivate the Answering Machine Emulation feature. For more information on the AME feature see the Keyset User's Guide.
VMMSG	VOICE MAIL MESSAGE KE	Call the system voicemail station group. This is the first station group in <a href="#">MMC 601</a> that has a <b>TYPE</b> of <b>BI-VMS GRP</b> . This key will also flash to indicate that the station's voicemail box has new messages.
VT	VOICEMAIL TRANSFER	Transfer a caller directly to a station's voicemail box. The extender for this key must be a station group with a <b>TYPE</b> of <b>BI-VMS GRP</b> or <b>VMAA</b> in <a href="#">MMC 601</a> .
WAKEUP	WAKE UP	Set a wake-up call for a room telephone.

## MMC: 722

OPTION	NAME	DESCRIPTION
XCHIN	HOTEL/MOTEL EXPRESS CHECK IN FEATURE	Start the Express Check-In process. <i>This is a Hotel/Motel feature. Though the button is available on all systems it will have effect only when HOTEL SERVICE is set to ENABLE, and only on OfficeServ 7200 and OfficeServ 7400 systems.</i>

### OPENING DISPLAY

Press TRANSFER 722.  
Display shows.

[201] KEY PROG.  
01:CALL1 →

**DEFAULT DATA:** ALL BUTTONS SET TO [MMC 723](#) TEMPLATE DEFAULT

**RELATED ITEMS:** [MMC 107 KEY EXTENDER](#)  
[MMC 720 COPY KEY PROGRAMMING](#)  
[MMC 721 SAVE STATION KEY PROGRAMMING](#)  
[MMC 723 SYSTEM KEY PROGRAMMING](#)

# MMC: 723 SYSTEM KEY PROGRAMMING

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to configure programmable button templates. These templates assign default button programming to all keysets on a per-keyset-type basis. This allows multiple keysets to be programmed at one time, rather than programming buttons keyset by keyset in [MMC 722](#). For a complete list of programmable buttons that can be set, see [MMC 722](#).

**NOTE:** If a keyset type's template is changed in this MMC all customization in [MMC 722](#) for keysets of that type will be lost.

OPTION	NAME	DESCRIPTION
00	24-BTN SETS	Set the programmable button template for 24 button DCS keysets.
01	12-BTN SETS	Set the programmable button template for 12 button DCS keysets.
02	US 7B SETS	Set the programmable button template for 7 button DCS keysets.
04	32 BTN AOMS	Set the programmable button template for 32 button DCS Add-On Modules (AOMs).
05	64 BTN AOMS	Set the programmable button template for 64 button DCS Add-On Modules (AOMs).
07	28 BTN SETS	Set the programmable button template for 28 button iDCS keysets.
08	18 BTN SETS	Set the programmable button template for 18 button iDCS keysets.
09	8 BTN SETS	Set the programmable button template for 8 button iDCS keysets.

**MMC: 723**

10	99 BTN SETS	Set the programmable button template for 99 button IP keysets. This includes ITP-5112L, SMT-i3105, SMT-i5210, SMT-i5220, SMT-i5230, and SMT-i5243 IP keysets, OfficeServ Softphone extensions, and OfficeServ Communicator Softphone Mode extensions.
11	38 BTN SETS	Set the programmable button template for 38 button DS keysets. <b><i>38 button DS keysets are not sold in the US, so this setting has no effect.</i></b>
12	21 BTN SETS	Set the programmable button template for 21 button DS and ITP keysets.
13	14 BTN SETS	Set the programmable button template for 14 button DS keysets.
14	DS-07S SETS	Set the programmable button template for 7 button DS and ITP keysets.

**OPENING DISPLAY**

Press TRANSFER 723.  
Display shows.

**TYPE: 24 BTN SETS**  
**01:CALL1 →**

**DEFAULT DATA:**     **OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S**

**24-BTN SETS**

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:TG9
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:SPD	21:LNR	22:PAGE	23:CBK	24:MSG

**12-BTN SETS**

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:SPD	09:LNR	10:PAGE	11:CBK	12:MSG

**US7B SETS**

01:CALL	02:CALL	03:NONE
04:NONE	05:NONE	06:NONE
	07:MSG	

**32 BTN AOMS**

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

## MMC: 723

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

## 64 BTN AOMS

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

## 28 BTN SETS

01:DT701	02:DT702	03:DT703	04:DT704	05:VMMSG
06:DS201	07:DS202	08:DS203	09:DS204	10:PAGE0
11:DS205	12:DS206	13:DS207	14:DS208	15:DIR
16:SPD1	17:SPD2	18:SPD3	19:SPD4	20:SPD5

21:LOG	25:CALL
22:DND	26:LISTN
23:SPD	27:LNR
24:TRSF	28:SPKR

## 18 BTN SETS

01:DT701	02:DT702	03:DT703	04:DT704	05:VMMSG
06:DS201	07:DS202	08:DS203	09:DS204	10:PAGE0

21:LOG	25:CALL
22:DND	26:LISTN
23:SPD	27:LNR

## MMC: 723

24:TRSF	28:SPKR
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### 8 BTN SETS

01:CALL	02:CALL	03:MSG	04:TRSF
05:NONE	06:NONE	07:NONE	08:SPKR

### 99 BTN SETS

01:CALL	02:CALL
03:NONE	04:NONE
05:NONE	06:NONE
07:MSG	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	22:NONE
23:NONE	24:NONE
25:NONE	26:NONE
27:NONE	28:NONE
29:NONE	30:NONE
31:NONE	32:NONE
33:NONE	34:NONE
35:NONE	36:NONE
37:NONE	38:NONE
39:NONE	40:NONE
41:NONE	42:NONE
43:NONE	44:NONE
45:NONE	46:NONE
47:NONE	48:NONE
49:NONE	50:NONE
51:NONE	52:NONE
53:NONE	54:NONE
55:NONE	56:NONE
57:NONE	58:NONE
59:NONE	60:NONE
61:NONE	62:NONE
63:NONE	64:NONE

## MMC: 723

65:NONE	66:NONE
67:NONE	68:NONE
69:NONE	70:NONE
71:NONE	72:NONE
73:NONE	74:NONE
75:NONE	76:NONE
77:NONE	78:NONE
79:NONE	80:NONE
81:NONE	82:NONE
83:NONE	84:NONE
85:NONE	86:NONE
87:NONE	88:NONE
89:NONE	90:NONE
91:NONE	92:NONE
93:NONE	94:NONE
95:NONE	96:NONE
97:NONE	98:NONE
99:NONE	

### 21 BTN SETS

01:DT701	02:DT702	03:DT703	04:DT704	05:SPD1	06:VT	07:VMMSG
08:DS201	09:DS202	10:DS203	11:DS204	12:SPD2	13:DND	14:PAGE0
15:DS205	16:DS206	17:DS207	18:DS208	19:SPD3	20:LISTN	21:CALL

### 14 BTN SETS

01:DT701	02:DT702	03:DT703	04:DT704	05:SPD1	06:VT	07:VMMSG
08:DS201	09:DS202	10:DS203	11:DS204	12:SPD2	13:DND	14:PAGE0

### DS-07S SETS

01:DT701	02:DT702	03:DT703	04:DT704	05:CALL	06:PAGE0	07:VMMSG
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## MMC: 723

### OfficeServ 7200 and OfficeServ 7400

#### 24-BTN SETS

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:TG9
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:SPD	21:LNR	22:PAGE	23:CBK	24:MSG

#### 12-BTN SETS

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:TG9
07:CONF	08:SPD	09:LNR	10:PAGE	11:CBK	12:MSG

#### US7B SETS

01:CALL	02:CALL	03:NONE
04:NONE	05:NONE	06:NONE
	07:MSG	

#### 32 BTN AOMS

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

#### 64 BTN AOMS

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

## MMC: 723

53:DS	54:DS	55:DS	56:DS
57:DS	58:DS	59:DS	60:DS
61:DS	62:DS	63:DS	64:DS

### 28 BTN SETS

01:CALL	02:CALL	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:MEMORY	27:LNR
24:TRSF	28:SPKR

### 18 BTN SETS

01:CALL	02:CALL	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:MEMORY	27:LNR
24:TRSF	28:SPKR

### 8 BTN SETS

01:CALL	02:CALL	03:MSG	04:TRSF
05:NONE	06:NONE	07:NONE	08:SPKR

### 99 BTN SETS

01:CALL	02:CALL
03:NONE	04:NONE
05:NONE	06:NONE
07:MSG	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

## MMC: 723

21:NONE	22:NONE
23:NONE	24:NONE
25:NONE	26:NONE
27:NONE	28:NONE
29:NONE	30:NONE
31:NONE	32:NONE
33:NONE	34:NONE
35:NONE	36:NONE
37:NONE	38:NONE
39:NONE	40:NONE
41:NONE	42:NONE
43:NONE	44:NONE
45:NONE	46:NONE
47:NONE	48:NONE
49:NONE	50:NONE
51:NONE	52:NONE
53:NONE	54:NONE
55:NONE	56:NONE
57:NONE	58:NONE
59:NONE	60:NONE
61:NONE	62:NONE
63:NONE	64:NONE
65:NONE	66:NONE
67:NONE	68:NONE
69:NONE	70:NONE
71:NONE	72:NONE
73:NONE	74:NONE
75:NONE	76:NONE
77:NONE	78:NONE
79:NONE	80:NONE
81:NONE	82:NONE
83:NONE	84:NONE
85:NONE	86:NONE
87:NONE	88:NONE
89:NONE	90:NONE
91:NONE	92:NONE
93:NONE	94:NONE
95:NONE	96:NONE
97:NONE	98:NONE

## MMC: 723

99:NONE	
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### 21 BTN SETS

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:NONE	07:MSG
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

### 14 BTN SETS

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:NONE	07:MSG
08:NONE	09:NONE	10:NONE	11:NONE	12:NONE	13:NONE	14:NONE

### DS-07S SETS

01:CALL	02:CALL	03:NONE	04:NONE	05:NONE	06:NONE	07:MSG
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**MMC: 724****DIAL NUMBERING PLAN****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Applies to V4.30 or Higher]**

This MMC allows the technician to change directory numbers for stations, trunks, station groups, trunk groups and feature access codes. The OfficeServ 7200 and OfficeServ 7400 systems can be preprogrammed with a default three or four digit numbering for station, station groups and trunk numbers depending on the position of the DIP switches on the processor card. The OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S systems are always preprogrammed with a default three digit numbering for station, station groups and trunk numbers. The default numbering plan is only assigned once the system is powered up for the first time OR once the system memory has been manually cleared. There is an error message provided to prevent the accidental duplication of a directory number or feature access code.

OPTION	NAME	DESCRIPTION
0	STN NUMB.	This is where <b>DLI</b> , <b>SLI</b> , Virtual DLI ( <b>VDL</b> ), Virtual SLI ( <b>VSL</b> ), <b>ITP</b> , <b>WIP</b> , and <b>SIP</b> Station directory numbers are changed or assigned
1	TRK NUMB.	This is where Analog ( <b>TRK</b> ), <b>T1</b> , <b>PRI</b> , SPNET ( <b>NET</b> ), <b>SIP</b> , and H.323 ( <b>323</b> ) trunk directory numbers are changed or assigned
2	VMAA NUMB.	This is where embedded Samsung Voicemail ( <b>VM</b> ), SVMi-20E ( <b>VM</b> ), or OfficeServ IP-UMS ( <b>UMS</b> ) directory numbers are changed or assigned
3	MISC NUMB	This is where directory numbers for relays, MOH ports, and the Internal Modem are changed or assigned
4	MGI NUMB.	This is where the MGI port directory numbers are changed or assigned.

## MMC: 724

6	MOBEX NUM	This is where MOBEX directory numbers are changed or assigned. <b>NOTE:</b> MOBEX ports are paired internally, meaning that it is only necessary to number the odd-numbered MOBEX ports (e.g. 1, 3, 5, 7)
7	GROUP NUMBER	This is where station group and trunk group directory numbers are changed or assigned. Station groups are denoted by a SGR prefix and Trunk groups are denoted by a TGR prefix.
8	FEATURE NUMBER	This is where feature access codes are changed or assigned. Dialing codes are entered via the dial pad key by pressing the dial pad number, the required steps to select this feature. For example, for OHVA, the number 6 would be pressed three times. <b>NOTE:</b> Please remember that this program is system-wide.
9	NETWORK NUMBER	This is where Network LCR and Remote Station directory numbers are changed or assigned. Network LCR ports are used for Samsung system-to-system networking. Remote Stations are used to create local extensions for remote devices.

### FEATURE NUMBERING DIAL KEY PAD

COUNT→	1	2	3	4
DIAL 2	ABAND	BARGE	CAMP	ABAND
DIAL 3	DGPALM	E-LCR1	FAUTO	DGPALM
DIAL 4	GRPK	HDSET	IG	GRPK
DIAL 5	LCR	LCR	LCR	LCR
DIAL 6	MACR	NEW	OHVA	MACR
DIAL 7	PAGE	PAGE	RB	SETMG
DIAL 8	TCLIP	UA	VMADM	TCLIP
DIAL 9	WAKEUP	WAKEUP	WAKEUP	WAKEUP

### OPENING DISPLAY

Press TRANSFER 724.  
Display shows.

**STN NUMB. :C1-S05**  
**DLI-01:201 ~**

**MMC: 724****DEFAULT DATA: SEE BELOW**

<b>STN NUMB.:</b>	<b>DLI / SLI: †</b>	<b>201 ~ 2xx OR 2001 ~ 2xxx</b>	
	<b>VSL:</b>	<b>3501 ~ 35xx</b>	
	<b>VDL:</b>	<b>3401 ~ 34xx</b>	
	<b>ITP:</b>	<b>3201 ~ 32xx</b>	
	<b>WIP:</b>	<b>3301 ~ 33xx</b>	
	<b>SIP:</b>	<b>NONE</b>	
<b>TRK NUMB.:</b>	<b>TRK, T1, PRI:</b>	<b>701 ~ 7xx OR 7001 ~ 7xxx</b>	
	<b>NET:</b>	<b>8301 ~ 83xx</b>	
	<b>SIP:</b>	<b>8501 ~ 85xx</b>	
	<b>323:</b>	<b>8401 ~ 84xx</b>	
<b>VMAA NUMB.:</b>	<b>(Embedded) VM: †</b>	<b>301 ~ 3xx</b>	
	<b>(SVMi-20E) VM: †</b>	<b>201 ~ 2xx OR 2001 ~ 2xxx</b>	
	<b>UMS:</b>	<b>NONE</b>	
<b>MISC NUMB:</b> (OfficeServ 7100 and OfficeServ 7200-S)	<b>MUSIC ON HOLD</b>	<b>MISC01:</b>	<b>371</b>
	<b>EXTERNAL PAGE 1</b>	<b>MISC02:</b>	<b>361</b>
	<b>EXTERNAL PAGE 2</b>	<b>MISC03:</b>	<b>362</b>
	<b>EXTERNAL PAGE 3</b>	<b>MISC04:</b>	<b>363</b>
	<b>MODEM</b>	<b>MISC09:</b>	<b>3999</b>
<b>MISC NUMB:</b> (OfficeServ 7030)	<b>MUSIC ON HOLD</b>	<b>MISC01:</b>	<b>371</b>
	<b>EXTERNAL PAGE 1</b>	<b>MISC02:</b>	<b>361</b>
	<b>EXTERNAL PAGE 2</b>	<b>MISC03:</b>	<b>362</b>
	<b>EXTERNAL PAGE 3</b>	<b>MISC04:</b>	<b>363</b>
	<b>MODEM</b>	<b>MISC09:</b>	<b>399</b>
<b>MISC NUMB:</b> (OfficeServ 7200)	<b>EXTERNAL MUSIC ON HOLD 1 ††</b>	<b>MISC01:</b>	<b>372</b>
	<b>EXTERNAL MUSIC ON HOLD 2 ††</b>	<b>MISC02:</b>	<b>373</b>
	<b>EXTERNAL PAGE 1 ††</b>	<b>MISC03:</b>	<b>361</b>
	<b>LOUD BELL ††</b>	<b>MISC04:</b>	<b>3961</b>
	<b>COMMON BELL ††</b>	<b>MISC05:</b>	<b>3951</b>
	<b>EXTERNAL PAGE 2 ††</b>	<b>MISC06:</b>	<b>362</b>
	<b>EXTERNAL PAGE 3 ††</b>	<b>MISC07:</b>	<b>363</b>
	<b>INTERNAL CHIME</b>	<b>MISC08:</b>	<b>371</b>
	<b>MODEM †††</b>	<b>MISC09:</b>	<b>3999</b>
<b>MISC NUMB:</b> (OfficeServ 7400)	<b>EXTERNAL MUSIC ON HOLD 1 ††</b>	<b>MISC01:</b>	<b>372</b>
	<b>EXTERNAL MUSIC ON HOLD 2 ††</b>	<b>MISC02:</b>	<b>373</b>
	<b>EXTERNAL PAGE 1 ††</b>	<b>MISC03:</b>	<b>361</b>
	<b>LOUD BELL ††</b>	<b>MISC04:</b>	<b>3961</b>
	<b>COMMON BELL ††</b>	<b>MISC05:</b>	<b>3951</b>
	<b>EXTERNAL PAGE 2 ††</b>	<b>MISC06:</b>	<b>362</b>
	<b>EXTERNAL PAGE 3 ††</b>	<b>MISC07:</b>	<b>363</b>
	<b>INTERNAL CHIME</b>	<b>MISC09:</b>	<b>371</b>
	<b>MODEM</b>	<b>MISC010:</b>	<b>3999</b>
<b>MGI NUMB.:</b>	<b>3801~3xxx</b>		
<b>MOBEX NUM: ‡</b>	<b>NONE</b>		
<b>GROUP NUMBER:</b>	<b>SGR:</b>	<b>501 ~ 5xx OR 5001 ~ 50xx</b>	
	<b>TGR:</b>	<b>9, 800 ~ 8xx</b>	
<b>FEATURE NUMBER:</b>	<b>ABAND:</b>	<b>64</b>	
	<b>ABW:</b>	<b>NONE</b>	

## MMC: 724

	<b>ACCT:</b>	<b>47</b>
	<b>ALLCLR:</b>	<b>NONE</b>
	<b>ALMCLR:</b>	<b>57</b>
	<b>AUTH:</b>	<b>*</b>
	<b>BARGE:</b>	<b>NONE</b>
	<b>BILL:</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>CHIN:</b>	<b>NONE</b>
	<b>CHOUT:</b>	<b>NONE</b>
	<b>CHOICE:</b>	<b>NONE</b>
	<b>CONF:</b>	<b>46</b>
	<b>CONP:</b>	<b>NONE</b>
	<b>CR:</b>	<b>NONE</b>
	<b>CREDIT:</b>	<b>NONE</b>
	<b>DGPALM:</b>	<b>NONE</b>
	<b>DIR:</b>	<b>NONE</b>
	<b>DIRPK:</b>	<b>65</b>
	<b>DISALM:</b>	<b>58</b>
	<b>DIVERT:</b>	<b>NONE</b>
	<b>DLOCK:</b>	<b>13</b>
	<b>DND:</b>	<b>40</b>
	<b>DND0:</b>	<b>NONE</b>
	<b>E-LCR1:</b>	<b>NONE</b>
	<b>E-LCR2:</b>	<b>NONE</b>
	<b>E-LCR3:</b>	<b>NONE</b>
	<b>E-LCR4:</b>	<b>NONE</b>
	<b>FAUTO:</b>	<b>14</b>
	<b>FLASH:</b>	<b>49</b>
	<b>FPICK:</b>	<b>NONE</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>HOTEL:</b>	<b>NONE</b>
	<b>IG:</b>	<b>NONE</b>
	<b>INFDSP:</b>	<b>NONE</b>
	<b>LCR:</b>	<b>NONE</b>
	<b>LISTN:</b>	<b>NONE</b>
	<b>LNR:</b>	<b>19</b>
	<b>LOG:</b>	<b>NONE</b>
	<b>LOGOUT:</b>	<b>NONE</b>
	<b>MACR:</b>	<b>NONE</b>
	<b>MMPA:</b>	<b>56</b>

## MMC: 724

	MMPG:	54
	MOBEX: ‡	NONE
	MSG:	43
	MYGRPK:	NONE
	NEW:	18
	NPAGE:	NONE
	OHVA:	NONE
	OPER:	0
	PAGE:	55
	PAGPK:	10
	PARK:	NONE
	PMSG:	48
	PTHR:	NONE
	RB:	NONE
	REJECT:	NONE
	RP:	NONE
	RSV:	NONE
	RTO:	NONE
	SETMG:	41
	SIP CW:	NONE
	SLOCAT:	NONE
	SLTALM:	NONE
	SLTMMC:	15
	SNR:	17
	SPEED:	16
	SRELOC:	NONE
	STATE:	NONE
	TCLIP:	NONE
	UA:	67
	VMADM:	NONE
	VMAME:	NONE
	VMMEMO:	#
	VMMSG:	NONE
	WAKEUP:	NONE
	WCOS:	59
	WUPCLR:	NONE
NETWORK NUMBER:	LCR:	NONE
	RS:	NONE

† DLI, SLI, AND VM STATIONS ARE NUMBERED SEQUENTIALLY BASED ON CABINET POSITION AND SHARE THE 201 ~ 2xx OR 2001 ~ 2xxx NUMBERING RANGE.

‡ THE MOBEX FEATURE IS AVAILABLE IN THE OS7200 ONLY WITH THE MP20 PROCESSOR CARD AND WILL NOT BE DISPLAYED OR AVAILABLE WITH AN MCP CARD

†† THESE MISC PORTS ARE ONLY AVAILABLE WHEN A MISC CARD IS INSTALLED

††† THE MODEM PORT IS ONLY AVAILABLE ON THE MP20 PROCESSOR CARD

**MMC: 725****SMDR OPTIONS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to configure the Station Message Data Recording (SMDR) reports generated by the system.

OPTION	NAME	DESCRIPTION
00	PAGE HEADER	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) the SMDR page header. This would normally be turned off if SMDR is being sent to a Call Accounting system.
01	LINE PER PAGE	Set the length of each page (01-99 lines) to determine when to print the SMDR header.
02	INCOMING CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) incoming calls on the SMDR report.
03	OUTGOING CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) outgoing calls on the SMDR report.
04	AUTHORIZE CODE	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) authorization codes on the SMDR report.
05	SMDR START TIME	Subtract ( <b>YES</b> ) or ignore ( <b>NO</b> ) the <b>SMDR START /DP</b> and <b>SMDR START /DTMF</b> in <a href="#">MMC 501</a> from the call duration.
06	IN/OUT GROUP	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) Station Group log in and log out messages on the SMDR report. The messages, IN GROUP or OUT GROUP, print in the digits dialled column.
07	DND CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) Do Not Disturb messages on the SMDR report. The messages, IN DND or OUT DND, print in the digits dialled column.
08	WAKE-UP CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) Hotel/Motel Wake-Up Calls on the SMDR report.
09	DIRECTORY NAME	Set a name (up to 16 characters) to print on the SMDR header.

**MMC: 725**

OPTION	NAME	DESCRIPTION
10	CALLER ID DATA	This option can be selected to print Caller ID data received from the Central Office on incoming calls. This option requires the use of a 132 column (wide carriage) printer or an 80 column printer set for condensed print.
11	ABANDON CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) unanswered calls on the SMDR report. Only calls that have Caller ID information will be printed.
13	NO. OF DIAL MASK	The selected last digits (00-18) of the digits dialled field will be masked as asterisks (*) on the SMDR print out.
15	INCOMING ANSWER	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) ring time before answer for incoming calls on the SMDR report.
16	INTERCOM CALL	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) intercom calls on the SMDR report.
17	KEY MMC IN/OUT	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) SMDR report messages showing when a station enters or exits <a href="#">MMC 200</a> or <a href="#">MMC 800</a> programming.
19	HOTEL CALL COST <i>This option is only available in OfficeServ 7200 and OfficeServ 7400 systems.</i>	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) the cost of calls, from the Hotel/Motel feature, on the SMDR report.
20	HOTEL PAGE FEED <i>This option is only available in OfficeServ 7200 and OfficeServ 7400 systems.</i>	Sets the position ( <b>START, END, BOTH, NONE</b> ) on the report that a page feed command will be sent to the Hotel/Motel PMS link.
21	HOTEL START LINE <i>This option is only available in OfficeServ 7200 and OfficeServ 7400 systems.</i>	Set the line at which the system will begin printing reports.
24	ITP REGISTRATION	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) SMDR messages showing when a wired IP phone registers to the system. The message will show the station number in the EXT field and the IP address and signalling port in the ACCOUNT field.
25	SET RELOCATION	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) set relocation activity on the SMDR report. One station number will print in the EXT field and the other station number will print in the ACCOUNT field.

**MMC: 725**

OPTION	NAME	DESCRIPTION
26	CALL INDEX	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) the Call Index field on the SMDR report. The Call Index field displays a unique call identifier for each call.
28	INCOM CALL RESP	Print ( <b>YES</b> ) or hide ( <b>NO</b> ) unanswered incoming call attempts on the SMDR report. These calls have a code of "IR".

**OPENING DISPLAY**

Press TRANSFER 725.  
Display shows.

**PAGE HEADER**  
**PRINT : YES**

**DEFAULT DATA:**

<b>PAGE HEADER:</b>	<b>YES</b>
<b>LINE PER PAGE:</b>	<b>50</b>
<b>INCOMING CALL:</b>	<b>NO</b>
<b>OUTGOING CALL:</b>	<b>YES</b>
<b>AUTHORIZE CODE:</b>	<b>NO</b>
<b>SMDR START TIME:</b>	<b>YES</b>
<b>IN/OUT GROUP:</b>	<b>NO</b>
<b>DND CALL:</b>	<b>NO</b>
<b>WAKE-UP CALL:</b>	<b>YES</b>
<b>DIRECTORY NAME:</b>	<b>NONE</b>
<b>CALLER ID DATA:</b>	<b>NO</b>
<b>ABANDON CALL:</b>	<b>NO</b>
<b>NO. OF DIAL MASK:</b>	<b>00</b>
<b>INCOMING ANSWER:</b>	<b>NO</b>
<b>INTERCOM CALL:</b>	<b>NO</b>
<b>KEY MMC IN/OUT:</b>	<b>NO</b>
<b>HOTEL CALL COST:</b>	<b>YES</b>
<b>HOTEL PAGE FEED:</b>	<b>END</b>
<b>HOTEL START LINE:</b>	<b>0</b>
<b>ITP REGISTRATION:</b>	<b>NO</b>
<b>SET RELOCATION:</b>	<b>NO</b>
<b>CALL INDEX:</b>	<b>NO</b>
<b>INCOM CALL RESP:</b>	<b>NO</b>

**RELATED ITEMS:**    [MMC 300 CUSTOMER ON/OFF PER STATION](#)

## MMC: 726

## VM/AA OPTIONS

### DESCRIPTION:

This MMC is used to define all the in band DTMF codes sent to SLT voice mail ports for an external VM system. These in band codes can be 0-9, A, B or C, and performed two functions. Note that this MMC is not used for Samsung in-skin VM systems.

#### 1. CALL AND TYPE INFORMATION

This is a DTMF signaling string sent to a voice mail port when the voice mail port answers a call. This DTMF information tells the voice mail port what type of call it is receiving and where the call is coming from. e.g. call has forwarded from extension 225

#### 2. CALL PROGRESS TONES

These are sent to the voice mail system to provide information about the progress of the call. e.g. ringback, busy or disconnect.

Most Voice Mail systems can utilize DTMF in band signaling for more efficient call processing. This MMC has many parameters that can be programmed according to the type of automated attendant and/or voice mail system connected.

### CALL and TYPE INFORMATION

The format of the DTMF data sent to a VM/AA port is as follows:

[CALL TYPE] + [DN1] + [SEPARATOR] + [DN2]

an example of this would be

[FORWARD ALL ] from [ 225 ] on trunk [ 703 ]

Each field can be programmed individually as follows:

**EXTENSION FOR DN1:** If set to yes, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series will send data in the DN1 field indicating that a station is ringing the VMAA port.

If set to no, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will not send station data in the DN1 field.

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**TRUNK FOR DN1:** If set to yes, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will send data in the DN1 field indicating that a trunk is ringing the VMAA port.

If set to no, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will not send trunk data in the DN1 field.

**EXTENSION FOR DN2:** If set to yes, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will send data in the DN2 field indicating the originating station of the call ringing the VMAA port.

If set to no, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will not send station data in the DN2 field.

**TRUNK FOR DN2:** If set to yes, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will send data in the DN2 field indicating the originating trunk of the call ringing the VMAA port.

If set to no, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series system will not send trunk data in the DN2 field.

**SEPARATOR:** When both DN1 and DN2 are used, a digit defined here is sent between DN1 and DN2 so the VMAA system can determine where DN 1 stops and where DN 2 starts. The separator can be DTMF 0 through 9, A, B or C

**DISCONNECT:** This is the call progress digit sent to the VMAA port in place of a disconnect open. The digit defined here is sent three times.

**CALLER ID NUMBER:** If set to yes, when the voice mail auto attendant system answers a call the OfficeServ 7000 Series will send Caller ID data as DTMF tones to the VMAA port.

**CALL TYPE ID:** This is the DTMF digit that is sent first in the in band digit string and can identify any of the following call types:

- |                 |   |
|-----------------|---|
| 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. |

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- |                 |  |
|-----------------|--|
| 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 C.O. call has gone directly to VM/AA (e.g., 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.                       |

### PROGRESS TONES

These are the DTMF codes that is sent to the VMAA port in place of regular progress tones. For example, when a VMAA port goes off hook to originate or transfer a call, instead of hearing normal dial tone, it will hear DTMF "BA". Progress tones can greatly increase the efficiency of a VMAA system because it is easier and quicker to detect DTMF than a busy, ringback or DND tone.

Progress tones can identify any of the following.

<u>TONES</u>	<u>VALUE</u>
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

### GENERAL RULES

- 201 is talking to a trunk and presses TRANSFER plus the station number, but the station is forwarded to VM/AA and VM/AA answers. When this happens, if 201 presses TRANSFER again to return to the trunk, the VM/AA port is not on hold. It is disconnected.

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2. A VM/AA port leaves a message indication for a station. When the station returns the message, any available port in the VM/AA group should ring, not only the one that left the message.
3. A VM/AA port leaves a message for a station. When the station returns the message, the MESSAGE LED is not automatically turned off. If a VM/AA system turns on the MESSAGE LED, the VM/AA system must turn it off.
4. If DTMF call progress tones are not enabled, the system sends regular call progress tones (see Item # 3).
5. When a VM/AA port calls a station that is in the AUTO ANSWER or VOICE ANNOUNCE mode, the keyset will be forced to ring.
6. All calls to a VM/AA port or group ring with C.O. line ringing cadence, not intercom ring cadence.

### EXAMPLES OF VM/AA OPERATION (IN BAND DTMF DIGIT STRING)

In the following example, all call and type data is turned on unless otherwise stated. x is the separator digit, all-default values are used in these examples and [ ] is not used.

A DIL 701 calls a VM/AA port or group:

[ \* ]+[701]+[ ]+[ ]

In the above example, if C.O. information is not used:

[ ]+[ ]+[ ]+[ ] (Nothing is used)

DIL 701 calls a call-forwarded station (205):

[ # ]+[205]+[ X ]+[701]

In the above example, if forward information is not used:

[ ]+[205]+[ X ]+[701]

In the above example, if forward and DN2/C.O. information is not used:

[ ]+[205]+[ ]+[ ]

DIL 701 calls group 501 that overflows to VM/AA:

[ # ]+[501]+[x]+[701]

In the above example, if overflow information is turned off:

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

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A DID call rings the VM/AA directly:

[ B ]+[9999]+[ ]+[ ]

9999 are the DID digits from C.O.

In the above example, if did information is turned off:

[ ]+[9999]+[ ]+[ ]

A station transfers (blind or screened) a call (C.O., DID or intercom) to VM/AA group or port. When the transferring station hangs up (blind transfer):

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A station (202) transfers a C.O. call (702) to a station (225) that is Call Forward All to a VM/AA group or port. When the transferring station hangs up (blind transfer) and the VM/AA group or port answers:

[ # ]+[225]+[x]+[702]

A station (202) transfers a C.O. call (702) to a group (501) that overflows to a VM/AA group or port:

[ # ]+[501]+[ X ]+[702]

In the above example, if overflow information is turned off:

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A station (205) calls a VM/AA port or group :

[ \* ]+[205]+[ ]+[ ]

In the above example, if direct information is turned off:

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A station (205) calls using MESSAGE key:

[ \* ]+[205]+[ ]+[ ]

In the above example, if message information is turned off:

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A call (702) recalls back from station 225 to the VM/AA group:

[ # ]+[225]+[x]+[702]

In the above example, if recall and DN2/CO information are turned off:

[ ]+[ ]+[ ]+[ ] (Nothing is sent)

## MMC: 726

### OPENING DISPLAY

Press TRANSFER 726.  
Display shows.

EXT FOR DN1  
YES

**DEFAULT DATA:**    EXT FOR DN1 = YES  
                         TRK FOR DN1 = YES  
                         EXT FOR DN2 = NO  
                         TRK FOR DN2 = NO  
                         SEPARATOR = NO  
                         DISCONNECT SIGNAL = C  
                         CALL TYPE ID = (ALL SUB-OPTIONS \* OR #)  
                         PROGRESS TONE ID = BA  
                         CALLER ID NUMBER = NO

**RELATED ITEMS:**    [MMC 207 ASSIGN VM/AA PORT](#)

## **MMC: 727      SYSTEM VERSION DISPLAY**

### **DESCRIPTION:**

This MMC is only used for system version display. This is a READ ONLY MMC.

### **OPENING DISPLAY**

Press TRANSFER 727.  
Display shows.

**MCP VERSION**  
**2005.07.15 V2.46**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

# MMC: 728 CID / ANI TRANSLATION TABLE

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to associate a CID or ANI number received from the CO with a name programmed in this translation table. This is primarily for use when the CO does not deliver Caller ID name or when ANI is sent (as ANI does not support name). If no name is received from the CO and no matching entry is found in this table, the display will show "no CID name" for the call. Each entry in the table is comprised of a telephone number (up to 14 digits) and a name (up to 16 alphanumeric characters).

The number of entries in the table is determined by system type as follows:

OPTION	OS 7030	OS 7100	OS 7200-S	OS 7200	OS 7400
TRANSLATION ENTRIES	1000	1000	1000	1000	2000

## OPENING DISPLAY

Press TRANSFER 728.  
Display shows first entry.

**TRANSLATION(001)**  
**DIGIT:**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 312 ALLOW CID / ANI](#)  
                          [MMC 414 ASSIGN CID / ANI TRUNKS](#)  
                          [MMC 420 ANI / DNIS OPTIONS](#)  
                          [MMC 608 ASSIGN REVIEW BLOCKS](#)  
                          [MMC 728 CID / ANI TRANSLATION TABLE](#)

## MMC: 729 RATE CALCULATION TABLE

### DESCRIPTION:

The RATE CALCULATION TABLE is used to define the billing charges for each COST RATE. These rate tables correlate with the Trunk Cost Rate and the Costing Dial Plan. There are eight call costing rates. Each rate has the following data fields.

**FIRST INTERVAL DURATION:** This is the amount of time at the beginning of each call to which a fixed cost is applied. The range is from 0 to 999 seconds, for example, 180 seconds (three minutes).

**FIRST INTERVAL COST:** This is the dollar cost for the first interval duration. The range is from 0 to 999, for example, 345 (\$3.45).

**SECOND INTERVAL DURATION:** This is the amount of time for the duration of each billing increment after the first interval has expired. The range is from 0 to 999 seconds, for example, 006 seconds (six seconds).

**SECOND INTERVAL COST:** This is the dollar cost for each billing increment. The range is from 0 to 999, for example 100 (\$1.00).

**SURCHARGE:** This is a one-time charge that is applied to the call over and above the time charges. The range is from 0 to 999, for example 150 (\$1.50).

### OPENING DISPLAY

Press TRANSFER 729.  
Display shows COST RATE and FIRST  
INTERVAL DURATION.

**COST RATE [1]  
1ST DUR:000**

**DEFAULT DATA:** ALL COST RATES NO DATA

**RELATED ITEMS:** [MMC 317 CALL COST DISPLAY OPTION](#)  
[MMC 422 TRUNK COST RATE](#)  
[MMC 730 COSTING DIAL PLAN](#)

## MMC: 730

## COSTING DIAL PLAN

### DESCRIPTION:

The COSTING DIAL PLAN is used to analyze the leading dialed digits of a dialed number and determine what DIAL PLAN it is to follow. Data entry for this program is in three fields: ENTRY, DIGITS and COST RATE table reference.

**DIGITS:** Up to 500 entries may be made. Each entry can be up to ten digits. These are the entries that will be searched to find a match with the digits dialed by the station making the call. This is a leading digits table and the system will look for the exact leading digits in the table that match the number dialed. For example, if a user dials 1305 and the COSTING DIAL PLAN contains 1, 1308 and 1312, the dialed digits will be matched to 1 because 1308 and 1312 do not form a complete match. When this table is created by the technician or when any new entries are added, the system automatically places all entries in numerical order.

Wild cards (\*) can be used to represent any digit. The Toll Restriction Wild Character assignment (MMC 704) is common with Call Costing and Toll Restriction. When all entries are used, [LAST ENTRY] is displayed.

### DIAL PLAN

This shows in the programming display as DP and represents a pattern (1–7, 8). This pattern is used by MMC 422 TRUNK COST RATE, to determine the correct billing according to MMC 729 RATE CALCULATION TABLE

When the system finds a DIAL PLAN match for the digits dialed, the system checks MMC 729 to see what RATE CALCULATION to use for costing the call.

### EXAMPLES

When a station user dials a number, the system will search the COSTING DIAL PLAN to find a match. If 13056 is dialed and this MMC contains entries 1, 13, 1305 and 1401, 1305 is the closest match and this entry will be selected. If 1305 is dialed and this MMC contains entries 1, 13, 13056 and 1401, no action will be taken until the station user dials another digit. If the next digit is 6, the 13056 entry is the closest match and this entry will be selected, but if the next digit is anything other than 6, the 13 entry is the closest match.

Whenever a new entry is added, the system will sort all entries in numerical order because this is the logical order in which the system analyzes digits. Wild cards are checked after

## MMC: 730

exact digits. If 1813 and 18\*\* are entered, the system will check 1813 first. If no match is found, it will check 18\*\*.

### OPENING DISPLAY

Press TRANSFER 730.  
Display shows.

**COST DP** (001)  
**DIGIT:**

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 317 CALL COST DISPLAY OPTION](#)  
[MMC 422 COST RATE](#)  
[MMC 729 RATE CALCULATION TABLE](#)

**MMC: 740****SVM SYSTEM****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Applies to v.4.30 or Higher]**

This MMC allows the technician to manage configuration options for the Samsung Voicemail (SVM) system.

OPTION	NAME	VALUE		DESCRIPTION
0	SVM AUTO SETUP	0	NO	Do not send the information specified in <b>DOWNLOAD OPTIONS</b> to the SVM at boot time.
		1	YES	Each time the SVM reboots send the options specified under <b>DOWNLOAD OPTIONS</b> to the SVM. <i>It is recommended to set this option to NO after performing the initial system setup and ensuring all SVM data has been written properly. This reduces SVM boot-up time and also ensures critical data is not overwritten or deleted accidentally.</i>
1	RESTART SVM <i>This option is not available in the OfficeServ 7030, OfficeServ 7100, or OfficeServ 7200-S systems.</i>	-		Reboot the SVMi-20E card. <i>This option has no effect on the OfficeServ IP-UMS application.</i>
2	SVM TYPE <i>This option is not available in the OfficeServ 7030, OfficeServ 7100, or OfficeServ 7200-S systems.</i>	0	SVM	Use the SVMi-20E as the SVM.
		1	SVM-400	Use the SVMi-400E as the SVM <i>The SVMi-400E is not available in the US.</i>
		2	IPUMS	Use the OfficeServ IP-UMS application as the SVM.

**MMC: 740**

OPTION	NAME	VALUE	DESCRIPTION
3	DOWNLOAD OPTIONS	00 STATION NAME	Allow the Subscriber name in the SVM to sync with the Station Name in <a href="#">MMC 104</a> . This is a bidirectional synchronization which means that changes to <a href="#">MMC 104</a> will be sent to the SVM and changes in the SVM will be sent to <a href="#">MMC 104</a> .
		01 DLI/SLI	Download the information for DLI and SLI ports according to <a href="#">MMC 741</a> .
		02 DESKTOP ITP	Download the information for ITP keysets according to <a href="#">MMC 741</a> .
		03 WiFi PHONE	Download the information for WIP handsets according to <a href="#">MMC 741</a> .
		04 SIP PHONE	Download the information for SIP stations according to <a href="#">MMC 741</a> .
		05 VIR. DLI/SLI	Download the information for Virtual DLI and SLI ports according to <a href="#">MMC 741</a> .
		07 SPNET STN	Create Extension blocks for all SPNET stations. Also creates Mailbox blocks for any SPNET station where <b>MBX</b> is set to <b>YES</b> in <a href="#">MMC 824</a> .
		08 MOBEX STN	Download the information for MOBEX ports according to <a href="#">MMC 741</a> .
		09 STN GROUP	Download the information for Station Groups according to <a href="#">MMC 741</a> .
		10 PSTN TRUNK	Write all LOOP, T1, and PRI trunks to the SVM Trunks table.
		11 VOIP TRUNK	Write all SIP and H.323 trunks to the SVM Trunks table.
		12 SPNET TRUNK	Write all SPNET trunks to the SVM Trunks table.

## MMC: 740

**NOTE:** If, during any test procedures, you need to run the system with a default database remove the SVM until the procedure is finished and the customer database is reloaded. This ensures that no SVM data is overwritten or deleted as a result of **SVM AUTO SETUP** defaulting back to **YES**.

### OPENING DISPLAY

Press TRANSFER 740.  
Display shows.

**SVM AUTO SETUP**  
**YES**

**DEFAULT DATA:**     **OfficeServ 7200 and OfficeServ 7400:**  
**SVM AUTO SETUP:**         **NO**

**OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S:**  
**SVM AUTO SETUP:**         **YES**

**All OfficeServ Systems:**  
**RESTART SVM:**             **NO**  
**SVM TYPE:**                 **SVM CARD**  
**DOWNLOAD OPTIONS**

<b>STATION NAME:</b>	<b>YES</b>
<b>DLI/SLI:</b>	<b>YES</b>
<b>DESKTOP ITP:</b>	<b>YES</b>
<b>WiFi PHONE:</b>	<b>NO</b>
<b>SIP PHONE:</b>	<b>NO</b>
<b>VIR. DLI/SLI:</b>	<b>NO</b>
<b>SPNET STN:</b>	<b>NO</b>
<b>MOBEX STN:</b>	<b>NO</b>
<b>STN GROUP:</b>	<b>NO</b>
<b>PSTN TRUNK:</b>	<b>YES</b>
<b>VOIP TRUNK:</b>	<b>NO</b>
<b>SPNET TRUNK:</b>	<b>NO</b>

**RELATED ITEMS:**     **NONE**

# MMC: 741

# USER OPTIONS

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.40 or Higher]

This MMC is used to determine if the Samsung Voicemail should create an Extension block only (**EXT**), Mailbox block only (**MBX**), **BOTH**, or neither (**NONE**) for a given station or station group on a per-station or station group basis. You may also set which Subscriber Group (**GRP**) to create the block(s) in.

OPTION	NAME	VALUE	DESCRIPTION
0	DLI/SLI	MAKE	Set the block types to build for digital keyset (DLI)/ITP and Single Line Telephone (SLI) ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build DLI/ITP and SLI Extension blocks and Mailbox blocks in.
1	DESKTOP ITP	MAKE	Set the block types to build for wired IP phone ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build wired IP phone Extension blocks and Mailbox blocks in.

## MMC: 741

OPTION	NAME	VALUE	DESCRIPTION
2	WiFi PHONE	MAKE	Set the block types to build for wireless IP handset ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build wireless IP handset Extension blocks and Mailbox blocks in.
3	SIP PHONE	MAKE	Set the block types to build for SIP station ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build SIP station Extension blocks and Mailbox blocks in.
4	VIR.DLI/SLI	MAKE	Set the block types to build for Virtual Digital keyset (DLI) and Virtual Single Line Telephone (SLI) ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build Virtual DLI and SLI Extension blocks and Mailbox blocks in.
5	SO TERMINAL  <i>This option only affects ISDN BRI stations. BRI cards are not sold in the US, so this setting has no effect.</i>	MAKE	Set the block types to build for ISDN BRI station ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build BRI station Extension blocks and Mailbox blocks in.

**MMC: 741**

OPTION	NAME	VALUE	DESCRIPTION
7	MOBEX STN  <i>This option is not available in an OfficeServ 7200 using an MCP processor card.</i>	MAKE	Set the block types to build for MOBEX ports: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build MOBEX Extension blocks and Mailbox blocks in.
8	STN GROUP	MAKE	Set the block types to build for Station Groups: <b>EXT</b> builds only an Extension block <b>MBX</b> builds only a Mailbox block <b>BOTH</b> builds both an Extension block and a Mailbox block <b>NONE</b> creates nothing for the station
		GRP	Set the Subscriber Group (01~99) to build Station Group Extension blocks and Mailbox blocks in.

**OPENING DISPLAY**

Press TRANSFER 741.  
Display shows the first station port.

**DLI/SLI : 201**  
**MAKE:BOTH GRP:01**

**DEFAULT DATA:**

<b>DLI/SLI:</b>	<b>ALL</b>
<b>MAKE:</b>	<b>BOTH</b>
<b>GRP:</b>	<b>01</b>
<b>DESKTOP ITP:</b>	<b>ALL</b>
<b>MAKE:</b>	<b>BOTH</b>
<b>GRP:</b>	<b>01</b>
<b>WiFi PHONE:</b>	<b>ALL</b>
<b>MAKE:</b>	<b>BOTH</b>
<b>GRP:</b>	<b>01</b>

## MMC: 741

**SIP PHONE:** ALL  
**MAKE:** NONE  
**GRP:** 01

**VIR. DLI/SLI:** ALL  
**MAKE:** NONE  
**GRP:** 01

**S0 TERMINAL:** ALL  
**MAKE:** NONE  
**GRP:** 01

**MOBEX STN:** ALL  
**MAKE:** NONE  
**GRP:** 01

**STN GROUPS:** ALL  
**MAKE:** EXT  
**GRP:** 01

**RELATED ITEMS:** NONE

## MMC: 743

## AUTO RECORD

### DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card (SVMi).

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 or outgoing) can be recorded.

When this option is selected a specific port should 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 is 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

The maximum number of stations assigned the AUTO RECORD feature is limited to the maximum number of SVMi ports. Each station using AUTO RECORD depletes Voice Mail/Auto Attendant ports by one.

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 here, it is automatically removed from the Voice Mail group (539 or 5039) 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.

### OPENING DISPLAY

Press TRANSFER 743.  
Display shows.

**AUTO RECORD**  
**STN:201 MB:NONE**

---

**MMC: 743**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

**MMC: 744****VM DAY / NIGHT****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Applies to V4.30 or Higher]**

This MMC allows the technician to configure which Operating mode in the Samsung Voicemail corresponds to each of the six (6) Ring Plans in the OfficeServ 7000 Series system. This allows you to ensure that the Samsung Voicemail answers with the correct greetings and menu options for a given ring plan time.

OPTION	NAME	DESCRIPTION
1	RING 1	Set the Voicemail Operating Mode (01-99) the Samsung Voicemail should be in during the specified Ring Plan (set in <a href="#">MMC 507</a> ).
2	RING 2	
3	RING 3	
4	RING 4	
5	RING 5	
6	RING 6	

**OPENING DISPLAY**

Press TRANSFER 744.  
Display shows.

**VM DAY/NIGHT**  
**RING 1 : 01**

**DEFAULT DATA:**    **RING 1~6:**            **01**

**RELATED ITEMS:**    **SVM CARD**  
                              [MMC 507 ASSIGN AUTO NIGHT TIME](#)

## MMC: 745

## WARNING DESTINATION

### DESCRIPTION:

This MMC is used to set alarm notification destinations for the Samsung Plug In Voice Mail card and for the Hotel/Motel transaction buffer alarm.

#### 1. Samsung Plug-In Voice Mail Card (SVMi)

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 or group number.

#### 2. Hotel/Motel Transaction Record Buffer Alarm

This MMC provides a destination for the Transaction Report Buffer Alarm. The transaction record buffer has a maximum capacity of 10,000 records. This alarm will ring the destination when the buffer level has reached 9500 records. Note: Either of these alarms may be disabled by setting the destination as NONE.

### OPENING DISPLAY

Press TRANSFER 745.  
Display shows.

**WARNING DEST.**  
**DEST:500**

**DEFAULT DATA:**     **DEST = 500**

**RELATED ITEMS:**     **NONE**

**MMC: 746****VM HALT****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to halt the Samsung Voicemail System (SVM). This allows the technician to take the voicemail offline without damaging the integrity of the SVM. This command will wait for all traffic to disconnect from the voicemail and then shut down the application.

**NOTE:** This SVM shutdown **MUST** be performed before resetting the OfficeServ 7000 Series system in order to avoid any possible corruption of SVM files.

**OPENING DISPLAY**

Press TRANSFER 746.  
Display shows.

**VM HALT**  
**STATUS : PROC**  
OfficeServ 7200 and 7400

**VM HALT**  
**STATUS : RESTART**  
OfficeServ 7030, 7100, and 7200-S

**DEFAULT DATA:**    OfficeServ 7200 and OfficeServ 7400:  
PROC

OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S:  
RESTART

**RELATED ITEMS:**    NONE

## MMC: 747

## VM ALARM

### DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card (SVMi).

This MMC will generate an alarm message in the mailbox defined in MMC 745 whenever the Voice Mail disk drive reaches this 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. The end user should be instructed to delete old messages to recover disk space.

### OPENING DISPLAY

Press TRANSFER 747.  
Display shows.

**VM ALARM**  
**THRESHOLD : 80**

**DEFAULT DATA:**     **80%**

**RELATED ITEMS:**     **NONE**

## MMC: 748

## ASSIGN VM MOH

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC is used to assign Samsung Voicemail ports as Music-On-Hold (MOH) sources for the system.

There are 100 available sound files, designated in the voicemail as prompt numbers 5000 to 5099. These prompts contain default music, but can be re-recorded as desired. Once a port has been set as an MOH source in this MMC it will be immediately available in other MMCs as an MOH source.

**NOTE:** Samsung Voicemail ports can be used for voicemail or MOH, not both. Ports designated as MOH devices will be unusable for normal voicemail call processing.

### OPENING DISPLAY

Press TRANSFER 748.  
Display shows.

**SET VM MOH**  
**209 : NOT USED**

**DEFAULT DATA:** NOT USED

**RELATED ITEMS:** NONE

## MMC: 749

## VM IN/OUT

### DESCRIPTION:

This MMC is used to determine whether voicemail ports can be used for inbound calls only (**IN**), outbound calls only (**OUT**), or both (**IN/OUT**). The default setting is **IN/OUT** for all ports.

**NOTE: Only SVMi-20E and OfficeServ IP-UMS ports are supported by this MMC.**

### OPENING DISPLAY

Press TRANSFER 749.  
Display shows.

VM IN/OUT  
209: IN/OUT

**DEFAULT DATA:** IN/OUT

**RELATED ITEMS:** NONE

# MMC: 759

# CLI RINGING

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to program the OfficeServ 7000 Series system to react to calls from this list of Caller ID numbers in a specific way. These reactions include such things as rejecting the call or setting a specific ring tone.

The OfficeServ 7400 allows up to 999 numbers to be specified in this list. All other OfficeServ 7000 Series systems allow up to 500 numbers.

OPTION	VALUE		DESCRIPTION
CLI	-		Apply specific actions to calls received with this Caller ID number. Up to 16 digits may be entered.
REJ	0	NO	Allow the call to ring to the system.
	1	YES	Reject the call. This setting is mostly used for abusive or "prank" callers.
PRI	0	NO	Do not apply prioritization to this call.
	1-9	1-9	Designate the caller as the specified priority for Priority Call Queueing applications.
R1-R6	Any Station or Station Group number		Divert the call to the specified Station or Station Group during the specified Ring Plan ( <b>R1-R6</b> ).
TONE	0	NO	Do not designate a ring tone.
	1-8	1-8	Use the specified ring tone when delivering this call to a station.

## MMC: 759

OPTION	VALUE		DESCRIPTION
CAD	0	NO	Do not designate a ring cadence.
	1-5	1-5	Use the specified ring cadence when delivering this call to a station.

### OPENING DISPLAY

Press TRANSFER 759.  
Display shows.

**CLI RINGING(001)**  
**CLI :**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 312 ALLOW CID](#)  
                          [MMC 419 DISTINCTIVE RING PER STATION/TRUNK](#)  
                          [MMC 714 DID TRANSLATION](#)  
                          [MMC 813 HOTEL OPERATION](#)

**MMC: 760****ITEM COST TABLE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

*This is a Hotel / Motel specific MMC. When **HOTEL SERVICE** is set to **DISABLE**, in **MMC 813**, this MMC will display an error that reads "HOTEL DISABLED".*

**NOTE:** Although this MMC is available in the OfficeServ 7030 it cannot be used as **HOTEL SERVICE** cannot be enabled on the MP03 processor. **HOTEL SERVICE** may only be enabled on the OfficeServ 7200 and OfficeServ 7400 systems.

This MMC allows the technician to assign a code to a billable item along with a 10 character name for the item. In addition to the name, up to 8 of the tax codes or rates defined in [MMC 761](#) can be applied to each item. These item codes (with the exception of codes 93 to 99) will appear on the guest's bill at checkout and will serve to identify what each charge on the bill is for. There are a maximum of 100 entries (00 to 99) in the table, with item 00 reserved as the code for room deposits, 01 reserved as the code for phone deposits, and items 89 to 99 are reserved for other system related items.

The reserved item codes are as follows:

CODE	NAME	PURPOSE
00	RM Deposit	This is the code used for pre-pay room deposits
01	PH Deposit	This is the code used for pre-pay phone deposits
89	W/UP SET	A wake up call has been set.
90	W/UP ANS	A wake up call was answered
91	W/UP N/ANS	A wake up call was not answered
92	W/UP CANCL	A wake up call was canceled
93	Check In	A guest has checked into a room
94	Check out	A guest has checked out of a room

**MMC: 760**

95	Available	A room has been flagged as OCCUPIED
96	Occupied	A room has been flagged as AVAILABLE
97	Clean Room	A room has been flagged as NEEDS CLEANING
98	Fix Room	A room has been flagged as NEED MAINTENANCE
99	Hold	A room has been flagged as HOLD

**OPENING DISPLAY**

Press TRANSFER 760.  
Display shows.

**ITEM CODE (00)**  
**NAME:RM Deposit**

<b>DEFAULT DATA:</b>	(00)	<b>NAME:</b>	<b>RM Deposit</b>	<b>TAX:</b>	<b>00000000</b>
	(01)	<b>NAME:</b>	<b>PH Deposit</b>	<b>TAX:</b>	<b>00000000</b>
	(89)	<b>NAME:</b>	<b>W/UP SET</b>	<b>TAX:</b>	<b>00000000</b>
	(90)	<b>NAME:</b>	<b>W/UP ANS</b>	<b>TAX:</b>	<b>00000000</b>
	(91)	<b>NAME:</b>	<b>W/UP N/ANS</b>	<b>TAX:</b>	<b>00000000</b>
	(92)	<b>NAME:</b>	<b>W/UP CANCL</b>	<b>TAX:</b>	<b>00000000</b>
	(93)	<b>NAME:</b>	<b>Check In</b>	<b>TAX:</b>	<b>00000000</b>
	(94)	<b>NAME:</b>	<b>Check out</b>	<b>TAX:</b>	<b>00000000</b>
	(95)	<b>NAME:</b>	<b>Available</b>	<b>TAX:</b>	<b>00000000</b>
	(96)	<b>NAME:</b>	<b>Occupied</b>	<b>TAX:</b>	<b>00000000</b>
	(97)	<b>NAME:</b>	<b>Clean Room</b>	<b>TAX:</b>	<b>00000000</b>
	(98)	<b>NAME:</b>	<b>Fix Room</b>	<b>TAX:</b>	<b>00000000</b>
	(99)	<b>NAME:</b>	<b>Hold</b>	<b>TAX:</b>	<b>00000000</b>

**RELATED ITEMS:**    [MMC 221 TELEPHONE TYPE](#)  
                          [MMC 761 TAX RATES](#)  
                          [MMC 762 ROOM COST RATE](#)  
                          [MMC 813 HOTEL PROGRAMMING](#)

**MMC: 761****TAX RATE SETUP****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

*This is a Hotel / Motel specific MMC. When **HOTEL SERVICE** is set to **DISABLE**, in **MMC 813**, this MMC will display an error that reads "HOTEL DISABLED".*

**NOTE:** Although this MMC is available in the OfficeServ 7030 it cannot be used as **HOTEL SERVICE** cannot be enabled on the MP03 processor. **HOTEL SERVICE** may only be enabled on the OfficeServ 7200 and OfficeServ 7400 systems.

This MMC allows the technician to configure the 8 tax rates used for item charges set in [MMC 760](#). Each tax rate may be defined as a fixed dollar value or as a percentage of the item cost. In addition a 10 character name may be used to define the reason for the tax. The tax rates are numbered 1 to 8, and are listed in [MMC 760](#) as XXXXXXXX with rate 1 on the left and counting up to rate 8 on the right.

OPTION	VALUE		DESCRIPTION
TYP	0	%	Apply the tax rate as a percentage of the item cost.
	1	C	Apply the tax rate as a fixed dollar value to the item cost.
	2	I	Apply the tax rate as a percentage that is included in the price of the item, such as with a Value-Added-Tax (VAT).
VAL	00.000-99.999		Set the actual tax rate that will be applied to the item cost.
NAME	-		Set a 10 character name that will be displayed on the room bill alongside the tax value.

## MMC: 761

### OPENING DISPLAY

Press TRANSFER 761.  
Display shows.

**TAX RATE (1)**  
**TYP: % VAL: 00.000**

**DEFAULT DATA:**    **ALL ENTRIES:**  
                          **TYP:**            %  
                          **VAL:**            00.000  
                          **NAME:**          NONE

**RELATED ITEMS:**    [MMC 760 ITEM COST](#)  
                              [MMC 762 ROOM COST RATE](#)  
                              [MMC 813 HOTEL PROGRAMMING](#)

**MMC: 762****ROOM COST RATE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

*This is a Hotel / Motel specific MMC. When **HOTEL SERVICE** is set to **DISABLE**, in **MMC 813**, this MMC will display an error that reads "HOTEL DISABLED".*

**NOTE:** Although this MMC is available in the OfficeServ 7030 it cannot be used as **HOTEL SERVICE** cannot be enabled on the MP03 processor. **HOTEL SERVICE** may only be enabled on the OfficeServ 7200 and OfficeServ 7400 systems.

This MMC allows the technician to set daily room rate percentages. This allows certain days of the week to price out at less than the full room rate. For example, a room that is normally \$100.00 during peak periods or weekends can be set to bill at 75% on weekdays, resulting in a charge of \$75.00 for weekdays. The available range of adjustment is 001% to 999% of the daily room rate established in [MMC 760](#).

**OPENING DISPLAY**

Press TRANSFER 762.  
Display shows.

**RM COST RAT (SUN)**  
**100% :**

**DEFAULT DATA:    ALL DAYS:    100%**

**RELATED ITEMS:**    [MMC 760 ITEM COST](#)  
                          [MMC 761 TAX RATE](#)  
                          [MMC 813 HOTEL PROGRAMMING](#)

# MMC: 763

## SECOND LCR

### DESCRIPTION:

This MMC extends system Least Cost Routing tables to accommodate sites with very large networks or where specialized dialing formats are required. It uses a table of 198 entries containing telephone numbers that can be optionally translated and sent to a custom destination. The options are as follows:

0. **IN DIGIT:** This option determines the dial string to match on. This number will be dialed after dialing an E-LCR FEATURE CODE. Up to 16 digits may be entered into this field.
1. **OUT DIGIT:** This is the digit string that will be sent to the NEXT ROUTE instead of the IN DIGITS. Up to 16 digits may be entered into this field.
2. **USE LCR NUM:** This option determines which E-LCR FEATURE CODE should use this digit translation. Valid entries are as follows:

ALL	All E-LCR feature codes will use this translation. This is the default setting.
E-LCR1	Enter the E-LCR1 FEATURE CODE from MMC 724. This setting makes the digit translation active only for calls that are dialed after the E-LCR1 FEATURE CODE.
E-LCR2	Enter the E-LCR2 FEATURE CODE from MMC 724. This setting makes the digit translation active only for calls that are dialed after the E-LCR2 FEATURE CODE.
E-LCR3	Enter the E-LCR3 FEATURE CODE from MMC 724. This setting makes the digit translation active only for calls that are dialed after the E-LCR3 FEATURE CODE.
E-LCR4	Enter the E-LCR4 FEATURE CODE from MMC 724. This setting makes the digit translation active only for calls that are dialed after the E-LCR4 FEATURE CODE.

## MMC: 763

3. **NEXT ROUTE:** This option determines where the translated OUT DIGIT string should be sent. Valid entries are as follows:

LCR	The OUT DIGIT string will be sent to the system LCR for further routing. This is the default setting.
TRUNK Number	This trunk will be accessed to send the OUT DIGIT string.
TRUNK GROUP Number	A trunk out of this group will be accessed to send the OUT DIGIT string.

In addition to the 198 table entries there are two special entries, 199 and 200. Entry 199 is used to route failed calls and entry 200 is used to route calls with no matching entry. These entries are programmed as follows:

- |                          |  |
|--------------------------|--|
| 199. <b>FAIL ROUTE:</b>  | This option determines where the IN DIGIT string will be sent if the translation routine fails. This can occur if the specified trunk route is busy or out of order. By default this value is set to LCR. Valid entries are the same as the NEXT ROUTE option above. |
| 200. <b>NO MATCH RT:</b> | This option determines where the received digit string will be sent if there are no matching IN DIGIT entries in the table. By default this value is set to LCR. Valid entries are the same as the NEXT ROUTE option above.  |

## OPENING DISPLAY

Press TRANSFER 763.  
Display shows.

**(001) IN DIGIT**

DEFAULT DATA:	USE LCR NUM:	ALL
	NEXT ROUTE:	LCR

**RELATED ITEMS:**

- [MMC 710 LCR DIGIT](#)
- [MMC 712 LCR ROUTE](#)
- [MMC 724 NUMBER PLAN](#)

## MMC: 764

## DISA PASSWORD BYPASS

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to specify certain phone numbers that are able to call in and use DISA trunks without entering a password even if **DISA PSWD** is set to **ON** in [MMC 210](#). Authorization is automatically granted when the system matches the Caller ID number of an incoming call to a number on this list.

The OfficeServ 7400 allows up to 999 numbers to be stored in this list, all other OfficeServ 7000 Series systems allow up to 500 numbers.

### OPENING DISPLAY

Press TRANSFER 764.  
Display shows.

**DISA PASS [001]**  
**CLI :**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:**    [MMC 210 CUSTOMER ON/OFF PER TENANT](#)  
                          [MMC 410 ASSIGN DISA TRUNK](#)

**MMC: 766****STATION KEY NAME****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to set a custom name to one or more programmable feature keys on an SMT-i Series wired IP keyset. These custom names are displayed on the AOM screen of the SMT-i Series phones. Each key can be assigned a name of up to 11 characters. For example, a speed dial key SPD01 can be renamed to "Dad" or "Home". Names are set on a per-key pr-station basis, which means that two keysets with the same button can have different names for it.

**OPENING DISPLAY**

Press TRANSFER 766  
Display shows

**[201] KEY NAME**  
**01:**

**DEFAULT DATA:**      **ALL KEYS ON ALL STATIONS:**      **BLANK**

**RELATED ITEMS:**      [\*\*MMC 722 STATION KEY PROGRAMMING\*\*](#)

## 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. When opened, this MMC enables access to all MMCs.

### OPENING DISPLAY

Press TRANSFER 800.  
Display shows.

**ENABLE TECH.PROG  
PASSCODE :**

**DEFAULT DATA:     DISABLE**

**RELATED ITEMS:     [MMC 801 CHANGE TECHNICIAN PASSCODE](#)**

## **MMC: 801      CHANGE TECHNICIAN PASSCODE**

### **DESCRIPTION:**

Used to change the passcode which allows 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. The current or old passcode is required for this MMC.

### **OPENING DISPLAY**

Press TRANSFER 801.  
Display shows.

**TECH. PASSCODE**  
**NEW CODE : \_**

**DEFAULT DATA:**      **DEFAULT PASSCODE = 4321**

**RELATED ITEMS:**      [MMC 800 ENABLE TECHNICIAN PROGRAM](#)

# MMC: 802 CUSTOMER ACCESS MMC NUMBER

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to give the system administrator access to certain MMCs. For example, it is required that the System Administrator have access to Call Forwarding ([MMC 102](#)) to set call forwarding for stations, but it is not required that the System Administrator have access to LCR Digit Table ([MMC 710](#)) for LCR dial plans. In the OfficeServ 7200 and OfficeServ 7400 systems these permissions are set on a per-tenant basis.

## OPENING DISPLAY

Press TRANSFER 802.  
Display shows.

**CUST.USE MMC :1**  
**100:STN LOCK:YES**  
**OfficeServ 7200 and 7400**

**CUST.USE MMC**  
**100:STN LOCK:YES**  
**OfficeServ 7030, 7100, and 7200-S**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

## MMC: 803

## ASSIGN TENANT GROUP

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to assign specific ports to a tenant group on a per-cabinet, slot and port basis. After choosing a cabinet, slot, and port number assign the tenant group (1 or 2) that port will belong to.

### OPENING DISPLAY

Press TRANSFER 803.  
Display shows.

**TENANT GROUP**  
**C:1 S:01-01 T:1**

**DEFAULT DATA:**    **ALL ASSIGNMENTS TENANT 1**

**RELATED ITEMS:**    **TENANT GROUP**

**MMC: 804****SYSTEM I/O PARAMETER****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	NO
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to configure the internal MODEM's serial (SIO) port, which can be used to connect the Installation Tool remotely through a phone line rather than by internet connection.

OPTION	NAME	VALUE		DESCRIPTION
0	SERVICE		NOT USE	Do not use the MODEM for any service.
			IT	Configure the MODEM to allow the Installation Tool programming application to connect.
1	BAUD	0	4800 BPS	Set the baud rate (connection speed) for connections to the MODEM.
		1	9600 BPS	
		2	19200BPS	
		3	38400BPS	
2	CHAR LENG	7	7 BITS	Set the length of data packets.
		8	8 BITS	
3	PARITY	0	NONE	Set the data parity for packetization.
		1	ODD	
		2	EVEN	
4	RETRY COUNT	-		Set the number of retry attempts (01-99) after a lost packet.
5	STOP BIT	1	1 BIT	Set the number of stop bits at the end

## MMC: 804

OPTION	NAME	VALUE		DESCRIPTION
		2	2 BIT	of a data packet.
6	WAIT	-		Set the wait time (00000-99900 milliseconds) for a connection to be established after answering.
7	DSR CHECK	0	OFF	Disable the Data Set Ready check.
		1	ON	Check the Data Set Ready flag before sending data.

### OPENING DISPLAY

Press TRANSFER 804.  
Display shows.

**SYS I/O PORT (1)**  
**SERVICE:NOT USE**

### DEFAULT DATA:

#### PORT 1:

**SERVICE:** NOT USE  
**BAUD:** 19200BPS  
**CHAR LENG:** 8 BITS  
**PARITY:** NONE  
**RETRY COUNT:** 03  
**STOP BIT:** 1 BIT  
**WAIT:** 03000 MS  
**DSR CHECK:** OFF

**RELATED ITEMS:** NONE

**MMC: 805****LEVEL & GAIN****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:** [This MMC is intended for engineering use only and should not be adjusted unless directed to do so by Samsung Technical Support]

This MMC allows the technician to set various gain and transmission control parameters. This includes gain options for stations and music sources as well as analog Caller ID format definition.

**CAUTION!!** Changing these values may create serious volume and distortion issues and should only be attempted when directed to do so by Samsung Technical Support.

OPTION	NAME	VALUE		DESCRIPTION
0	TX LEVEL CONTROL	0	LEVEL 0	Set the lowest level transmission sensitivity (0-9).
		1	LEVEL 1	Set the second level transmission sensitivity (0-9).
		2	LEVEL 2	Set the third level transmission sensitivity (0-9).
		3	LEVEL 3	Set the fourth level transmission sensitivity (0-9).
		4	LEVEL 4	Set the fifth level transmission sensitivity (0-9).
		5	LEVEL 5	Set the sixth level transmission sensitivity (0-9).
		6	LEVEL 6	Set the seventh level transmission sensitivity (0-9).
		7	LEVEL 7	Set the highest level transmission sensitivity (0-9).
1	MISC TSW GAIN	Set the attenuation (0-7) level for background music or Music-On-Hold sources. Lower values mean less attenuation (higher volume).		
2	TSW GAIN CONTROL	0000	DGP → DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a

**MMC: 805**

			digital keyset.
0001	DGP → SLT		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a Single Line Telephone.
0002	DGP → ATRK		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to an analog trunk.
0003	DGP → DTRK		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a T1/PRI trunk.
0004	DGP → ITP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a wired IP keyset.
0005	DGP → VOIP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a SPNET/SIP/H.323 trunk.
0006	DGP → SVMi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to an embedded SVM/SVMi-20E port.
0007	DGP → WiFi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a wireless IP handset.
0008	DGP → SOFT		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to an OfficeServ Softphone.
0009	DGP → UMS		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to an OfficeServ IP-UMS port.
0010	DGP → SIP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a digital keyset connected to a SIP station.
0100	SLT → DGP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a Single Line Telephone connected to a digital keyset.
0101	SLT → SLT		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a Single Line Telephone connected to a Single Line Telephone.
0102	SLT → ATRK		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a Single Line Telephone connected to an analog trunk.
0103	SLT → DTRK		Set the gain/attenuation (-6.0, -2.5, +0.0,

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				+1.9 dB)for a Single Line Telephone connected to a T1/PRI trunk.
		0104	SLT →ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to a wired IP keyset.
		0105	SLT →VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to a SPNET/SIP/H.323 trunk.
		0106	SLT →SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to an embedded SVM/SVMi-20E port.
		0107	SLT →WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to a wireless IP handset.
		0108	SLT→SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to an OfficeServ Softphone.
		0109	SLT →UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to an OfficeServ IP-UMS port.
		0110	SLT →SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a Single Line Telephone connected to a SIP station.
		0200	ATRK→DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to a digital keyset.
		0201	ATRK→SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to a Single Line Telephone.
		0202	ATRK→ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to an analog trunk.
		0203	ATRK→DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to a T1/PRI trunk.
		0204	ATRK→ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to a wired IP keyset.
		0205	ATRK→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an analog trunk connected to a

## MMC: 805

			SPNET/SIP/H.323 trunk.
0206	ATRK→SVMi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for an analog trunk connected to an embedded SVM/SVMi-20E port.
0207	ATRK→WiFi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for an analog trunk connected to a wireless IP handset.
0208	ATRK→SOFT		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for an analog trunk connected to an OfficeServ Softphone.
0209	ATRK→UMS		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for an analog trunk connected to an OfficeServ IP-UMS port.
0210	ATRK→SIP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for an analog trunk connected to a SIP station.
0300	DTRK→DGP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a digital keyset.
0301	DTRK→SLT		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a Single Line Telephone.
0302	DTRK→ATRK		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to an analog trunk.
0303	DTRK→DTRK		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a T1/PRI trunk.
0304	DTRK→ITP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a wired IP keyset.
0305	DTRK→VOIP		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a SPNET/SIP/H.323 trunk.
0306	DTRK→SVMi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to an embedded SVM/SVMi-20E port.
0307	DTRK→WiFi		Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB) for a T1/PRI trunk connected to a wireless IP handset.
0308	DTRK→SOFT		Set the gain/attenuation (-6.0, -2.5, +0.0,

## MMC: 805

				+1.9 dB)for a T1/PRI trunk connected to an OfficeServ Softphone.
		0309	DTRK→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a T1/PRI trunk connected to an OfficeServ IP-UMS port.
		0310	DTRK→SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a T1/PRI trunk connected to a SIP station.
		0400	ITP →DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a digital keyset.
		0401	ITP →SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a Single Line Telephone.
		0402	ITP →ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to an analog trunk.
		0403	ITP →DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a T1/PRI trunk.
		0404	ITP →ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a wired IP keyset.
		0405	ITP →VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a SPNET/SIP/H.323 trunk.
		0406	ITP →SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to an embedded SVM/SVMi-20E port.
		0407	ITP →WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a wireless IP handset.
		0408	ITP →SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to an OfficeServ Softphone.
		0409	ITP→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to an OfficeServ IP-UMS port.
		0410	ITP →SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wired IP keyset connected to a SIP station.

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		0500	VOIP→DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a digital keyset.
		0501	VOIP→SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a Single Line Telephone.
		0502	VOIP→ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to an analog trunk.
		0503	VOIP→DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a T1/PRI trunk.
		0504	VOIP→ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a wired IP keyset.
		0505	VOIP→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a SPNET/SIP/H.323 trunk.
		0506	VOIP→SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to an embedded SVM/SVMi-20E port.
		0507	VOIP→WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a wireless IP handset.
		0508	VOIP→SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to an OfficeServ Softphone.
		0509	VOIP→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to an OfficeServ IP-UMS port.
		0510	VOIP→SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SPNET/SIP/H.323 trunk connected to a SIP station.
		0600	SVMi→DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a digital keyset.
		0601	SVMi→SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a Single Line Telephone.
		0602	SVMi→ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0,

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				+1.9 dB)for an embedded SVM/SVMi-20E port connected to an analog trunk.
		0603	SVMi→DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a T1/PRI trunk.
		0604	SVMi→ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a wired IP keyset.
		0605	SVMi→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a SPNET/SIP/H.323 trunk.
		0606	SVMi→SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to an embedded SVM/SVMi-20E port.
		0607	SVMi→WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a wireless IP handset.
		0608	SVMi→SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to an OfficeServ Softphone.
		0609	SVMi→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to an OfficeServ IP-UMS port.
		0610	SVMi→SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an embedded SVM/SVMi-20E port connected to a SIP station.
		0700	WiFi→DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a digital keyset.
		0701	WiFi→SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a Single Line Telephone.
		0702	WiFi→ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to an analog trunk.
		0703	WiFi→DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a T1/PRI trunk.
		0704	WiFi→ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected

**MMC: 805**

				to a wired IP keyset.
		0705	WiFi→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a SPNET/SIP/H.323 trunk.
		0706	WiFi→SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to an embedded SVM/SVMi-20E port.
		0707	WiFi→WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a wireless IP handset.
		0708	WiFi→SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to an OfficeServ Softphone.
		0709	WiFi→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to an OfficeServ IP-UMS port.
		0710	WiFi→SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a wireless IP handset connected to a SIP station.
		0800	SOFT→DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a digital keyset.
		0801	SOFT→SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a Single Line Telephone.
		0802	SOFT→ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to an analog trunk.
		0803	SOFT→DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a T1/PRI trunk.
		0804	SOFT→ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a wired IP keyset.
		0805	SOFT→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a SPNET/SIP/H.323 trunk.
		0806	SOFT→SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to an embedded SVM/SVMi-20E port.

**MMC: 805**

		0807	SOFT→WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a wireless IP handset.
		0808	SOFT→SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to an OfficeServ Softphone.
		0809	SOFT→UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to an OfficeServ IP-UMS port.
		0810	SOFT→SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ Softphone connected to a SIP station.
		0900	UMS →DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a digital keyset.
		0901	UMS →SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a Single Line Telephone.
		0902	UMS →ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to an analog trunk.
		0903	UMS →DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a T1/PRI trunk.
		0904	UMS →ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a wired IP keyset.
		0905	UMS→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a SPNET/SIP/H.323 trunk.
		0906	UMS →SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to an embedded SVM/SVMi-20E port.
		0907	UMS →WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a wireless IP handset.
		0908	UMS →SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to an OfficeServ Softphone.
		0909	UMS →UMS	Set the gain/attenuation (-6.0, -2.5, +0.0,

## MMC: 805

				+1.9 dB)for an OfficeServ IP-UMS port connected to an OfficeServ IP-UMS port.
		0910	UMS →SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for an OfficeServ IP-UMS port connected to a SIP station.
		1000	SIP →DGP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a digital keyset.
		1001	SIP →SLT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a Single Line Telephone.
		1002	SIP →ATRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to an analog trunk.
		1003	SIP →DTRK	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a T1/PRI trunk.
		1004	SIP →ITP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a wired IP keyset.
		1005	SIP→VOIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a SPNET/SIP/H.323 trunk.
		1006	SIP →SVMi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to an embedded SVM/SVMi-20E port.
		1007	SIP →WiFi	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a wireless IP handset.
		1008	SIP →SOFT	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to an OfficeServ Softphone.
		1009	SIP →UMS	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to an OfficeServ IP-UMS port.
		1010	SIP →SIP	Set the gain/attenuation (-6.0, -2.5, +0.0, +1.9 dB)for a SIP station connected to a SIP station.
4	CID TYPE/LEVEL	0	TYPE	Set the Caller ID format for analog CO Lines: <b>FSK(ETSI)</b> sets the Caller ID format to European Telecommunications Standards

**MMC: 805**

				Institute format used in Canada and Europe. <b>FSK(BELCOR)</b> sets the Caller ID format to Bellcore standards used in the US.
		1	RX LEVEL	Set the receive gain ( <b>00</b> to <b>20</b> dB) for receiving Caller ID from CO Lines.
		2	TX LEVEL	Set the transmission attenuation ( <b>0</b> to <b>-6</b> dB) when sending Caller ID to the CO Line.
		3	DOWNLOAD	Send changes ( <b>YES</b> ) for <b>TYPE</b> , <b>RX LEVEL</b> , and <b>TX LEVEL</b> to the cabinet processor to be pushed all analog trunk cards.

**OPENING DISPLAY**

Press TRANSFER 805.  
Display shows.

**TX LEVEL CONTROL**  
**LEVEL 0 → 0**

**DEFAULT DATA: TX LEVEL CONTROL:**

**LEVEL 0:** 0  
**LEVEL 1:** 1  
**LEVEL 2:** 2  
**LEVEL 3:** 4  
**LEVEL 4:** 3  
**LEVEL 5:** 5  
**LEVEL 6:** 6  
**LEVEL 7:** 7

**MISC TSW GAIN:**

**BGM/MOH:** 0

**TSW GAIN CONTROL:**

	DGP	SLT	ATRK	DTRK	ITP	VOIP	SVMi	WiFi	SOFT	UMS	SIP
DGP	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0
SLT	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0
ATRK	+0.0	+0.0	-6.0	-6.0	+0.0	+0.0	-6.0	+0.0	+0.0	+1.9	+0.0
DTRK	+0.0	+1.9	+1.9	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0
ITP	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0
VOIP	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+1.9	+0.0	+0.0	+0.0
SVMi	-6.0	-6.0	-6.0	-6.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
WiFi	+0.0	+0.0	-6.0	+0.0	+0.0	+1.9	+0.0	+0.0	+0.0	+0.0	+0.0
SOFT	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0
UMS	+0.0	+0.0	-2.5	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0
SIP	+0.0	+0.0	+0.0	+0.0	+0.0	+0.0	-6.0	+0.0	+0.0	+0.0	+0.0

## MMC: 805

### CID TYPE/LEVEL:

TYPE:	FSK(BELCOR)
RX LEVEL:	10
TX LEVEL:	-6
DOWNLOAD:	NO

**RELATED ITEMS:**    NONE

## MMC: 806

## CARD PRE-INSTALL

### DESCRIPTION:

Allows the preprogramming of a card slot for a specific board type. A board inserted into a OfficeServ 7000 system will not be recognized by the system until it is ENABLED using this MMC. Cards installed using MMC 806 will NOT be assigned in the system numbering plan. You must then use MMC 724 to assign the desired directory numbers to extensions, trunks, ports or miscellaneous functions.

NOTE: If a card is removed and a different type card is inserted and this MMC is performed, the memory associated with that card (i.e. key programming, etc.) will be erased.

### OPENING DISPLAY

Press TRANSFER 806.  
Display shows.

```
C:1 - S:1  
8DLI-> 16DLI
```

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 724 DIAL NUMBERING PLAN](#)

**MMC: 807****VOLUME CONTROL****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:** [This MMC is intended for engineering use only and should not be adjusted unless specifically directed to do so by a Samsung Engineer]

This MMC allows the technician to set various volume control parameters. This includes volume options for digital, wired IP, and wireless IP extensions.

**CAUTION!!** Changing these values may create serious volume and distortion issues and should only be attempted when directed to do so by a Samsung Engineer.

OPTION	NAME	VALUE	DESCRIPTION
00	US24	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
01	EU24	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL

**MMC: 805**

OPTION	NAME	VALUE		DESCRIPTION
		4	NOISE GUARD	
		5	NOISE THRES.	
		6	ALC THRES.	
		7	TX/RX THRES.	
		8	TX/RX COMP.	
		9	MIN RX VOL	
02	KR24	0	KEY TONE VOL	
		1	SIDETONE VOL	
		2	HANDSET TX	
		3	MIC TX LEVEL	
		4	NOISE GUARD	
		5	NOISE THRES.	
		6	ALC THRES.	
		7	TX/RX THRES.	
		8	TX/RX COMP.	
03	KP24	9	MIN RX VOL	
		0	KEY TONE VOL	
		1	SIDETONE VOL	
		2	HANDSET TX	
		3	MIC TX LEVEL	
		4	NOISE GUARD	
		5	NOISE THRES.	
		6	ALC THRES.	
		7	TX/RX THRES.	
04	KP20	8	TX/RX COMP.	
		9	MIN RX VOL	
		0	KEY TONE VOL	
		1	SIDETONE VOL	
		2	HANDSET TX	
		3	MIC TX LEVEL	
		4	NOISE GUARD	
		5	NOISE THRES.	
		6	ALC THRES.	
		7	TX/RX THRES.	

## MMC: 805

OPTION	NAME	VALUE	DESCRIPTION
		8	TX/RX COMP.
		9	MIN RX VOL
05	7B	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
06	6B	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
07	EKTS	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
08	AOM	0	KEY TONE VOL
		1	SIDETONE VOL

**MMC: 805**

OPTION	NAME	VALUE	DESCRIPTION
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
09	DOR	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
10	28D	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
11	12L	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.

## MMC: 805

OPTION	NAME	VALUE	DESCRIPTION
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
12	21D	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
13	ITP	0	KEY TONE VOL
		1	SIDETONE VOL
		2	HANDSET TX
		3	MIC TX LEVEL
		4	NOISE GUARD
		5	NOISE THRES.
		6	ALC THRES.
		7	TX/RX THRES.
		8	TX/RX COMP.
		9	MIN RX VOL
14	FX	0	LINE VOLUME
		1	SPKER VOLUME
		2	NOR.LP ATTEN
		3	MIC LP ATTEN
		4	ACOU DECOUPL
		5	ELEC DECOUPL
		6	T/R RATIO
		7	R/T RATIO
15	WIP	01	SIDETONE VOL
		02	HANDSET TX

**MMC: 805**

OPTION	NAME	VALUE	DESCRIPTION
		03	MIC TX LEVEL
		10	HEADSET TX

**OPENING DISPLAY**

Press TRANSFER 807.  
Display shows.

**VOL. CONTROL: US24**  
**KEY TONE VOL: 1**

**DEFAULT DATA:**

	US24	EU24	KR24	KP24	KP20	7B	6B	EKTS	AOM	DOR
KEY TONE VOL	1	1	1	1	1	1	1	1	1	1
SIDETONE VOL	1	1	1	1	1	1	1	1	1	1
HANDSET TX	3	3	3	3	3	3	3	3	3	3
MIC TX LEVEL	3	3	3	3	3	3	3	3	3	3
NOISE GUARD	8	8	8	8	8	8	8	8	8	8
NOISE THRES.	1	1	1	1	1	1	1	1	1	1
ALC THRES.	7	7	7	7	7	7	7	7	7	7
TX/RX THRES.	3	3	3	3	3	3	3	3	3	3
TX/RX COMP.	5	5	5	5	5	5	5	5	5	5
MIN RX VOL	7	7	7	7	7	7	7	7	7	7

	28D	12L	21D	ITP
KEY TONE VOL	1	1	1	1
SIDETONE VOL	1	1	1	4
HANDSET TX	2	2	2	6
MIC TX LEVEL	3	3	3	3
NOISE GUARD	8	8	8	8
NOISE THRES.	1	1	1	1
ALC THRES.	7	7	7	7
TX/RX THRES.	3	3	3	3
TX/RX COMP.	5	5	5	5
MIN RX VOL	7	7	7	7

	FX
LINE VOLUME	3
SPKER VOLUME	14
NO.LP ATTEN	4
MIC LP ATTEN	4
ACOU DECOUPL	8
ELEC DECOUPL	8
T/R RATIO	2
R/T RATIO	2

	WIP
SIDETONE VOL	1
HANDSET TX	5
MIC TX LEVEL	5
HEADSET TX	5

**RELATED ITEMS: NONE**

## T1 PARAMETERS

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

This MMC allows the technician to format the data communications used for T1 trunk spans on a per-span basis.

OPTION	NAME	VALUE		DESCRIPTION
0	CODING	0	AMI	Set the trunk to use Alternate Mark Inversion (AMI) encoding.
		1	B8ZS	Set the trunk to use Binary 8 Zero Substitution (B8ZS) encoding.
1	SIGNAL	0	SF	Use Superframe signaling.
		1	ESF	Use Extended Superframe signaling.

Press TRANSFER 808.  
Display shows.

[701] T1 PARA  
CODING: AMI

**DEFAULT DATA:**    **ALL TRUNKS:**    **CODING:**    **AMI**  
**SIGNAL:**    **SF**

**RELATED ITEMS:** [MMC 411 T1 SIGNALING](#)

## MMC: 810

## HALT PROCESSING

### DESCRIPTION:

Used only in the event that all data processing needs to be stopped either in a single cabinet, slot or in the entire system.

### OPENING DISPLAY

Press TRANSFER 810.  
Display shows.

**HALT/PROCESSING**  
**C:ALL S:ALL→ PROC**

**DEFAULT DATA: NONE**

**RELATED ITEMS: NONE**

## MMC: 811

## RESET SYSTEM

### DESCRIPTION:

Provides three methods of restarting the system. The first method restarts the system and clears all memory. The second method restarts the system only. The third method restarts the system but does not reload the software from the Smart Media card. 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 the system returns to defaulted status. When memory is cleared, MMC 830 IP address information is still retained. [IMPORTANT: See Section 1.4 DEFAULTING THE SYSTEM.](#)

### OPENING DISPLAY

Press TRANSFER 811.  
Display shows.

**SYSTEM RESTART**  
**RESET SYSTEM?NO**

**DEFAULT DATA:     NONE**

**RELATED ITEMS:     NONE**

## MMC: 812

## SET COUNTRY

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to configure the country of operation for the system. This setting is primarily used to set tones and cadences for various system options like system dial tone.

**NOTE:** The system must be restarted after making changes in this MMC.

### OPENING DISPLAY

Press TRANSFER 812.  
Display shows.

**SELECT COUNTRY**  
**U.S.A**

**DEFAULT DATA:** U.S.A.

**RELATED ITEMS:** [MMC 811 RESTART SYSTEM](#)

## MMC: 813

## USE HOTEL MODE

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to enable the Hotel/Motel feature. When enabled all associated Hotel/Motel MMCs required to support this application can be viewed and programmed by the installer.

### OPENING DISPLAY

Press TRANSFER 813.  
Display shows.

**HOTEL OPERATION**  
**DISABLE**

**DEFAULT DATA:     DISABLE**

**RELATED ITEMS:     MMCs related to Hotel/Motel Feature**

## MMC: 815

## CUSTOMER DATABASE COPY

### DESCRIPTION:

Provides a means to copy the customer database to the SMDB (OfficeServ 7000 Series Smart Media card Data Base). This enables the on board database (DRAM) to be copied to the SMDB and also allows the SMDB database to be copied to the on board database. A daily save can be programmed to automatically save the on board data base to the SMDB. This ensures that an up to date database is always available in the case of a catastrophic failure. A daily save time of 00:00 means there is no save performed. It is recommended to CLEAR the SMDB before the DRAM is copied to it. When the DRAM is copied to the SMDB there is no interruption in service. If the SMDB is copied to the DRAM the system will reset to accept the new data. [IMPORTANT: See Section 1.3 SYSTEM MEMORY MANAGEMENT for details.](#)

### DATABASE IDENTIFICATION

SMDB	OfficeServ 7000 Series Smart Media card database
DRAM	OfficeServ 7000 Series MCP On-Board database
S:mm/dd/yy hh:mm	Indicates the time the database was saved to the SMDB or the time the DRAM was last saved
DAILY SAVE hh:mm	The time the DRAM will be saved to the SMDB

### OPENING DISPLAY

Press TRANSFER 815.  
Display shows.

**CUST DBASE: SMDB**  
**S:03/12/99 00:00**

**DEFAULT DATA:**     **DAILY SAVE 00:00 (no daily save)**

**RELATED ITEMS:**     [MMC 819 DISPLAY SMARTMEDIA DATA](#)

**MMC: 816****CONFERENCE GAIN****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:** [This MMC is intended for engineering use only and should not be adjusted unless directed to do so by Samsung Technical Support]

This MMC allows the technician to adjust the gain or loss of stations and trunks in a 5 party add-on conference. This is made available to allow for the adjustment of conferences due to permanent unsatisfactory CO Line conditions that may inhibit a satisfactory conference. Programming adjustments can be made on individual conference analog trunk members.

**CAUTION!!** Changing these values may create conference issues and should only be attempted when directed to do so by Samsung Technical Support.

OPTION	DESCRIPTION
MEMBER	Adjust settings for conferences with the specified amount of members.
A-TRK	Set gain levels for the specified trunk member.
CNF	Set the gain level for the conference talking to the trunk.
SW	Set the gain level for the trunk talking to the conference.

**OPENING DISPLAY**

Press TRANSFER 816.  
Display shows.

**CONFERENCE GAIN**  
**USE DEFAULT :YES**

# MMC:816

**DEFAULT DATA:**

<b>3 party conference:</b>	<b>MEMBER: 3</b>	<b>A-TRK: 0</b>
	<b>CNF: -2.5</b>	<b>SW:- 0.0</b>
	<b>MEMBER: 3</b>	<b>A-TRK: 1</b>
	<b>CNF: -2.5</b>	<b>SW:-0.0</b>
	<b>MEMBER: 3</b>	<b>A-TRK: 2</b>
	<b>CNF: -2.5</b>	<b>SW:- 2.5</b>

**4 party conference: MEMBER: 4 A-TRK: 0**  
**CNF: -6.0 SW: -0.0**  
**MEMBER: 4 A-TRK: 1**  
**CNF: -6.0 SW: -0.0**  
**MEMBER: 4 A-TRK: 2**  
**CNF: -6.0 SW: -2.5**  
**MEMBER: 4 A-TRK: 3**  
**CNF: -6.0 SW: -6.0**

**5 party conference: MEMBER: 5 A-TRK: 0**  
**CNF: -6.0 SW: -0.0**  
**MEMBER: 5 A-TRK: 1**  
**CNF: -6.0 SW: -0.0**  
**MEMBER: 5 A-TRK: 2**  
**CNF: -6.0 SW: -2.5**  
**MEMBER: 5 A-TRK: 3**  
**CNF: -6.0 SW:- 6.0**  
**MEMBER: 5 A-TRK: 4**  
**CNF: -6.0 SW:- 6.0**

**MMC: 817****STOP MEMORY****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	NO
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	NO
	MP20	NO
OfficeServ 7400	MP40	NO

**DESCRIPTION:**

This MMC allows the technician to properly unmount the system media card to prepare for removal (*OfficeServ 7100 and OfficeServ 7200-S only*) and/or properly shuts the system down in preparation for a power down or reset.

OPTION	NAME	DESCRIPTION
0	STOP MEDIA	Unmount the media card file system ( <b>YES</b> ) and prepare for removal.
1	STOP MEMORY	Shut down the system ( <b>YES</b> ) and prepare for power shutoff.

**OPENING DISPLAY**

Press TRANSFER 817.  
Display shows.

**STOP MEMORY**  
**STOP MEDIA ? NO**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    **NONE**

## MMC: 818

## PROGRAM DOWNLOAD

### DESCRIPTION:

Provides a means to upgrade system hardware from the SmartMedia Card. In this way hardware can be upgraded with a minimum of system interruption. The upgraded software is loaded into the various system PCB's, directly from the SmartMedia card.

#### NOTES:

1. Updating the MCP card will cause the system to reset.
2. Updating LP40 cards will affect only the cabinet that the card resides on.
3. Updating PRI cards will only affect those particular cards.

### OPENING DISPLAY

Press TRANSFER 818.  
Display shows.

**PGM DOWNLOAD**  
**PLEASE WAIT...**

**DEFAULT DATA:**     **CONTENTS OF SMARTMEDIA CARD**

**RELATED ITEMS:**     [MMC 727 SYSTEM VERSION](#)

# MMC: 819 SMART MEDIA FILE CONTROL

## DESCRIPTION:

This program displays the name and size of the files saved on the SmartMedia card. Use this to verify files and their size. Files that are no longer necessary can be deleted to make space for new files.

MPEXXXXX.PGM	Program for the MP40 board. SmartMedia shall have one or more MCP programs since there are no MCP programs on the MCP board.
LP40XXXXX.PGM	LCP Program. LCP program is already installed in the LCP card. The programs in SmartMedia are used for S/W version upgrade.
PRI_VXXX.PGM	TEPRI program. TEPRI program is already installed in the card. The TEPRI program in SmartMedia is used for S/W version upgrade.
DATABASE.ENT	This database file is created in SmartMedia when the DB is copied to SMDB in MMC 815. This file is created only when the SMDB is created in MMC 815.

## OPENING DISPLAY

Press TRANSFER 819.  
Display shows.

**MPE04131.PGM**  
**sz:7307776 byte**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

# MMC: 820

# ASSIGN SYSTEM LINK ID

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.40 or Higher]

This MMC allows the technician to configure various SPNet networking options. For Q-SIG PRI networking this MMC's only purpose is to set local and remote system link IDs used to properly communicate between nodes. In the case of IP networking this MMC is also used to set the remote system IP addresses, audio CODEC's, and associated node names.

OPTION	NAME	VALUE	DESCRIPTION
00	SELF	LINK ID	Set the unique network node identifier for the system.
		SIGNAL G/W	Show the IP address of the system processor card. <i>This is a read only field. The system IP address is set in <a href="#">MMC 830</a>.</i>
01	SYS01	LINK ID	Set the unique network node identifier for the first remote system.
		SIGNAL G/W	Set the IP address of the first remote system.
		TIME SYNC	Sync ( <b>ON</b> ) or do not sync ( <b>OFF</b> ) the local system clock set in <a href="#">MMC 505</a> to the first remote system clock.
		NODE NAME	Set a reference name of up to 16 characters for the first remote system.
		NO MGI	When establishing a call with the first remote system use MPS channels ( <b>ON</b> ) or MGI channels ( <b>OFF</b> ). <i>This option is only available if <b>MPS SERVICE</b> is set to <b>ON</b> in <a href="#">MMC 861</a>. This option is not available on an OfficeServ 7200 system using an MCP processor card.</i>

**MMC: 820**

OPTION	NAME	VALUE	DESCRIPTION
		CODEC	Set the audio codec used when communicating with the first remote system. <b>G729a</b> uses the lower bandwidth, lower quality G.729a CODEC. <b>G711u-law</b> uses the higher bandwidth, higher quality G.711 CODEC formatted for North American communications. <b>G711a-law</b> uses the higher bandwidth, higher quality G.711 CODEC formatted for international communications.
02-99	SYS02-SYS99	See <b>SYS01</b>	

**OPENING DISPLAY**

Press TRANSFER 820.  
Display shows.

**SELF: LINK ID**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [\*\*MMC 830 ETHERNET PARAMETERS\*\*](#)

**MMC: 821****Q-SIG TRUNK****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to configure ISDN PRI spans to use QSIG signaling on a per-span basis. This allows PRI spans to be used for networking between locations. This MMC will only display the first trunk in the span, but will set signaling for the entire span.

OPTION	NAME	DESCRIPTION
0	NORMAL TRUNK	Use the span for normal CO Line operation.
1	QSIG TRUNK	Use the span for Q-SIG networking between Samsung OfficeServ systems.
2	QSIG BASIC 1	Use the span for Q-SIG networking to other manufacturer systems. Use only basic calling services.
3	QSIG BASIC 2	Use the span for Q-SIG networking to other manufacturer systems. Use basic calling services along with caller ID name delivery.

**OPENING DISPLAY**

Press TRANSFER 821.  
Display shows.

**[701] Q-SIG TRK**  
**NORMAL TRUNK**

**DEFAULT DATA:**     **ALL SPANS: NORMAL TRUNK**

**RELATED ITEMS:**     [MMC 823 NETWORK COS](#)  
                              [MMC 824 NETWORK DIALING](#)  
                              [MMC 825 NETWORK OPTIONS](#)

## MMC: 822

## VIRTUAL STATION TYPE

### DESCRIPTION:

This MMC determines the type of telephone, SLT or keyset model, that a virtual port will emulate. The virtual ports can be set to emulate SLT ports, DCS sets, iDCS sets, DS sets or ITP sets. The ports cannot be made to emulate AOMs or 64 button modules.

### OPENING DISPLAY

Press TRANSFER 822.  
Display shows.

[ 3501 ] PORT TYPE  
SLT

**DEFAULT DATA:**    3501 to 3522    Default to SLT  
                         3401 to 3440    Default to 28 Button Keypad

**Note:** References to 6B, 38B, 14B and Large Set are for Korean Domestic market only.

**RELATED ITEMS:**    [MMC 857 VIRTUAL CABINETS](#)

## MMC: 823

## NETWORK COS

### DESCRIPTION:

This MMC is used to create new networking COS or change the default values of an existing COS. This allows for multiple, different COS to be used. There are 30 network classes of service available. These classes of service follow the COS assignments in MMC 301.

### OPENING DISPLAY

Press TRANSFER 823.  
Display shows.

**NETWORK COS (01)**  
**01: CALL OFFER: Y**

These are the selectable options:

**01 – CALL OFFER:** Enables a call to be offered to a busy called user and to wait for that called user to accept the call, after the necessary resources have become available. The busy called user is given an indication of the offered call. During the time that the call is offered, the called user may ignore the offered call or may attempt to make the necessary resources available (e.g. by releasing or placing on hold another call). When and if the necessary resources become available, the call shall be completed as a normal incoming call.

**04 – CC SIG CONN:** There are two ways in which Callback features controls signaling connections:

YES = connection retention method – the signaling connection is maintained until completion or cancellation.

N) = connection release method – the signaling connection is cleared after each phase of call independent signaling and a new signaling connection is established for each subsequent phase of call independent signaling.

**05 – CC SVC RETN:** There are two possible behaviors when User B is found to be busy again after User A responds to callback recall:

YES = service retention method – the CC Request remains in force at the Originating and Terminating nodes and the Terminating node commences the monitoring of User B again;

## MMC: 823

NO - service cancellation method – the Callback Request is cancelled at the Originating and Terminating nodes.

**06 – CCBS:** Completion of Calls to Busy Subscribers. This enables the Call Back feature over the network. YES – Callback enabled and NO = Callback disables. *Not available on QSIG over PRI networking.*

**07 – CCNR:** Completion of Calls on No Reply is a supplementary service which is offered to a calling User A. On encountering a called User B which does not answer, it allows User A to request that the PISN monitors User B and notifies User A when User B becomes free after a subsequent period of activity. On response by User A to that notification the PISN shall attempt to complete the call to User B.

**08 – CFB:** Call Forward Busy (CFB) enables a served user to have the node redirect to another user calls which are addressed to the served user's PISN number and meet busy. SS-CFB may operate on all calls or just those associated with specified basic services. The served user's ability to originate calls is unaffected by SS-CFB.

**09 – CFNR:** Call Forward No Reply (CFNR) enables a served user to have the PISN redirect to another user calls which are addressed to the served user's PISN number and for which the connection is not established within a predefined period of time. The served user's ability to originate calls is unaffected by CFNR.

**10 – CFU:** Call Forward Unconditional (CFU) enables a served user to have the node redirect to another user calls which are addressed to the served user's node number. CFU may operate on all calls or just those associated with specified basic services. The served user's ability to originate calls is unaffected by CFU. After CFU has been activated calls are forwarded independently of the status of the served user.

**11 – CI:** Call Intrusion (CI) is a supplementary service which, on request from the served user, enables the served user to establish communication with a busy called user (user B) by breaking into an established call between user B and a third user (user C). On successful intrusion, user C is either connected in a conference type connection with the served user and user B or disconnected from user B (isolated).

**12 - CI CAPABIL:** Intrusion Capability Level (1 ~ 3): An intrusion request is only accepted if the served user has a higher Call Intrusion Capability Level (CICL) than the Call Intrusion Protection Level (CIPL) of both user B and user C.

**14 – CI PROTECT:** Intrusion Protection Level (0 ~ 3) Refer to the above 12.

**23 – CONP LEVEL:** The calling user can be provided with the name identification information according to the CONP level, CONP Level (0 ~ 3).

## MMC: 823

**26 – CT RE-ROUTE:** Transfer By Rerouting (CT) is a supplementary service which enables a served user (User A) to transform two of that users calls into a new call between the other two users of the two calls (User B and User C). Each call can either be an incoming call to User A or an outgoing call from User A. After successful invocation of CT, User B and User C will no longer be able to communicate with User A.

**27 – DND TONE:** DND Announcement. As an implementation option, it may be possible for the served user to select a tone or announcement to be given to the calling user on invocation of DND.

**28 – DNDO:** Do Not Disturb Override (DNDO) is a supplementary service which enables a calling user to override DND at a called user, allowing the call to proceed as if the called user had not activated DND.

**29 – DNDO CAPABL:** DNDO Capability Level (0 ~ 3) The subscription parameter “DNDO Capability Level” (DNDOCL) shall be provided. The DNDOCL has a value in the range 1 (lowest capability) to 3 (highest capability). At least one of the DNDOCL values shall be offered.

**30 – DNDO PROTEC:** If DNDO Protection Level (1 ~ 3) is implemented then the subscription parameter “DND protection level” (DNDPL) shall be provided. The DNDPL has a value in the range 0 to 3 where 0 means no protection against DNDO and 3 means total protection against DNDO. The values 0 and 3 shall be offered. The values 1 and 2 may, as an implementation option, be offered.

**31 - PAGE.:** This feature allows station users in one node to initiate network pages to other page zones to different nodes in the network.

**32 - PATH REPL.:** Path Replacement (PR) is invoked by an ANF-PR user for an established call, allowing that call's connection through the network to be replaced by a new connection. The direction of the new connection may be decided by the PR user. If the new connection is required to satisfy certain criteria, PR should be used in conjunction with other supplementary services.

**33 - PATH RETEN:** Path Retention -the retention of the network connection between the Originating and Terminating nodes so that a supplementary service (such as DNDO) can be invoked without establishing a new connection.

## MMC: 823

<b>DEFAULT DATA:</b>	<b>01: CALLER OFFER:</b>	<b>Y</b>
	<b>03: NOT USED</b>	
	<b>04: CC SIG CONN:</b>	<b>Y</b>
	<b>05: CC SVC RETN:</b>	<b>Y</b>
	<b>06: CCBS:</b>	<b>N</b>
	<b>07: CCNR:</b>	<b>N</b>
	<b>08: CFB:</b>	<b>Y</b>
	<b>09: CFNR:</b>	<b>Y</b>
	<b>10: CFU:</b>	<b>Y</b>
	<b>11: CI:</b>	<b>N</b>
	<b>12: CI CAPABIL:</b>	<b>2</b>
	<b>14: CI PROTECT:</b>	<b>2</b>
	<b>15: NOT USED</b>	
	<b>16: NOT USED</b>	
	<b>17: NOT USED</b>	
	<b>18: NOT USED</b>	
	<b>19: NOT USED</b>	
	<b>20: NOT USED</b>	
	<b>21: NOT USED</b>	
	<b>22: NOT USED</b>	
	<b>23: CONP LEVEL:</b>	<b>3</b>
	<b>24: NOT USED</b>	
	<b>25: NOT USED</b>	
	<b>26: CT RE-ROUTE:</b>	<b>N</b>
	<b>27: DND TONE:</b>	<b>N</b>
	<b>28: DNDO:</b>	<b>Y</b>
	<b>29: DNDO CAPABL:</b>	<b>2</b>
	<b>30: DNDO PROTEC:</b>	<b>2</b>
	<b>31: PAGE:</b>	<b>Y</b>
	<b>32: PATH REPL.:</b>	<b>Y</b>
	<b>33: PATH RETN:</b>	<b>N</b>

**RELATED ITEMS:**    [MMC 821 Q-SIG TRUNK](#)  
                          [MMC 824 NETWORK DIALING](#)  
                          [MMC 825 NETWORK OPTIONS](#)

## MMC: 824

## NETWORK DIAL PLAN

### DESCRIPTION:

This MMC is the translation table that defines the extension dialing plan for the networked systems.

PROGRAMMED FIELD DESCRIPTIONS: PP:NONE → DDDD  
SZ:X MAX:XX MB:XX

PP	Dial Plan Number (01-96).
DDDD	Link ID and leading digits for the extension numbers in that switch (8 characters maximum).
SZ	Number of digits in extension number (0-9).
MAX	Number of digits total (1-20) for ID number and extension number.
MB	Create mailbox for this extension range in this switch (Y/N).

### OPENING DISPLAY

Press TRANSFER 824.  
Display shows.

**01 : NONE→**  
**SZ:0 MAX:00 MB:N**

**DEFAULT DATA:** NONE  
SZ: 0  
MAX: 00  
MB: N

**RELATED ITEMS:** [MMC 710 LCR DIGIT TABLE](#)  
[MMC 724 DIAL NUMBERING PLAN](#)  
[MMC 820 ASSIGN SYSTEM LINK ID](#)  
[MMC 825 NETWORK OPTIONS](#)

**Note:** You must have an entry in MMC 724 under Network LCR Num Plan for it to appear in this MMC.

# MMC: 825

# NETWORK OPTIONS

## DESCRIPTION:

When you have networked switches, this MMC is used to set the network related options for Caller ID and Voice Mail.

These are the options:

0	ADD NUMBER TO NAME	Assign to include the extension number in the name field of Q-SIG standard message.
1	USE REMOTE VM	Assign to use SVM on remote system.
2	REMOTE VM NUMBER	Assign to access number of remote SVMi when Remote VM is used.
3	REMOTE CID NUMB	Assign to use delete node number when CID number send to SVMi.
4	USE REMOTE ATTN	Assign to use Attendant on remote system.
5	REMOTE ATTN NUMB	Assign to access number of remote attendant when the remote attendant is used (one access number per ring plan).
6	SPNET SEND DIGITS	<p>When IP networking systems, this option determines the method used for sending digits between nodes.</p> <ul style="list-style-type: none"><li>• MGI Signalling: follows the "DTMF TYPE" setting in MMC 835 (inband or out of band) for signaling between nodes.</li><li>• MCP Signalling: MCP sends IPC messages to MCPs in other network nodes over IP with digit information. MGI is not involved. This does <u>not</u> apply to analog devices sending digits across the network (i.e. SLT)</li></ul>

## OPENING DISPLAY

Press TRANSFER 825.  
Display shows.

**NAME: NUMB APPEND  
YES**

## MMC: 825

**DEFAULT DATA:**     **ADD NUMB TO NAME: YES**  
                          **USE REMOTE VM: NO**  
                          **REMOTE VM NUMBER: NONE**  
                          **REMOTE CID NUMB: YES**  
                          **REMOTE ATTN NUMB: NONE**  
                          **SPNET DIGIT SEND: MGI SIGNALLING**

**RELATED ITEMS:**    [MMC 724 DIAL NUMBERING PLAN](#)  
                          [MMC 821 Q-SIG TRUNK](#)  
                          [MMC 823 NETWORK DIALING](#)  
                          [MMC 824 NETWORK DIAL PLAN](#)  
                          [MMC 835 MGI DSP OPTIONS](#)

## MMC: 826

## CLOCK SOURCE

### DESCRIPTION:

This MMC determines which span the system will take its clocking from. Priority 1 is the first choice. Assign this to the cabinet and slot you want to clock to first. Then if this span is down decide which other span will be the second priority and so on.

### OPENING DISPLAY

Press TRANSFER 826.  
Display shows.

**REFERENCE CLOCK**  
**PRIORITY 1: C1-S1**

**DEFAULT DATA:**     **PRIORITY 1: C1-S1**

**RELATED ITEMS:**     **CLK LED ON DTPRI CARDS**

**MMC: 827****CRM DSP MODE SELECT****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to set the DSP mode for each CRM daughter-board in the system. Each CRM has 2 DSP's at 8 channels per DSP.

OPTION	NAME	DESCRIPTION
0	R2MFC	Assign the DSP to watch for R2 signalling on analog trunks.
1	CID	Assign the DSP to receive Caller ID information from analog trunks.
2	DTMFR	Assign the DSP to listen for DTMF from Single Line Telephone ports.

**NOTE:** If no CRM's are installed in the system this MMC will display "**NO CRM**".

**OPENING DISPLAY****OfficeServ 7200**

Press TRANSFER 827.  
Display shows.

**CRM DSP MODE SET**  
**C1-B1 : CID**

**OfficeServ 7400**

Press TRANSFER 827.  
Display shows.

**C:1-LOC:1-DSP:1**  
**CID ~CID**

---

**MMC: 827**

**DEFAULT DATA:**    **ALL DSP'S:**    **CID**

**RELATED ITEMS:**    **NONE**

**MMC: 829****LAN PRINTER PARAMETER****DESCRIPTION:**

This MMC is used to configure built-in system reporting options that can be sent to a LAN printer or to a PC.

OPTION	NAME	VALUE	DESCRIPTION
00	DATA TYPE	01	SMDR Configure options for sending Station Message Data Records (SMDR) to a LAN device.
		02	UCD REPORT Configure options for sending UCD data reports to a LAN device.
		03	TRAFFIC REPORT Configure options for sending system traffic reports to a LAN device.
		04	ALARM REPORT Configure options for sending alarm data to a LAN device.
		06	PERIODIC UCD Configure options for sending Periodic UCD reports to a LAN device.
		07	HOTEL REPORT <i>This option is only available on OfficeServ 7200 and OfficeServ 7400 systems.</i> Configure options for sending Hotel/Motel reports to a LAN device.
		08	PMS <i>This option is only available on OfficeServ 7200 and OfficeServ 7400 systems.</i> Configure options for sending Property Management System data to a LAN device.
01	CURR STATUS	Show the connected status of the LAN device (PC or printer) that is currently configured.	
02	EMPTY BUFF	Immediately flush ( <b>YES</b> ) the data buffer. In the case of sending data to the PC this will send the data immediately. In the case of sending data to a LAN printer this will generate a new page and send it to the printer.	
03	UPDATE LAN	Restart this data stream ( <b>YES</b> ) to update the system with any recent changes to this data type.	
04	DESTINATION	0	OFF Disable this data type from being sent to a LAN device.
		1	PRINTER Send this data type to a LAN printer.
		2	PC Allow a PC running a terminal emulator to connect to the system on the <b>LAN TCP</b> port.

## MMC: 829

OPTION	NAME	VALUE		DESCRIPTION
		3	BOTH	Send this data type to a LAN printer as well as allowing a PC running a terminal emulator to connect to the system on the <b>LAN TCP</b> port
05	PRINTER IP	Set the IP address of the LAN printer to send this data type to.		
06	PRINTER TCP	Set the TCP/IP port ( <b>08000-65535</b> ) to use when sending data to a LAN printer.		
07	LAN TCP	Set the TCP/IP port ( <b>08000-65535</b> ) that a PC terminal emulator will use to connect to the system to collect this data type.		
08	RETRY COUNT	Set the number of retries ( <b>00-10</b> ) to attempt when an attempt to send data to a LAN printer fails.		
09	RETRY WAIT	Set the wait time ( <b>005-250</b> seconds) to wait between retries when an attempt to send data to a LAN printer fails.		
10	PJL ENABLE	Enable ( <b>TRUE</b> ) or disable ( <b>FALSE</b> ) the Printer Job Language used to buffer print jobs to HP® or HP-compatible printers when sending data to a LAN printer.		
11	LANGUAGE	Set the printer language when sending data to a LAN printer: <b>RAW</b> sends raw ASCII data to the printer. <b>PCL</b> uses the Printer Command Language standard to most inkjet and laser printers. <b>PS</b> uses the Adobe® PostScript® language used primarily in desktop publishing.		
12	PAPER SIZE	Set the page size ( <b>A4, LETTER</b> ) when sending data to a LAN printer.		
13	FONT TYPE	Set the font ( <b>COURIER</b> or <b>TIMES NEW ROMAN</b> ) for the page when sending data to a LAN printer.		
14	DUPLEX ENAB	Enable ( <b>TRUE</b> ) or disable ( <b>FALSE</b> ) duplex printing when sending data to a LAN printer.		
15	ORIENTATION	Set the orientation ( <b>PORTRAIT, LANDSCAPE</b> ) of the page when sending data to a LAN printer.		
16	PRINT TRAY	Set the printer tray ( <b>DEFAULT, TRAY 1, TRAY 2, MANUAL</b> ) to print to when sending data to a LAN printer.		
17	RESOLUTION	Set the resolution ( <b>300</b> or <b>600</b> dpi) of the printout when sending data to a LAN printer		
18	LINE/PAGE	Set the lines per page ( <b>01-99</b> ) when sending data to a LAN printer.		

## OPENING DISPLAY

Press TRANSFER 829.  
Display shows.

[01] DATA TYPE  
SMDR

## MMC: 829

**DEFAULT DATA:**    **ALL DATA TYPES:**

<b>CURR STATUS:</b>	<b>OFF</b>
<b>EMPTY BUFF:</b>	<b>NO</b>
<b>UPDATE LAN:</b>	<b>NO</b>
<b>DESTINATION:</b>	<b>OFF</b>
<b>PRINTER IP:</b>	<b>0.0.0.0</b>
<b>PRINTER TCP:</b>	<b>09100</b>
<b>LAN TCP:</b>	<b>10020</b>
<b>RETRY COUNT:</b>	<b>03</b>
<b>RETRY WAIT:</b>	<b>010 SEC</b>
<b>PJL ENABLE:</b>	<b>FALSE</b>
<b>LANGUAGE:</b>	<b>RAW</b>
<b>PAPER SIZE:</b>	<b>LETTER</b>
<b>FONT TYPE:</b>	<b>COURIER</b>
<b>DUPLEX ENAB:</b>	<b>FALSE</b>
<b>ORIENTATION:</b>	<b>PORTRAIT</b>
<b>PRINT TRAY:</b>	<b>DEFAULT</b>
<b>RESOLUTION:</b>	<b>300</b>
<b>LINE/PAGE:</b>	<b>60</b>

**RELATED ITEMS:**    [MMC 219 TRAFFIC REPORT PRINTOUT](#)  
                          [MMC 607 UCD OPTIONS](#)

**MMC: 830****ETHERNET PARAMETERS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to set options relating to system IP services such as processor card IP addressing and applications server addressing.

**NOTE:** The **SYSTEM IP ADDR**, **SYSTEM GATEWAY**, and **SYSTEM NET MASK** fields are stored separately from normal system database memory. These values cannot be restored to factory default through any system reset or through the use of the **CLEAR MEMORY** function of [MMC 811](#).

The following options can be configured for each MGI-capable card in the system. Although only the first port of each card is displayed, settings take effect on the entire card.

OPTION	NAME	VALUE		DESCRIPTION
00	SYSTEM IP ADDR	Set the IP address for the processor card.		
01	SYSTEM GATEWAY	Set the gateway IP address for the processor card.		
02	SYSTEM NET MASK	Set the subnet mask for the processor card.		
03	SYSTEM RESET	Reset ( <b>YES</b> ) the processor card to apply IP addressing scheme changes. <b>THIS WILL CAUSE A SYSTEM REBOOT.</b>		
04	SYS IP TYPE	0	PRIVATE IP ONLY	The system communicates directly with all network devices; there is no router involved.
		1	PRIVATE w PUBLIC	The system is located behind a NAT router and will communicate with devices on both sides of the router.

## MMC: 830

OPTION	NAME	VALUE	DESCRIPTION
05	SYS PUBLIC IP1	Set the public IP address (WAN address) of the first NAT router connected to the system.	
07	SYS PUBLIC IP2	Set the public IP address (WAN address) of the second NAT router connected to the system.	
08	SYS PUBLIC IP3	Set the public IP address (WAN address) of the third NAT router connected to the system.	
10	SYSTEM MAC ADDR	Show the MAC address of the processor card. <i>This field is read only.</i>	
11	SYSTEM IP VERS	Set the IP version ( <b>IPV4</b> or <b>IPV6</b> ) to be used for <b>SYSTEM IP ADDR</b> .	
15	DATA SERVER IP <i>This option is available in the OfficeServ 7200 only.</i>	Set the IP address of the WIM module the system is connected to.	
16	IP-UMS SERVER <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>	Set the IP address of the server the OfficeServ IP-UMS is running on.	
17	IP-UMS PORT <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>	Set the TCP/IP port used to communicate with the OfficeServ IP-UMS server.	
18	IP-IVR SERVER <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>	Set the IP address of the server the OfficeServ IVR is running on. <i>The OfficeServ IVR application is not sold in the US, so this setting has no effect.</i>	
19	IP-IVR PORT <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>	Set the TCP/IP port used to communicate with the OfficeServ IVR server. <i>The OfficeServ IVR application is not sold in the US, so this setting has no effect.</i>	
20	MASTER/SLAVE IP <i>This option is available in the OfficeServ 7030 only.</i>	Set the IP address of the OfficeServ 7030 expansion cabinet. <i>Configuring an OfficeServ 7030 expansion cabinet is not supported in the US, so this setting has no effect.</i>	
21	VCS PORT <i>This option is available only in OfficeServ 7400 systems and OfficeServ 7200 systems using an MP20 processor card.</i>	Set the TCP/IP port used to communicate with the OfficeServ VCS server (Video Content Server). <i>The OfficeServ VCS application is not sold in the US, so this setting has no effect.</i>	
23	NMS TRAP SERVER <i>This option is not available in an OfficeServ 7100 with an MP10 processor card.</i>	Set the IP address of the server running the OfficeServ NMS (Network Monitoring System) application. <i>The OfficeServ NMS application is not sold in the US, so this setting has no effect.</i>	

**MMC: 830**

OPTION	NAME	VALUE	DESCRIPTION
24	CTI SERVER ADDR		Set the IP address of the server running the OfficeServ Link application.
27	NEWS ADDRESS		Set the IP address of the OfficeServ News server. <i>The OfficeServ News application is not sold in the US, so this setting has no effect.</i>
28	EMAIL SERVER <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>		This setting is reserved for future use and has no effect in current software.
29	VCS SERVER ADDR <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>		Set the IP address of the server running the OfficeServ VCS (Video Content Server) application. <i>The OfficeServ VCS application is not sold in the US, so this setting has no effect.</i>
30	VCS WEB SERVER <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>		Set the IP address of the server hosting the OfficeServ VCS (Video Content Server) web interface. <i>The OfficeServ VCS application is not sold in the US, so this setting has no effect.</i>
31	IMPS SERVER ADDR <i>This option is available in the OfficeServ 7200 and OfficeServ 7400 systems only.</i>		Set the IP address of the server running the OfficeServ Messenger application. <i>The OfficeServ Messenger application is not sold in the US, so this setting has no effect.</i>
32	QoS CHECK SERVER		Set the IP address of the Quality of Service router (typically the WIM module) that the system is connected to.

**OPENING DISPLAY**

Press TRANSFER 830  
Display shows

**SYSTEM IP ADDR**  
**10.0.2.10**

**DEFAULT DATA:**

<b>SYSTEM IP ADDR:</b>	<b>10.0.2.10</b>
<b>SYSTEM GATEWAY:</b>	<b>10.0.2.1</b>
<b>SYSTEM NET MASK:</b>	<b>255.255.255.0</b>
<b>SYSTEM RESET:</b>	<b>NO</b>
<b>SYS IP TYPE:</b>	<b>PRIVATE IP ONLY</b>
<b>SYS PUBLIC IP1:</b>	<b>0.0.0.0</b>
<b>SYS PUBLIC IP2:</b>	<b>0.0.0.0</b>
<b>SYS PUBLIC IP3:</b>	<b>0.0.0.0</b>
<b>SYSTEM MAC ADDR:</b>	<b>FFFFFFFFFFFF</b>
<b>SYSTEM IP VERS:</b>	<b>IPV4</b>
<b>DATA SERVER IP:</b>	<b>0.0.0.0</b>
<b>IP-UMS SERVER:</b>	<b>0.0.0.0</b>

## MMC: 830

IP-UMS PORT:	05061
IP-IVR SERVER:	0.0.0.0
IP-IVR PORT:	05060
MASTER/SLAVE IP:	0.0.0.0
VCS PORT:	05060
NMS TRAP SERVER:	0.0.0.0
CTI SERVER ADDR:	0.0.0.0
NEWS ADDRESS:	0.0.0.0
EMAIL SERVER:	0.0.0.0
VCS SERVER ADDR:	0.0.0.0
VCS WEB SERVER:	0.0.0.0
IMPS SERVER ADDR:	0.0.0.0
QoS CHECK SERVER:	0.0.0.0

**RELATED ITEMS:**    [MMC 615: MGI GROUP](#)  
                          [MMC 616: MGI USER](#)  
                          [MMC 831: MGI PARAMETERS](#)  
                          [MMC 832: VOIP OUTBOUND DIGITS](#)  
                          [MMC 833: VOIP ADDRESS TABLE](#)  
                          [MMC 834: H.323 OPTIONS](#)  
                          [MMC 835: MGI DSP OPTIONS](#)  
                          [MMC 836: H.323 GATEKEEPER OPTIONS](#)  
                          [MMC 837: SIP OPTIONS](#)  
                          [MMC 838: PRIVATE IP ADDRESSES](#)  
                          [MMC 840: IP SET INFO](#)  
                          [MMC 841: SYSTEM IP OPTIONS](#)  
                          [MMC 843: MPS OPTIONS](#)

## MMC: 831

## MGI PARAMETERS

### DESCRIPTION:

This MMC provides the means to configure the Internet Protocol (IP) addressing of the OfficeServ 7000 Series system OAS, MGI, or MGI64 card(s). This MMC must be utilized if there are ITP/SMT-i series phone(s) and/or MGI card(s) used on the system.

NOTE: This MMC cannot be accessed unless there is an MGI or MGI 64 card installed in the system.

- NOTE: When changing any IP address/value, listed below, three digits must be input for each (octet) field. Example 192.168.1.10 input must be: 192 168 001 010
- PLEASE ALSO NOTE: The first 3 parameters: *IP ADDRESS*, *GATEWAY*, and *SUB MASK* - changes to these parameters **will not be applied** until the MGI is reset, use the reset option below to reset the MGI.

- **IP ADDRESS:** Specifies the IP address for the MGI card.
- **GATEWAY:** Specifies the designated LAN gateway IP address used for contacting IP devices beyond the local subnet.
- **SUB MASK:** Specifies the IP subnet mask. This parameter is used by the system to calculate the range of IP devices (subnet) that are within "direct reach" of the MGI (without having to go through the designated network IP gateway).
- **IP TYPE:** Defines which IP addressing relationship is used for communications to and from the MGI card.
  - PRIVATE IP ONLY – the system assumes all ITP/SMT-i/VOIP devices are on the same network. Traffic involving non-IP based devices (such as analog trunks, digital keysets, voicemail, etc.) are handled VIA the MGI card.
  - PRIVATE w PUBLIC – the system knows that there is a mixture of ITP/VOIP devices on the same network and on remote network(s), thus communicates accordingly based upon the entries in MMC 840 (for ITP/SMT-i phones).
  - Public IP Only – use when MGI's IP address is exposed to the public network.
- **LOCAL RTP:** This defines the UDP port range the MGI card listens on. This setting defines a range of 32 ports (i.e. 30000 means 30000~30031 etc.). The port number entered is just defining the first of a 32 port range.

**MMC: 831**

Configure IP Address, Default Gateway, Subnet Mask for each MGI-16 or MGI-64 card, Then configure the IP TYPE, Local RTP Port (start), Public Address, and Public RTP Port (start). Then reset the MGI-16, or MGI-64 cards in MMC 831.

The First MGI-16 or MGI-64 card is defaulted to Port 30000. Here is a chart for the Port ranges needed in a defaulted system.

MGI CARD TYPE	Port Ranges First Card	Port Ranges Second Card
MGI-64 Two Cards	30000-30127	30128-30255
MGI-16 Two Cards	30000-30031	30032-30063
MGI-64 and MGI-16	30000-30127	30128-30159
MGI-16 and MGI-64	30000-30031	30032-30159

- **CARD RESET:** Use this option to reset the MGI. The MGI needs to be reset for changes to IP address, gateway or submask to take effect.
- **PUBLIC IP:** The MGI will originate communications, to ITP/VOIP devices outside the local network, using this IP address. The system identifies communications to/from this address as "public". This allows devices, on remote networks/subnets, to establish communications with the system, without exposing your LAN.
- **PUBLIC RTP:** This defines the UDP port range on the firewall is forwarded to the MGI card. When using the VOIP Service from the GWIM module, this port range is automatically configured based on the slot the MGI is installed in. If VOIP Service is not used, this must be manually configured based on the router/firewalls port forward settings. The default setting should be 30000. This setting defines a range of 32 ports (i.e. 30000 means 30000~30031 etc.). The port number entered is just defining the first of a 32 port range. Each MGI can have a public port thus allowing a single public IP to access multiple MGIs.
- **MAC ADDR:** Read only field that displays the MAC Address of the OAS, MGI, or MGI 64 card.
- **IP Version:** Select either IPV4 or IPV6 IP address format.
  - **NOTE: IPV6 is not supported in the US**

**OPENING DISPLAY**

Press TRANSFER 831.  
Display shows the first trunk on selected MGI card.

**[3801] IP ADDRESS**  
**168.219. 76.101**

## MMC: 831

**DEFAULT DATA:**

<b>IP ADDRESS:</b>	<b>0.0.0.0</b>
<b>GATEWAY:</b>	<b>0.0.0.0</b>
<b>SUB MASK:</b>	<b>255.255.255.0</b>
<b>IP TYPE:</b>	<b>PRIVATE ONLY</b>
<b>LOCAL RTP:</b>	<b>30000</b>
<b>CARD RESET:</b>	<b>NO</b>
<b>PUBLIC IP:</b>	<b>0.0.0.0</b>
<b>PUBLIC RTP:</b>	<b>30000</b>
<b>MAC ADDR:</b>	<b>FFFFFFFFFFFF</b>
<b>IP VERSION:</b>	<b>IPV4</b>

**RELATED ITEMS:**

- [MMC 615 MGI GROUP](#)
- [MMC 616 MGI USER](#)
- [MMC 830 ETHERNET PARAMETERS](#)
- [MMC 832 VOIP OUTBOUND DIGITS](#)
- [MMC 833 VOIP ADDRESS TABLE](#)
- [MMC 834 H.323 OPTIONS](#)
- [MMC 835 MGI DSP OPTIONS](#)
- [MMC 836 H.323 GATEKEEPER OPTIONS](#)
- [MMC 837 SIP OPTIONS](#)
- [MMC 838 PRIVATE IP ADDRESSES](#)
- [MMC 840 IP SET INFO](#)
- [MMC 841 SYSTEM IP OPTIONS](#)
- [MMC 714 DID TRANSLATIONS](#)
- [MMC 321 CLIP TABLE](#)

## MMC: 832

## VoIP OUTBOUND DIGITS

### DESCRIPTION:

This MMC provides the means to set the MGI internal numbering plan for digit dialing and conversion when using IP trunking application.

- **ACCESS DGT:** This is the access code that is used once the MGI is accessed; this directs a call based on the routing tables used. An access code table then references an access code and correlates an IP address to the access code for routing. A maximum of 8 digits are available with 63 access code entries (00~62).
- **DGT LENGTH:** This field requests the number of digits that are expected to be received to make up the whole access code.
- **DEL.LENGTH:** This is the number of digits to delete after receiving the access code.

NOTE: If no digits are deleted the access code will be sent as part of the call to the destination to continue routing at the far end destination.

- **INSERT DGT:** This is the digit(s) to insert for routing at the destination. This can be used when different numbering plans exist or if a dial 9 access is needed to be inserted in the dialed digits.
- **IP TABLE 1:** This is the first table referenced for routing the access code to an IP address. The system has 63 IP tables (00~62) with 16 entries (00~15) in each table.
- **IP START:** This entry indicates where in a table to start looking for an IP code to associate with the access code. This can be used to manage where to start looking for an IP address in high traffic MGI applications. Example: If IP address routing to the desired destination is known to be in the last 7 entries of a table the IP START location would be 8. IP address searching would start at entry 8.
- **SERVER USE:** This parameter determines whether a H.323 Gatekeeper (MMC836) will be utilized to establish this connection (0:no, 1:yes).

### OPENING DISPLAY

Press TRANSFER 832.  
Display shows the first access code entry number and access code.

[0:00] ACCESS DGT  
0

## MMC: 832

**DEFAULT DATA:**    **ACCESS DGT: 00~09 (digits 0~9) ,10~62 NONE**  
                         **DGT LENGTH: 1 (digits 0~9), 10~62 NONE**  
                         **DEL.LENGTH: 0**  
                         **INSERT DGT: NONE**  
                         **IP TABLE 1: 00**  
                         **IP START: NONE**  
                         **GK USE: NO**

**RELATED ITEMS:**    [MMC 615 MGI GROUP](#)  
                         [MMC 616 MGI USER](#)  
                         [MMC 830 ETHERNET PARAMETERS](#)  
                         [MMC 831 MGI PARAMETERS](#)  
                         [MMC 833 VOIP ADDRESS TABLE](#)  
                         [MMC 834 H.323 OPTIONS](#)  
                         [MMC 835 MGI DSP OPTIONS](#)  
                         [MMC 836 H.323 GATEKEEPER OPTIONS](#)  
                         [MMC 837 SIP OPTIONS](#)  
                         [MMC 838 PRIVATE IP ADDRESSES](#)  
                         [MMC 840 IP SET INFO](#)  
                         [MMC 841 SYSTEM IP OPTIONS](#)  
                         [MMC 714 DID TRANSLATIONS](#)  
                         [MMC 321 CLIP TABLE](#)

## MMC: 833

## VoIP IP ADDRESS

### DESCRIPTION: [Applies to v.4.30 or Higher]

This MMC is used to store IP addresses and miscellaneous options relating to SIP or H.323 Peering devices. This MMC works in conjunction with MMC 832 to allow dialing between the OfficeServ 7000 Series and a SIP or H.323 device. There are 250 tables with up to 4 IP addresses each.

**NOTE:** H.323 IS NOT SUPPORTED ON THE OFFICESERV 7030.

**IP ADDR 1 ~ 4:** The destination IP address is required to route dialed digits based on the access code and digits dialed. The IP entry field is divided into 4 sections allowing modification of separate IP address fields.

**NOTE:** When changing any IP address/value, listed below, three digits must be input for each (octet) field.

Example 192.168.1.10 input must be: 192 168 001 010

**PROTOCOL:** This option determines the device type for this table of IP addresses. The available settings are **SIP** (the default), and **H323**.

**ALIVE CHK:** This option determines if a keep alive test will be performed periodically to verify the status of the devices at **IP ADDR 1 ~ 4**. The default setting of **NONE** means that no alive check will be performed. Setting this to **OPTION** will periodically, according to the **CHK TIMER** below, send a request to the SIP device for supported options, thus verifying the status of the device.

**USER INFO:** Some peering devices require that calls sent to them be prefixed with the device's extension number before the call will be processed. By default this field is blank, but it can accept an entry of up to 32 characters.

**RMT PORT:** This option sets a 5 digit TCP/SMT/IP port number the devices in this table will use to communicate. The default setting is **05060**, meaning communications will occur on the standard SIP port 5060. Any 5 digit port number may be used.

**CHK TIMER:** This option determines the time in milliseconds between keep-alive checks if **ALIVE CHK** above is set to **OPTION**. The default value is

**MMC: 833**

**01800**, meaning a check will be performed every 1.8 seconds. A setting of **00000** means that no periodic checks will be performed. The maximum setting is **65535**.

**ALIVE STS:****ENTRY1 AVAIL ~ ENTRY4 AVAIL:**

These entries display the status of the devices at **IP ADDR 1 ~ 4**. This status is based on a simple ping test and may not necessarily imply full connectivity.

**SIG TYPE:**

This option specifies the TCP/IP communications protocol to use. The available selections are **UDP** (the default) and **TCP**.

**OPENING DISPLAY**

Press TRANSFER 833.  
Display shows the first table number.

**TB(000) IP ADDR 1**  
**165.213. 97.185**

**DEFAULT DATA:****TABLE 000**

<b>IP ADDR 1:</b>	<b>SYSTEM IP FROM MMC 830</b>
<b>IP ADDR 2 ~ 4:</b>	<b>0.0.0.0</b>
<b>PROTOCOL:</b>	<b>SIP</b>
<b>ALIVE CHK:</b>	<b>NONE</b>
<b>USER INFO:</b>	<b>NONE</b>
<b>RMT PORT:</b>	<b>05060</b>
<b>CHK TIMER:</b>	<b>01800</b>
<b>ALIVE STS:</b>	<b>ALL ENTRIES = YES</b>
<b>SIG TYPE:</b>	<b>UDP</b>

**ALL OTHER TABLES**

<b>IP ADDR 1 ~ 4:</b>	<b>0.0.0.0</b>
<b>PROTOCOL:</b>	<b>SIP</b>
<b>ALIVE CHK:</b>	<b>NONE</b>
<b>USER INFO:</b>	<b>NONE</b>
<b>RMT PORT:</b>	<b>05060</b>
<b>CHK TIMER:</b>	<b>01800</b>
<b>ALIVE STS:</b>	<b>ALL ENTRIES = YES</b>
<b>SIG TYPE:</b>	<b>UDP</b>

**RELATED ITEMS:**

[MMC 615 MGI GROUP](#)  
[MMC 616 MGI USER](#)  
[MMC 830 ETHERNET PARAMETERS](#)

## **MMC: 833**

**MMC 831 MGI PARAMETERS**

**MMC 832 VOIP OUTBOUND DIGITS**

**MMC 834 H.323 OPTIONS**

**MMC 835 MGI DSP OPTIONS**

**MMC 836 H.323 GATEKEEPER OPTIONS**

**MMC 837 SIP OPTIONS**

**MMC 838 PRIVATE IP ADDRESSES**

**MMC 840 IP SET INFO**

**MMC 841 SYSTEM IP OPTIONS**

**MMC 714 DID TRANSLATIONS**

**MMC 321 CLIP TABLE**

**MMC: 834****H.323 OPTION****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to set various options for H.323 VoIP trunking.

OPTION	NAME	VALUE		DESCRIPTION
00	GW CALLER ID	-		Set the 1 to 12 digit numeric entry that identifies this system.
01	H.323 FAST SETUP	0	DISABLE	Use normal call setup.
		1	ENABLE	Use the H.323 Fast Start call setup method.
02	CALLER ID TYPE	0	GWID	Show the number set in <b>GW CALLER ID</b> .
		1	ANI	Show the calling station number.
		2	IP	Show the calling party's IP address.
03	TUNNELING	0	DISABLE	Deny H.245 signaling.
		1	ENABLE	Allow the use of the H.245 signaling channel along with the Q.931 channel.
04	DEFAULT DIL NO.	-		Set the default ring destination for calls that cannot be routed by <b>INCOMING MODE</b> .
05	CODEC AUTO NEGOT	0	DISABLE	Require calls to adhere to the CODEC set in <a href="#">MMC 835</a> .
		1	ENABLE	Allow auto negotiation of the audio CODEC.

**MMC: 834**

OPTION	NAME	VALUE	DESCRIPTION
06	SIGNAL PORT	-	Set the port number used for H.323 signaling and sets a range of numbers allowed by firewall equipment. The common/default IP path or port used is 10000. <i>When using the system as a trunking gateway the formula for which ports to open depends on the number of VoIP channels. The formula is as follows: base signaling port (10000)+128+2*(# of VoIP ports -1)+1.</i>
07	SEND CLIP TABLE	1-4	Set which of the 4 CLI tables from <a href="#">MMC 321</a> will be used to determine what number should be sent as Caller ID for outbound calls.
08	INCOMING MODE	0 FOLLOW TRK RING	Route calls to the destination specified in <a href="#">MMC 406</a> for this trunk.
		1 FOLLOW DID TRANS	Search <a href="#">MMC 714</a> for a matching DID entry to route the call on. If no matching entry is found, route the call to <b>DEFAULT DIL NO.</b>
		2 FOLLOW INCOM DGT	Search <a href="#">MMC 724</a> for a device with a directory number that matches the digits received for the call. If no matching device can be found send the call to <b>DEFAULT DIL NO.</b>
09	ALLOW GW CHECK	0 DISABLE	Do not look for a gatekeeper.
		1 ENABLE	Check for the presence of a gatekeeper.
11	USE OVERLAP DIAL	0 DISABLE	Buffer digits until dialing is completed and then send them to the trunk all at once.
		1 ENABLE	Send digits to the trunk as they are dialed.

**OPENING DISPLAY**

Press TRANSFER 834.  
Display shows the first option.

**GW CALLER ID**  
**1234**

## MMC: 834

**DEFAULT DATA:**

<b>GW CALLER ID:</b>	<b>1234</b>
<b>H.323 FAST SETUP:</b>	<b>ENABLE</b>
<b>CALLER ID TYPE:</b>	<b>ANI</b>
<b>TUNNELING:</b>	<b>ENABLE</b>
<b>DEFAULT DIL NO.:</b>	<b>5000</b>
<b>CODEC AUTO NEGO:</b>	<b>ON</b>
<b>SIGNAL PORT:</b>	<b>10000</b>
<b>SEND CLIP TABLE:</b>	<b>1</b>
<b>INCOMING MODE:</b>	<b>FOLLOW DID TRANS</b>
<b>ALLOW GW CHECK:</b>	<b>DISABLE</b>

**RELATED ITEMS:**

- [MMC 405 CO LINE NO.](#)
- [MMC 615 MGI GROUP](#)
- [MMC 316 MGI USER](#)
- [MMC 830 ETHERNET PARAMETERS](#)
- [MMC 831 MGI PARAMETERS](#)
- [MMC 832 VOIP OUTBOUND DIGITS](#)
- [MMC 833 VOIP ADDRESS TABLE](#)
- [MMC 835 MGI DSP OPTIONS](#)
- [MMC 836 H.323 GATEKEEPER OPTIONS](#)
- [MMC 837 SIP OPTIONS](#)
- [MMC 838 PRIVATE IP ADDRESSES](#)
- [MMC 840 IP SET INFO](#)
- [MMC 841 SYSTEM IP OPTIONS](#)

**MMC: 835****MGI DSP OPTION****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the technician to configure DSP settings for Media Gateway Interface (MGI) channels in the system. These settings are global for all MGI channels available in the system: embedded MGI channels on the MP03/MP10/MP10a/MP20S, MGI/MGI16/MGI64 channels, and OAS card MGI channels. These settings are listed in this MMC as **MGI6**. In addition, on the OfficeServ 7200 and OfficeServ 7400 systems this MMC supports legacy MGI cards from the original launch of the OfficeServ 7200. These settings are listed as **MGI**.

**MGI6 SETTINGS**

OPTION	NAME	DESCRIPTION
00	AUDIO CODEC	Set the Audio Coder / Decoder compression rate. The default option is <b>G.729A</b> , which is the lowest bandwidth setting. Other options are <b>G.729</b> , <b>G.723</b> , and <b>G.711</b> each with increasing bandwidth usage.
01	ECHO CANCEL	<b>ENABLE</b> or <b>DISABLE</b> Echo Cancellation to remove echo that is generated by voice reflection and packet delay.
02	DUAL-FLT EC	Set the post-processing method used on the audio stream after echo cancellation has been performed. <b>DISABLE</b> does no post-processing. <b>8TRK MODE</b> processes the audio as if it were received from an 8TRK card. <b>8TRK2 MODE</b> processes the audio path as if it were received from an 8TRK2 card. <b>DTRK MODE</b> processes audio as if it came from a PRI channel.

## MMC: 835

OPTION	NAME	DESCRIPTION
03	NLP	Nonlinear processing calculates ambient background noise that is injected into the audio stream in place of packets lost by echo cancellation. This setting determines the audio dampening level to use for calculating background noise. <i>The default setting of 0 uses no dampening to maximize conversation integrity. Other options are 1 and 2 and should only be used when calls are known to have extremely noisy backgrounds.</i>
04	EC GAIN	Set the audio gain for echo cancellation processing. The default setting of <b>32</b> means audio will be amplified by 3.2 dB. Valid settings are <b>18</b> (1.8 dB) to <b>38</b> (3.8dB).
05	EC TAIL LEN	Set the maximum length ( <b>8-128</b> milliseconds) of an audio "echo" that should be stripped.
07	SILENCE SUP	<b>ENABLE</b> or <b>DISABLE</b> the silence suppression algorithm that will cut out packets that are considered silence. This results in a lower overall bandwidth, but can negatively impact audio quality.
08	TO RTP GAIN	Set the audio gain for silence suppression processing during IP to IP conversations. The default setting of <b>32</b> means audio will be amplified by 3.2 dB. Valid settings are <b>18</b> (1.8 dB) to <b>38</b> (3.8dB).
09	TO PCM GAIN	Set the audio gain for silence suppression processing during IP to TDM conversations. The default setting of <b>32</b> means audio will be amplified by 3.2 dB. Valid settings are <b>18</b> (1.8 dB) to <b>38</b> (3.8dB).
10	MIN JITER	Set the minimum time ( <b>010-300</b> milliseconds) to consider delay for jitter adjustment.
11	MAX JITTER	Set the maximum time ( <b>010-300</b> milliseconds) to consider delay for jitter adjustment.
12	JITTER AP	Set the Jitter Adaptation Period (the amount of time, in seconds, audio should be measured before applying jitter calculations). Valid values are <b>1</b> to <b>10</b> seconds.
13	JITTER AT	Set the Jitter Adaptation Threshold (the maximum length in milliseconds of jitter for jitter calculations). The range is any valid 10 millisecond increment between <b>150</b> and <b>500</b> msec.
14	T38 FAX USE	<b>ENABLE</b> or <b>DISABLE</b> the T.38 Fax protocol when using the G.711 audio codec.
15	FAX REDUND.	Enables ( <b>1-3</b> ) or disables ( <b>0</b> ) the T.38 redundancy method. This reduces the chances of losing faxes due to poor data networks.
16	FAX ECM	<b>ENABLE</b> or <b>DISABLE</b> fax error correction. This setting has no effect if <b>FAX REDUND.</b> is set to <b>0</b> .
18	RTCP PERIOD	Set the frequency ( <b>02-10</b> seconds) that the MGI channel sends RTCP report packets.
19	TOS/DiffSrv	Set the 8-bit binary DSCP header for MGI traffic. The DSCP header is used for Quality-of-Service (QoS) networks, and can be left at 00000000 for networks that do not use QoS.

**MMC: 835**

OPTION	NAME	DESCRIPTION
20	802.1p/q	<b>ENABLE</b> or <b>DISABLE</b> VLAN tagging on MGI traffic.
21	802.1 P	Assign the priority for MGI traffic.
22	802.1 VLAN	Assign the VLAN ID to tag MGI packets with.
23	G711 FRAME	Set the frame length ( <b>10-60</b> milliseconds) for the G.711 codec.
24	G729 FRAME	Set the frame length ( <b>20, 40, or 60</b> milliseconds) for the G.729 codec.
25	G729a FRAME	Set the frame length ( <b>20, 40, or 60</b> milliseconds) for the G.729a codec.
26	G723 FRAME	Set the frame length ( <b>30 or 60</b> milliseconds) for the G.729 codec.

**MGI SETTINGS***(OfficeServ 7200 and OfficeServ 7400 only)*

OPTION	NAME	DESCRIPTION
00	AUDIO CODEC	Set the Audio Coder / Decoder compression rate. The default option is <b>G.729A</b> , which is the lowest bandwidth setting. Other options are <b>G.729</b> , <b>G.723</b> , and <b>G.711</b> each with increasing bandwidth usage.
01	ECHO CANCEL	<b>ENABLE</b> or <b>DISABLE</b> Echo Cancellation to remove echo that is generated by voice reflection and packet delay.
02	SILENCE SUP	<b>ENABLE</b> or <b>DISABLE</b> the silence suppression algorithm that will cut out packets that are considered silence. This results in a lower overall bandwidth, but can negatively impact audio quality.
03	IN FILTER	<b>ENABLE</b> or <b>DISABLE</b> the input-side audio filtering. <i>This setting should always be set to ENABLE.</i>
04	OUT FILTER	<b>ENABLE</b> or <b>DISABLE</b> the output-side audio filtering. <i>This setting should always be set to ENABLE.</i>
05	TO RTP GAIN	Set the audio gain for silence suppression processing during IP to IP conversations. The default setting of <b>32</b> means audio will be amplified by 3.2 dB. Valid settings are <b>18</b> (1.8 dB) to <b>38</b> (3.8dB).
06	TO PCM GAIN	Set the audio gain for silence suppression processing during IP to TDM conversations. The default setting of <b>32</b> means audio will be amplified by 3.2 dB. Valid settings are <b>18</b> (1.8 dB) to <b>38</b> (3.8dB).
07	JITTER OPT	Set the delay time ( <b>00-12</b> milliseconds) to impose on packets generated from the MGI channel. A lower value treats packet loss conditions, a higher value treats packet delay conditions.

**MMC: 835**

OPTION	NAME	DESCRIPTION
08	MIN JITER	Set the minimum time ( <b>010-300</b> milliseconds) to consider delay for jitter adjustment.
09	MAX JITTER	Set the maximum time ( <b>010-300</b> milliseconds) to consider delay for jitter adjustment.
10	RTP LOSS TM	Set the frequency ( <b>02-10</b> seconds) that the MGI channel sends RTCP report packets.
11	T38 FAX USE	<b>ENABLE</b> or <b>DISABLE</b> the T.38 Fax protocol when using the G.711 audio codec.
12	T38 REDUND.	Enables ( <b>1-3</b> ) or disables ( <b>0</b> ) the T.38 redundancy method. This reduces the chances of losing faxes due to poor data networks.
13	FAX ECM	<b>ENABLE</b> or <b>DISABLE</b> fax error correction. This setting has no effect if <b>T38 REDUND.</b> is set to 0.
14	MAX FAX CNT	Set the maximum number of channels ( <b>0-4</b> ) that can be <i>simultaneously utilized</i> for Fax-over-IP.
15	DTMF TYPE	Set the method for sending DTMF digits. <b>INBAND(IN VOICE)</b> sends the DTMF digits in the voice path. <b>INBAND(FLAG)</b> sends the DTMF digits in the voice path with a header flag. <b>INBAND(RFC2833)</b> sends the DTMF digits as audible RTP event packets according to RFC2833. <b>INBAND(2833MUTE)</b> sends the DTMF digits as muted RTP event packets according to RFC2833. <b>OUTBAND</b> sends the DTMF digits as signaling packets, and is intended for use only when communicating with other MGI channels.
16	TOS/DiffSrv	Set the 8-bit binary DSCP header for MGI traffic. The DSCP header is used for Quality-of-Service (QoS) networks, and can be left at 00000000 for networks that do not use QoS.
17	G711 FRAME	Set the frame length ( <b>10-60</b> milliseconds) for the G.711 codec.
18	G729 FRAME	Set the frame length ( <b>20, 40, or 60</b> milliseconds) for the G.729 codec.
19	G729a FRAME	Set the frame length ( <b>20, 40, or 60</b> milliseconds) for the G.729a codec.
20	G723 FRAME	Set the frame length ( <b>30 or 60</b> milliseconds) for the G.729 codec.

**NOTE:** The settings in this MMC to do not affect IP to IP calls where both devices are on the same network (both private or both public). For these types of calls an MGI channel is not used, so DSP settings in [MMC 840](#) and [MMC 841](#) take precedence.

## MMC: 835

### OPENING DISPLAY

Press TRANSFER 835.  
Display shows the first option.

**MG16: AUDIO CODEC**  
**G.729A**

<b>DEFAULT DATA:</b>	<b>AUDIO CODEC:</b>	<b>G.711</b>
	<b>ECHO CANCEL:</b>	<b>ENABLE</b>
	<b>DUAL-FLT EC:</b>	<b>8TRK2 MODE</b>
	<b>NLP:</b>	<b>0</b>
	<b>EC GAIN:</b>	<b>32</b>
	<b>EC TAIL LEN:</b>	<b>064 MS</b>
	<b>SILENCE SUP:</b>	<b>DISABLE</b>
	<b>TO RTP GAIN:</b>	<b>32</b>
	<b>TO PCM GAIN:</b>	<b>32</b>
	<b>MIN JITTER:</b>	<b>030 MS</b>
	<b>MAX JITTER:</b>	<b>150 MS</b>
	<b>JITTER AP:</b>	<b>01</b>
	<b>JITTER AT:</b>	<b>250 MS</b>
	<b>T38 FAX USE:</b>	<b>ENABLE</b>
	<b>FAX REDUND.:</b>	<b>3</b>
	<b>FAX ECM:</b>	<b>ENABLE</b>
	<b>MAX FAX CNT:</b>	<b>2</b>
	<b>RTCP PERIOD:</b>	<b>05 SEC</b>
	<b>TOS/DiffSrv:</b>	<b>00000000</b>
	<b>802.1 p/q:</b>	<b>DISABLE</b>
	<b>802.1 P:</b>	<b>0</b>
	<b>802.1 VLAN:</b>	<b>0000</b>
	<b>G711 FRAME:</b>	<b>20MS</b>
	<b>G729 FRAME:</b>	<b>20MS</b>
	<b>G729a FRAME:</b>	<b>20MS</b>
	<b>G723 FRAME:</b>	<b>30MS</b>

**RELATED ITEMS:**    [MMC 615 MGI GROUP](#)  
                          [MMC 616 MGI USER](#)  
                          [MMC 830 ETHERNET PARAMETERS](#)  
                          [MMC 831 MGI PARAMETERS](#)  
                          [MMC 832 VOIP OUTBOUND DIGITS](#)  
                          [MMC 833 VOIP ADDRESS TABLE](#)  
                          [MMC 834 H.323 OPTIONS](#)  
                          [MMC 836 H.323 GATEKEEPER OPTIONS](#)

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## **MMC: 835**

[MMC 837 SIP OPTIONS](#)

[MMC 838 PRIVATE IP ADDRESSES](#)

[MMC 840 IP SET INFO](#)

[MMC 841 SYSTEM IP OPTIONS](#)

[MMC 714 DID TRANSLATIONS](#)

[MMC 321 CLIP TABLE](#)

# MMC: 836

# H.323 GK OPTION

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to set parameters for an optional external industry-standard H.323 network gatekeeper using Registration, Admissions, and Status signaling (RAS). The settings are system wide.

**NOTE:** When changing any IP address/value listed below, three digits must be input for each octet (field). For example: 192.168.1.10 must be input as: 192 168 001 010

OPTION	NAME	VALUE		DESCRIPTION
00	GK CONNECTION	0	DISABLE	Do not connect to a gatekeeper.
		1	ENABLE	Attempt to connect to an H.323 gatekeeper.
01	GK REGISTERED	NO		The gatekeeper is not currently connected.
	<i>This option is read only.</i>	YES		The gatekeeper is connected and registered.
02	GK ROUTING	0	DISABLE	Route calls directly from the system.
		1	ENABLE	Route calls through the gatekeeper.
03	GK RAS TYPE	0	AUTO	Send RAS information automatically.
		1	MANUAL	Send RAS information only upon gatekeeper request.
04	GK IP ADDRESS	-		Set the gatekeeper's IP address.
05	ALTER GK IP ADDR	-		Set an alternate IP address for the gatekeeper.

## MMC: 836

OPTION	NAME	VALUE		DESCRIPTION
06	GK NAME	-		This is alphanumeric name identifier of the gatekeeper. Allows entry of 9 characters plus a space, followed by an additional 6 alpha-numeric characters.
07	H.323 ID	-		This is the H.323 identifier used when registering to the gatekeeper. This can be up to 16 alphanumeric characters in length.
08	E.164 ID	-		This is the E.164 identifier used when registering to the gatekeeper. This can be up to 16 digits in length.
09	GK KEEP ALIVE	-		Set the interval (000~999 seconds) between keep-alive checks to the gatekeeper.
10	GK DOWN ROUTE	0	PSTN	If the gatekeeper cannot be contacted, route the call through non-H.323 trunks.
		1	ALTER GK	If the gatekeeper cannot be contacted at <b>GK IP ADDRESS</b> , try to connect at <b>ALTER GK</b> .
11	URQ REASON MODE	0	NO	Do not use Unregister Request messages.
		1	YES	Use Unregister Request messages.
12	RRQ FAIL TIME	-		Set the interval (01-99 seconds) for sending Registration Request messages to the gatekeeper.
13	GRQ SEND	0	NO	Do not use Gatekeeper Request messages.
		1	YES	Use Gatekeeper Request messages.
14	USE MULTI E.164	0	DISABLE	Allow only one E.164 identifier to be assigned.
		1	ENABLE	Allow the assignment of multiple E.164 identifiers.
15	E.164 LISTS	01-32		Set the list of E.164 identifiers used when registering to the gatekeeper (max 32 entries at up to 16 digits each).

## MMC: 836

### OPENING DISPLAY

Press TRANSFER 836.  
Display shows the first available option.

**GK CONNECTION**  
**DISABLE**

<b>DEFAULT DATA:</b>	<b>GK CONNECTION:</b>	<b>DISABLE</b>
	<b>GK REGISTERED:</b>	<b>NO</b>
	<b>GK ROUTING:</b>	<b>DISABLE</b>
	<b>GK RAS TYPE:</b>	<b>AUTO</b>
	<b>GK IP ADDRESS:</b>	<b>0.0.0.0</b>
	<b>ALTER GK IP ADDR:</b>	<b>0.0.0.0</b>
	<b>GK NAME:</b>	<b>Gatekeeper</b>
	<b>H.323 ID:</b>	<b>OfficeServ</b>
	<b>E.164 ID:</b>	<b>1234</b>
	<b>GK KEEP ALIVE:</b>	<b>000 SEC</b>
	<b>GK DOWN ROUTE:</b>	<b>PSTN</b>
	<b>URQ REASON MODE:</b>	<b>YES</b>
	<b>RRQ FAIL TIME:</b>	<b>30 SEC</b>
	<b>GRQ SEND:</b>	<b>NO</b>
	<b>USE MULTI E.164:</b>	<b>DISABLE</b>
	<b>E.164 LISTS:</b>	<b>NONE</b>

**RELATED ITEMS:**

- [MMC 615 MGI GROUP](#)
- [MMC 830 ETHERNET PARAMETERS](#)
- [MMC 831 MGI PARAMETERS](#)
- [MMC 832 VOIP OUTBOUND DIGITS](#)
- [MMC 833 VOIP ADDRESS TABLE](#)
- [MMC 834 H.323 OPTIONS](#)
- [MMC 835 MGI DSP OPTIONS](#)
- [MMC 837 SIP OPTIONS](#)
- [MMC 838 PRIVATE IP ADDRESSES](#)

**MMC: 837****SIP OPTIONS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Applies to V4.40 or Higher]**

This MMC allows the technician to adjust Session Initiation Protocol (SIP) station and trunk parameters. All settings are system wide.

**NOTE:** When changing any IP address/value listed below, three digits must be input for each octet (field). For example: 192.168.1.10 must be input as: 192 168 001 010

OPTION	NAME	VALUE	DESCRIPTION
0	SIP	1 RE-TRANS T1	Set the interval (0.0-9.9 seconds) between re-transmission attempts after receiving no response from the remote device.
		2 RE-TRANS T2	Set the maximum time (0.0-9.9 seconds) to retry after a no-response condition.
		3 RE-TRANS T4	Set the wait time (0.0-9.9 seconds) for data to be received after receiving an ACK message.
		4 GENERAL RING	Set the wait time (00.0~99.9 seconds) for a response after sending the first ACK message.
		5 INVITE RING	Set the wait time (00.0~99.9 seconds) to receive an INVITE message after sending the Final Response message.
		6 PROVISIONAL	Set the wait time (00.0~99.9 seconds) for provisioning to complete after receiving a Provision Response message.
		7 INV NO RESP	Set the wait time (00.0~99.9 seconds) before sending a Cancel message after receiving the INVITE message.
		8 GEN NO RESP	Set the wait time (00.0~99.9 seconds) before sending a Cancel message after receiving a General Response message.

## MMC: 837

OPTION	NAME	VALUE	DESCRIPTION
		9	REQ RETRY Set the wait time (00.0~99.9 seconds) for the Final Response message to be received after sending a General Response message.
1	EXT	0	SIGNAL PORT Set the UDP port (1024-65535) SIP stations will connect to.
		1	IP-UMS PORT Set the UDP port (1024-65535) the OfficeServ IP-UMS application will connect to. <i>Although this option is available in all systems, the OfficeServ IP-UMS application can only connect to the OfficeServ 7200 and OfficeServ 7400 systems.</i>
		2	EXPIRE TIME Set the maximum interval (000000-999999 seconds) between REGISTER messages from local SIP stations.
		3	NAT REG EXP Set the maximum interval (000000-999999 seconds) between REGISTER messages from remote SIP stations.
		5	EXCLUSIVE <b>ENABLE</b> or <b>DISABLE</b> unidentified incoming SIP message rejection. This message rejection is used to ensure that only the currently active SIP carrier can send calls to the system.
2	TRK	0	DEFAULT ISP Set the default SIP carrier (1-4) to use. This setting currently has no effect on the system and is reserved for future use.
		1	iBG EXPIRE Set the expiration time period (0000-3600 seconds) for a Ubigate router REGISTER message.
		4	INCOM MODE Set how incoming SIP trunk calls are routed: <b>FOLLOW DID TRANS</b> searches for a matching DID in <a href="#">MMC 714</a> . If none is found the call routes to the system operator. <b>FOLLOW TRUNK RING</b> routes to the destination specified in <a href="#">MMC 406</a> for the trunk. <b>FOLLOW INCOM DGT</b> searches for a device in <a href="#">MMC 724</a> that matches the called number. If none is found the call routes to the system operator.
		5	PEER CLIPTB Set which of the CLI tables (1-4) from <a href="#">MMC 321</a> will be used to determine what number should be sent as Caller ID for outbound calls to a SIP Peer set in <a href="#">MMC 833</a> .
		6	RCV CLI FWD <b>ENABLE</b> or <b>DISABLE</b> the ability to pass incoming Caller ID to the remote destination when transferring SIP calls to other destinations.
3	ISP1	00	SIP CARRIER Set the name for this SIP carrier (Internet Telephony Service Provider or ITSP).
		01	SIP SERVER <b>ENABLE</b> or <b>DISABLE</b> the use of this SIP carrier. <i>Only one carrier can be active at one time.</i>

**MMC: 837**

OPTION	NAME	VALUE	DESCRIPTION
		02 SVC AVAIL	Show the connectivity status for this carrier. <b>YES</b> indicates the carrier is connected and ready to receive calls, and <b>NO</b> indicates the carrier connection is off line.
		03 REGIST ADDR	Set the IP address / DNS name of the Registrar server provided by the carrier.
		04 REGIST PORT	Set the TCP/IP port (1024-65535) to use when connecting to <b>REGIST ADDR</b> .
		05 OUT PROXY	Set the IP address / DNS name of the outbound proxy server provided by the carrier.
		06 ALTER PROXY	Set the IP address / DNS name of an alternate outbound proxy server for failover purposes.
		07 PROXY PORT	Set the TCP/IP port (1024-65535) to use when connecting to <b>OUT PROXY</b> or <b>ALTER PROXY</b> .
		08 PROXY NAME	Set the domain name to use when registering to <b>REGIST ADDR</b> .
		09 DNS SERVER1	Set the primary Domain Name System (DNS) server to use when resolving DNS names for <b>REGIST ADDR</b> , <b>OUT PROXY</b> , or <b>ALTER PROXY</b> .
		10 DNS SERVER2	Set the secondary Domain Name System (DNS) server to use when resolving DNS names for <b>REGIST ADDR</b> , <b>OUT PROXY</b> , or <b>ALTER PROXY</b> .
		11 USER NAME	Set the user name (if any) to use after registering.
		12 AUTH USER	Set the authorization name (if any) required by the carrier when registering.
		13 AUTH PSWD	Set the authorization password (if any) required by the carrier when registering.
		14 REG PER USR	<b>ENABLE</b> or <b>DISABLE</b> the use of individual account logins for each station. If set to <b>ENABLE</b> the table of user information can be found in <a href="#">MMC 839</a> .
		15 SESSION TMR	Set the message to be sent to all connected parties after <b>SESSION EXP</b> has expired. <b>NONE</b> will send no expiration message. <b>UPDATE</b> sends an UPDATE message to all parties requesting that they report their current status. <b>REINVITE</b> sends a REINVITE message requesting each party to request reconnection.
		16 SESSION EXP	Set the maximum length (000000-999999 seconds) of a session.
		17 TRK REG EXP	Set the time (000000-999999 seconds) between sending REGISTER messages to the carrier.

## MMC: 837

OPTION	NAME	VALUE	DESCRIPTION
		18 ALIVE NOTI.	Enable ( <b>OPTIONS</b> ) or disable ( <b>NONE</b> ) a keep-alive ping to the carrier. When set to <b>OPTIONS</b> the system will send an Options Request message at the interval specified by <b>NOTIFY TIME</b> .
		19 NOTIFY TIME	Set the interval (000000-999999 seconds) to send <b>ALIVE NOTI.</b> messages.
		21 IMS OPTION	<b>ENABLE</b> or <b>DISABLE</b> the sending of IP Multimedia Subsystem (IMS) header information. IMS is used to provide SIP connectivity to wireless devices (such as smartphones).
		22 ASSERTED ID	Set the value of the P-Asserted-ID field as required by the carrier for outbound calls. <b>NONE</b> sends no information. <b>PRIMARY</b> sends the calling station number as the P-Asserted-ID field and the carrier trunk's Caller ID number as the FROM field. <b>ALTERNATE</b> sends the calling station number as the FROM field and the carrier trunk's Caller ID number as the P-Asserted-ID field.
		23 PRIVACY	<b>ENABLE</b> or <b>DISABLE</b> anonymous calling. When set to <b>ENABLE</b> the FROM field will contain the name "Anonymous" and the P-Asserted-ID field will contain the calling station number. This allows Caller ID restriction on outbound calls.
		24 SIP PEERING	Set the FROM field's address as the system IP address ( <b>ENABLE</b> ) or the <b>OUT PROXY</b> address ( <b>DISABLE</b> ).
		25 CLIP TABLE	Set which of the CLI tables (1-4) from <a href="#">MMC 321</a> will be used to determine what number should be sent as Caller ID for outbound calls to the carrier.
		26 SS TYPE	Set the external call transfer method. <b>SERVER MANAGED</b> sends a REFER method to the carrier alerting them to transfer the call to the external destination, allowing a transfer using only one trunk. <b>PBX MANAGED 2</b> uses a second trunk to dial the external number and then transfer the caller. <b>PBX MANAGED 1</b> uses a Samsung proprietary transfer method and should not be used in the USA.

**MMC: 837**

OPTION	NAME	VALUE	DESCRIPTION
		27 302 RESP	<b>ENABLE</b> or <b>DISABLE</b> the sending of 302 messages for external call forwarding. When set to <b>ENABLE</b> the 302 message is sent to the carrier to alert them to dial the external forwarding number (using only one trunk). When set to <b>DISABLE</b> the system will use a second trunk to dial the external forwarding number and then transfer the caller.
		29 DEST TYPE	Set the field to use as the inbound number for incoming call routing. <b>TO HEADER</b> uses the address in the TO header. <b>REQ URI</b> uses the Request URI address.
		31 CODEC NEGOT	<b>ENABLE</b> or <b>DISABLE</b> automatic audio CODEC negotiation with the carrier.
		33 HOLD RE-INV	Send a REINVITE message ( <b>ENABLE</b> ) or do not send any message ( <b>DISABLE</b> ) to the carrier when placing a call on hold.
		34 URI TYPE	Determines the Universal Resource Identifier Type for the connection. Available options are SIP and TEL.
		35 SIGNAL TYPE	Set the TCP/IP signaling type ( <b>UDP</b> or <b>TCP</b> ) to use when communicating with this carrier.
		36 E.164 ENABL	<b>ENABLE</b> or <b>DISABLE</b> the E.164 identification format.
		37 PRACK	<b>ENABLE</b> or <b>DISABLE</b> the sending of Provisional Acknowledge (PRACK) messages. Some SIP carriers require PRACK messages in order to establish a call, while others are unable to accept PRACK messages and may drop the call upon receipt of one.
4	ISP2	SEE <b>ISP1</b>	Configure options for Internet Telephony Service Provider 2.
5	ISP3	SEE <b>ISP1</b>	Configure options for Internet Telephony Service Provider 3.
6	ISP4	SEE <b>ISP1</b>	Configure options for Internet Telephony Service Provider 4.

**OPENING DISPLAY**

Press TRANSFER 837.  
Display shows the first available option.

**SIP : RE-TRANS T1  
05**

**DEFAULT DATA:    SIP:**

**MMC: 837**

	<b>RE-TRANS T1:</b>	<b>05</b>
	<b>RE-TRANS T2:</b>	<b>40</b>
	<b>RE-TRANS T4:</b>	<b>50</b>
	<b>GENERAL RING:</b>	<b>050</b>
	<b>INVITE RING:</b>	<b>050</b>
	<b>PROVISIONAL:</b>	<b>1800</b>
	<b>INV NO RESP:</b>	<b>050</b>
	<b>GEN NO RESP:</b>	<b>050</b>
	<b>REQ RETRY:</b>	<b>050</b>
<b>EXT:</b>		
	<b>SIGNAL PORT:</b>	<b>05060</b>
	<b>IP-UMS PORT:</b>	<b>05070</b>
	<b>EXPIRE TIME:</b>	<b>000600</b>
	<b>NAT REG EXP:</b>	<b>000600</b>
	<b>EXCLUSIVE:</b>	<b>DISABLE</b>
<b>TRK:</b>		
	<b>DEFAULT ISP:</b>	<b>1</b>
	<b>iBG EXPIRE:</b>	<b>0010</b>
	<b>INCOM MODE:</b>	<b>FOLLOW DID TRANS</b>
	<b>PEER CLIPTB:</b>	<b>1</b>
	<b>RCV CLI FWD:</b>	<b>DISABLE</b>
<b>ISP1-4:</b>		
	<b>SIP CARRIER:</b>	<b>NONE</b>
	<b>SIP SERVER:</b>	<b>DISABLE</b>
	<b>SVC AVAIL:</b>	<b>NO</b>
	<b>REGIST ADDR:</b>	<b>NONE</b>
	<b>REGIST PORT:</b>	<b>05060</b>
	<b>OUT PROXY:</b>	<b>0.0.0.0</b>
	<b>ALTER PROXY:</b>	<b>0.0.0.0</b>
	<b>PROXY PORT:</b>	<b>05060</b>
	<b>PROXY NAME:</b>	<b>NONE</b>
	<b>DNS SERVER1:</b>	<b>0.0.0.0</b>
	<b>DNS SERVER2:</b>	<b>0.0.0.0</b>
	<b>USER NAME:</b>	<b>NONE</b>
	<b>AUTH USER:</b>	<b>NONE</b>
	<b>AUTH PSWD:</b>	<b>NONE</b>
	<b>REG PER USR:</b>	<b>DISABLE</b>
	<b>SESSION TMR:</b>	<b>NONE</b>
	<b>SESSION EXP:</b>	<b>001800</b>
	<b>TRK REG EXP:</b>	<b>001800</b>
	<b>ALIVE NOTI:</b>	<b>NONE</b>
	<b>NOTIFY TIME:</b>	<b>001800</b>

## MMC: 837

IMS OPTION:	DISABLE
ASSERTED ID:	NONE
PRIVACY:	DISABLE
SIP PEERING:	DISABLE
CLIP TABLE:	1
SS TYPE:	PBX MANAGED 2
302 RESP:	DISABLE
DEST TYPE:	TO HEADER
CODEC NEGO:	ENABLE
HOLD RE-INV:	ENABLE
URI TYPE:	SIP
SIGNAL TYPE:	UDP
E.164 ENABL:	DISABLE
PRACK:	DISABLE

**RELATED ITEMS:**    [MMC 405 CO LINE NO.](#)  
                          [MMC 615 MGI GROUP](#)  
                          [MMC 830 ETHERNET PARAMETERS](#)  
                          [MMC 831 MGI PARAMETERS](#)  
                          [MMC 832 VOIP OUTBOUND DIGITS](#)  
                          [MMC 833 VOIP ADDRESS TABLE](#)  
                          [MMC 834 H.323 OPTIONS](#)  
                          [MMC 835 MGI DSP OPTIONS](#)  
                          [MMC 836 H.323 GATEKEEPER OPTIONS](#)  
                          [MMC 837 SIP OPTIONS](#)  
                          [MMC 838 PRIVATE IP ADDRESSES](#)  
                          [MMC 714 DID TRANSLATIONS](#)  
                          [MMC 321 CLIP TABLE](#)

# MMC: 838

# PRIVATE IP ADDRESS

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION:

This MMC allows the technician to configure IP addresses that are not on the subnet, but which are considered local. This type of scenario is commonly used in bridged networks where multiple buildings share one addressing scheme (192.168.0.X), but with internet routers between sites. In these cases the IP address must be explicitly called out in this MMC or the OfficeServ 7000 Series system cannot route traffic to the address due to router interference. There are 80 entries available in this table.

## OPENING DISPLAY

Press TRANSFER 838.  
Display shows.

<b>PRIVATE IP</b>	<b>(01)</b>
<b>0. 0. 0. 0</b>	

**DEFAULT DATA:**    **PRIVATE IP: ALL BLANK**

**RELATED ITEMS:**    [MMC 615 MGI GROUP](#)  
                          [MMC 830 ETHERNET PARAMETERS](#)  
                          [MMC 831 MGI PARAMETERS](#)  
                          [MMC 832 VOIP OUTBOUND DIGITS](#)  
                          [MMC 833 VOIP ADDRESS TABLE](#)  
                          [MMC 834 H.323 OPTIONS](#)  
                          [MMC 835 MGI DSP OPTIONS](#)  
                          [MMC 836 H.323 GATEKEEPER OPTIONS](#)  
                          [MMC 837 SIP OPTIONS](#)

## MMC: 839

## SIP USER

### DESCRIPTION:

This MMC is used for SIP Trunking applications where the SIP source requires registration on a “per-user” basis. This means that each station on the OfficeServ 7100 system that accesses SIP trunks (inbound or outbond calls) will require an unique user ID and password.

➤ NOTE: In order to use this MMC, you must set “GW SERVICE”=ENABLE in MMC 837.

If your SIP server does **not** authenticate on a per-user basis, then this MMC is **not** required.

Up to 100 (01~100) registrations can be entered.

1. Move cursor (using right soft key) to the registration number and use the volume up and down button to scroll through up to 100 users.
2. Press the right soft key to move the cursor to the “usernum” field and use volume up/down buttons to toggle between “usernum” and “password”. Enter the “usernum” (usually DID assigned to the station) and the corresponding password for each registration.

# MMC: 840

# IP SET INFO

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.40 or Higher]

This MMC allows the technician to configure connection and communication parameters for wired IP stations, OfficeServ Softphone users, and OfficeServ Communicator Softphone Mode users.

**NOTE:** When changing any IP address/value listed below, three digits must be input for each octet (field). For example: 192.168.1.10 must be input as: 192 168 001 010.

OPTION	NAME	DESCRIPTION
00	USER ID	Set the login ID a keyset should send to register to this station.
01	USER PSWD	Set the password (4 digits) for <b>USER ID</b> . This value only takes effect if <b>ITP REGISTRATION: TYPE</b> is set to <b>PHONE PSWD</b> in <a href="#">MMC 841</a> .
02	IP ADDR	Show the IP address this station is registered on. <i>This field is read only.</i>
03	MAC ADDR	Show the MAC address of the keyset registered to this station. <i>This field is read only.</i>
04	SIG PORT	Show the TCP/IP signaling port this station is communicating on. <i>This field is read only.</i>
05	VOICE PORT	Show the TCP/IP port used for passing voice traffic from this station. <i>This field is read only.</i>
07	DSP TYPE	Set the audio CODEC ( <b>G.729A</b> , <b>G.711</b> ) this station uses. If <b>ITP/SMT DSP PARA: CODEC</b> is set to <b>MGI FIRST</b> in <a href="#">MMC 841</a> this setting will only affect calls made to other IP stations on the same subnet and the MGI CODEC set in <a href="#">MMC 835</a> will govern all other call types.

**MMC: 840**

OPTION	NAME	DESCRIPTION
08	PHONE TYPE	Set whether the registered keyset will be a Samsung proprietary IP phone ( <b>SAMSUNG</b> ) or a Samsung Standard SIP keyset ( <b>SIP STANDARD</b> ). <i>Samsung Standard SIP phones are not sold in the use so this setting should be left at SAMSUNG at all times.</i>
09	REGIST CLR	Clear the registration information ( <b>YES</b> ) for this station.
10	FRAME CNT	Set the sampling rate per frame (20-40 milliseconds) for calls to and from this station. This setting relates only to IP keyset to IP keyset calls, and only where both keysets are on the same subnet. <i>Smaller sampling rates will result in higher bandwidth usage.</i>
11	JITTER BUF	Set the delay (10-90 milliseconds) for outbound packets sent from this station. This helps account for network latency problems. This setting relates only to IP keyset to IP keyset calls, and only where both keysets are on the same subnet.
12	TOS/DifSrv	Set the 8-bit binary DSCP header for voice traffic from this station. The DSCP header is used for Quality-of-Service (QoS) networks, and can be left at 00000000 for networks that do not use QoS.
13	SW VERSION	Show the firmware version of the keyset registered to this station. <i>This field is read only.</i>
14	SW UPGRADE	Force (YES) this phone to attempt to upgrade its firmware from the <b>UPGRADE SVR IP</b> set in <a href="#">MMC 841</a> . <b>PHONE SW UPGRADE: TYPE</b> must be set to <b>MMC COMMAND</b> in <a href="#">MMC 841</a> for this setting to have any effect.
15	TIME ZONE	Set the time zone offset (-23:30 to +23:30 in 30 minute increments) for this station from the system clock set in <a href="#">MMC 505</a> . This allows stations in remote locations to have correct local time displayed.
17	SIG TYPE	Set the TCP/IP signaling method ( <b>TCP</b> or <b>UDP</b> ) used to communicate with this station.
18	PRIVATE IP	Show the LAN IP address for this station. This is useful for troubleshooting remote IP phones. <i>This field is read only.</i>
19	VIDEO DSP	Set the compression format ( <b>H.263</b> or <b>MPEG4</b> ) for video to this station. <i>The OfficeServ Video Content Server is not sold in the US, so this setting has no effect.</i>
20	VIDEO SIZE	Set the video size ( <b>CIF</b> , <b>QCIF</b> ) for video services on this station. <i>The OfficeServ Video Content Server is not sold in the US, so this setting has no effect.</i>
29	QOS ENABLE	Enable Quality of Service Monitoring of this station in the OfficeServ Quality Monitor. <i>The OfficeServ Quality Monitor is not sold in the US, so this setting should be left at the default setting of DEFAULT.</i>

**MMC: 840**

OPTION	NAME	DESCRIPTION
30	FRC LOGOUT	Force this station ( <b>YES</b> ) to the Login screen.

**OPENING DISPLAY**

Press TRANSFER 840.  
Display shows the first available option.

[ 3201 ]   **USER   ID**  
3201

<b>DEFAULT DATA:</b>	<b>USER ID:</b>	<b>SAME AS STATION NUMBER</b>
	<b>USER PSWD:</b>	<b>1234</b>
	<b>IP ADDR:</b>	<b>0.0.0.0</b>
	<b>MAC ADDR:</b>	<b>FFFFFFFFFFFF</b>
	<b>SIG PORT:</b>	<b>06000</b>
	<b>VOICE PORT:</b>	<b>09000</b>
	<b>DSP TYPE:</b>	<b>G.729A</b>
	<b>PHONE TYPE:</b>	<b>SAMSUNG</b>
	<b>REGIST CLR:</b>	<b>NO</b>
	<b>FRAME CNT:</b>	<b>2(x10MS)</b>
	<b>JITTER BUF:</b>	<b>2(x10MS)</b>
	<b>TOS/DifSrv:</b>	<b>00000000</b>
	<b>SW VERSION:</b>	<b>DISCONNECT</b>
	<b>SW UPGRADE:</b>	<b>DISCONNECT</b>
	<b>TIME ZONE:</b>	<b>00:00</b>
	<b>SIG TYPE:</b>	<b>UDP</b>
	<b>PRIVATE IP:</b>	<b>0.0.0.0</b>
	<b>VIDEO DSP:</b>	<b>H.263</b>
	<b>VIDEO SIZE:</b>	<b>CIF</b>
	<b>QOS ENABLE:</b>	<b>DISABLE</b>
	<b>FRC LOGOUT:</b>	<b>NO</b>

**RELATED ITEMS:**   [MMC 615   MGI GROUP](#)  
[MMC 616   MGI USER](#)  
[MMC 830   ETHERNET PARAMETERS](#)  
[MMC 831   MGI PARAMETERS](#)  
[MMC 832   VOIP OUTBOUND DIGITS](#)  
[MMC 833   VOIP ADDRESS TABLE](#)  
[MMC 834   H.323 OPTIONS](#)  
[MMC 835   MGI DSP OPTIONS](#)  
[MMC 836   H.323 GATEKEEPER OPTIONS](#)

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**MMC: 840**

[MMC 837 SIP OPTIONS](#)

[MMC 838 PRIVATE IP ADDRESSES](#)

[MMC 841 SYSTEM IP OPTIONS](#)

# MMC: 841

# SYSTEM IP OPTION

## DESCRIPTION: [Applies to V4.40 or Higher]

This MMC is used to set various options relating to Samsung IP devices and applications attached to the system.

OPTION	NAME	VALUE		DESCRIPTION
00	PHONE VERSION  <i>Software versions are entered as a 4 digit number. If the software version is 3.46 this should be entered as 0346</i>	00	DS-5012L	Set the software version for the DS-5012L keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		01	ITP-5012L	Set the software version for the ITP-5012L keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		02	ITP-5000D	Set the software version for the ITP-5000D keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		03	WIPM APPL	Set the firmware version for the wireless IP handsets.
		04	SOFT-PC	Set the firmware version for legacy OfficeServ Softphone stations older than V1.2.
		05	SOFT-PDA	Set the software version for the OfficeServ PDA Softphone keyset. <i>This application is not sold in the US, so this setting has no effect.</i>
		06	ITP-5112L	Set the firmware for the ITP-5112L large display wired IP keyset.
		07	ITP-5100D	Set the software version for the ITP-5100DL keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		08	ITP-VIDEO	Set the software version for the ITP-VIDEO keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>

## MMC: 841

OPTION	NAME	VALUE	DESCRIPTION
		09	DS-5012LE Set the software version for the DS-5012LE keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		10	WIPM BOOT Set the boot ROM version for the wireless IP handsets.
		11	SOFT-VIDEO Set the software version for the OfficeServ Softphone (V1.2 and higher).
		12	ITP-SIMPLE Set the software version for the ITP-5107S and ITP-5121D keysets.
		14	SMT-i3100 Set the software version for the SMT-i3105 keyset.
		15	SMT-i5220 Set the software version for the SMT-i5220 keyset.
		16	SMT-i5243 Set the software version for the SMT-i5243 handset.
		18	SMT-W5100 Set the software version for the SMT-W5100E handset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		19	SMT-W5120 Set the software version for the SMT-W5120 handset.
		20	SMT-i2200 Set the software version for the SMT-i2200 keyset. <i>This keyset is not sold in the US, so this setting has no effect.</i>
		22	SMT-i5210 Set the software version for the SMT-i5210 keyset.
		23	SMT-i5230 Set the software version for the SMT-i5230 keyset.
		24	SOFT MENU Set the software version for the OfficeServ Softkey Menu application. <i>This application is not sold in the US, so this setting has no effect.</i>
01	UPGRADE SVR IP	Set the IP address of the server used to upgrade IP stations.	

## MMC: 841

OPTION	NAME	VALUE		DESCRIPTION
03	ITP REGISTRATION	0	TYPE	Set the authentication method IP phones use to register to the system: <b>SYS PSWD</b> uses the <b>USER ID</b> from <a href="#">MMC 840</a> for each station, but all stations will use the password specified in <b>PSWD</b> below. <b>PHONE PSWD</b> uses both the <b>USER ID</b> and <b>USER PSWD</b> from <a href="#">MMC 840</a> to register stations. <b>DISABLE</b> prevents IP phones from being registered to the system completely.
		1	PSWD	Set the global password for registering IP keysets when <b>TYPE</b> is set to <b>SYS PSWD</b> .
04	EASYSET OPTION	0	PSWD	Set the password used by the OfficeServ EasySet application to connect to the system.
		1	ALIVE	Set the time (000-250 seconds) between keep-alive messages to OfficeServ EasySet.
05	CTI LINK OPTION	0	SMDR REPORT	Enable ( <b>YES</b> ) or disable ( <b>NO</b> ) sending SMDR data to OfficeServ Link.
		1	UCD REPORT	Enable ( <b>YES</b> ) or disable ( <b>NO</b> ) sending UCD reports to OfficeServ Link.
		2	ALIVE	Set the time (0000-1800 seconds) between keep-alive messages to OfficeServ Link.
06	ITP DSP PARA	0	M-FRAME	Set the sampling rate per frame (20-40 milliseconds) for calls to and from wired IP phones. This setting relates only to IP keyset to IP keyset calls, and only where both keysets are on the same subnet. <i>Smaller sampling rates will result in higher bandwidth usage.</i>

## MMC: 841

OPTION	NAME	VALUE		DESCRIPTION
		1	JITTER	Set the delay (10-90 milliseconds) for outbound packets sent from wired IP phones. This helps account for network latency problems. This setting relates only to IP keyset to IP keyset calls, and only where both keysets are on the same subnet.
		2	TOS/Dif	Set the 8-bit binary DSCP header for voice traffic from this station. The DSCP header is used for Quality-of-Service (QoS) networks, and can be left at 00000000 for networks that do not use QoS.
		3	CONTROL	IP phones will use the <b>M-FRAME</b> , <b>JITTER</b> , and <b>TOS/Dif</b> settings in this MMC ( <b>SYS BASE</b> ) or the <b>FRAME CNT</b> , <b>JITTER BUF</b> , and <b>TOS/DifSrv</b> settings in <b>MMC 840</b> ( <b>ITP BASE</b> ).
		4	CODEC	IP phones will use the audio CODEC specified by <b>MMC 835</b> ( <b>MGI FIRST</b> ) or <b>MMC 840</b> ( <b>ITP FIRST</b> ).
07	ITP TX GAIN/HSET	These options set the transmit and receive gain levels for IP phone handset microphones, speakers, speakerphones, and speakerphone microphones.  <b>CAUTION!! Changing these values may create serious volume and distortion issues and should only be attempted when directed to do so by Samsung Technical Support.</b>		
08	ITP RX GAIN/HSET			
09	ITP TX GAIN/MIC			
10	ITP RX GAIN/SPKR			
11	PHONE SW UPGRADE	0	TYPE	IP phones will be upgraded when directed by <b>MMC 840</b> ( <b>MMC COMMAND</b> ), when they register to the system ( <b>PHONE CONN</b> ), or automatically at a set time ( <b>AUTO TIME</b> ).
		1	START(HHMM)	Set the start time ( <b>0000-2359</b> ) to begin upgrading phones when <b>TYPE</b> is set to <b>AUTO TIME</b> .

## MMC: 841

OPTION	NAME	VALUE		DESCRIPTION
		2	INTERVAL	Set the interval ( <b>05-99</b> seconds) between upgrade checks after <b>START(HHMM)</b> when <b>TYPE</b> is set to <b>AUTO TIME</b> .
12	MGI ALIVE PERIOD	Set the time (00-99 seconds) between keep-alive messages between the system processor card and any MGI/MGI16/MGI64/OAS cards.		
14	DATA CARD IPC	Communicate with WIM/GWIMT data modules installed in the system by IPC backplane messaging ( <b>YES</b> ) or TCP/IP traffic ( <b>NO</b> ).		
15	ITP RING VOLUME	Set the volume adjustment base levels for IP phone ring volumes. <b>CAUTION!! Changing these values may create serious volume and distortion issues and should only be attempted when directed to do so by Samsung Technical Support.</b>		
16	ITP MAX TX LIMIT	IP phones will restrict bandwidth usage ( <b>YES</b> ) to the transmission bandwidth of the remote party for calls between two IP phones on the same subnet.		
17	WIP DSP PARA	0	M-FRAME	Set the sampling rate per frame (20-60 milliseconds) for calls to and from wireless IP handsets. This setting relates only to wireless IP handset to wireless IP handset calls, and only where both handsets are on the same subnet. <b>Smaller sampling rates will result in higher bandwidth usage.</b>
		1	ECHOCNCL	<b>ENABLE</b> or <b>DISABLE</b> the echo cancellation circuit in the MGI/MGI16/MGI64/OAS card for wireless IP handset calls.
18	ALL IDLE ITP OUT	0	TYPE	Log out idle IP phones through <b>MMC 840 (MMC COMMAND)</b> or daily at a specific time ( <b>AUTO TIME</b> ).
		1	TIME(HHMM)	Set the time ( <b>0000-2359</b> ) that all idle IP phones will be forced to the login screen when <b>TYPE</b> is set to <b>AUTO TIME</b> .
		2	LOGOUT NOW	Force all ( <b>YES</b> ) idle IP phones to the login screen.

**MMC: 841**

OPTION	NAME	VALUE		DESCRIPTION
19	PUBLIC IP SET	0	IP PHONE	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote wired IP phones will connect to.
		1	SIP PHONE	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote SIP phones will connect to.
		2	SIP TRK	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote SIP trunks will connect to.
		3	H323 TRK	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote H.323 trunks will connect to.
		4	SPNET	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote SPNet nodes will connect to.
		5	WIP PHONE	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> remote wireless IP handsets will connect to.
		6	ETC	Set which of the 3 public IP entries from <a href="#">MMC 830</a> , <a href="#">MMC 831</a> , and <a href="#">MMC 843</a> a public applications server (CTI/UMS) will connect to.

**OPENING DISPLAY**

Press TRANSFER 841.  
Display shows the first available option.

**PHONE VERSION**  
**DS-5012L:**

<b>DEFAULT DATA:</b>	<b>PHONE VERSION:</b>	<b>ALL MODELS:</b>	<b>NONE</b>
	<b>UPGRADE SVR IP:</b>		<b>0.0.0.0</b>
	<b>ITP REGISTRATION:</b>	<b>TYPE:</b>	<b>SYS PSWD</b>
		<b>PSWD:</b>	<b>1234</b>

## MMC: 841

### EASYSET OPTION:

PSWD: 1234  
ALIVE: 000 SEC

### CTI LINK OPTION:

SMDR REPORT: NO  
UCD REPORT: NO  
ALIVE: 0300 SEC

### ITP DSP PARA:

M-FRAME: 20 MSEC  
JITTER: 20 MSEC  
TOS/Dif: 00000000  
CONTROL: SYS BASE  
CODEC: MGI FIRST

### ITP TX GAIN/HSET:

LEVEL 1: 24  
LEVEL 2: 25  
LEVEL 3: 26  
LEVEL 4: 27  
LEVEL 5: 28  
LEVEL 6: 29  
LEVEL 7: 30  
LEVEL 8: 31

### ITP RX GAIN/HSET:

LEVEL 1: 26  
LEVEL 2: 28  
LEVEL 3: 30  
LEVEL 4: 32  
LEVEL 5: 34  
LEVEL 6: 36  
LEVEL 7: 38  
LEVEL 8: 40

### ITP TX GAIN/MIC:

LEVEL 1: 24  
LEVEL 2: 25  
LEVEL 3: 26  
LEVEL 4: 27  
LEVEL 5: 28  
LEVEL 6: 29  
LEVEL 7: 30  
LEVEL 8: 31

### ITP RX GAIN/SPKR:

LEVEL 01: 24

## MMC: 841

	LEVEL 02:	26
	LEVEL 03:	28
	LEVEL 04:	30
	LEVEL 05:	32
	LEVEL 06:	34
	LEVEL 07:	36
	LEVEL 08:	38
	LEVEL 09:	40
	LEVEL 10:	42
	LEVEL 11:	44
	LEVEL 12:	46
	LEVEL 13:	48
	LEVEL 14:	50
	LEVEL 15:	52
	LEVEL 16:	62
PHONE SW UPGRADE:		
	TYPE:	MMC COMMAND
	START(HHMM):	2222
	INTERVAL:	10 SEC
MGI ALIVE PERIOD:		05 SEC
DATA CARD IPC:		YES
ITP RING VOLUME:		
	LEVEL 1:	02
	LEVEL 2:	03
	LEVEL 3:	04
	LEVEL 4:	05
	LEVEL 5:	06
	LEVEL 6:	07
	LEVEL 7:	08
	LEVEL 8:	09
ITP MAX TX LIMIT:		NO
WIP DSP PARA:		
	M-FRAME:	40 MSEC
	ECHOCNCL:	ENABLE
ALL IDLE ITP OUT:		
	TYPE:	MMC COMMAND
	TIME(HHMM):	2222
	LOGOUT NOW:	NO
PUBLIC IP SET:	ALL ENTRIES:	1

## MMC: 841

**RELATED ITEMS:**

- [MMC 615 MGI GROUP](#)
- [MMC 616 MGI USER](#)
- [MMC 830 ETHERNET PARAMETERS](#)
- [MMC 831 MGI PARAMETERS](#)
- [MMC 832 VOIP OUTBOUND DIGITS](#)
- [MMC 833 VOIP ADDRESS TABLE](#)
- [MMC 834 H.323 OPTIONS](#)
- [MMC 835 MGI DSP OPTIONS](#)
- [MMC 836 H.323 GATEKEEPER OPTIONS](#)
- [MMC 837 SIP OPTIONS](#)
- [MMC 838 PRIVATE IP ADDRESSES](#)
- [MMC 840 IP SET INFO](#)
- [MMC 841 SYSTEM IP OPTIONS](#)

## SIP STATION INFO

This MMC provides various proprietary Samsung SIP integration options of non-Samsung SIP terminals. The options set in this MMC are system-wide.

No	Option	Description	Default
0	[3301] REGISTERED	To indicate if the SIP phone is registered to server or not (read only). Options: NO OR YES	NO
1	[3301] IP ADDRESS	Sets SIP phone IP address (read only).	0.0.0.0
2	[3301] USER ID	<u>Enter User ID or SIP station number for registering to the SIP server.</u>	3301
3	[3301] PASSWORD	Enter the password for registering to the SIP server.	0000
4	[3301] TONE SRV	An option to provide the service tone from the SIP server or the SIP phone. Options: USE SYSTEM TONE OR USE PHONE TONE	USE SYSTEM TONE
5	[3301] CALL WAIT	To provide to disable call waiting tone for second call to SIP phone. Options: DISABLE OR ENABLE	DISABLE
6	[3301] PHONE TYPE	To display the type of SIP phone registered (read only) Options: DISCONNECTED OR CONNECTED	DISCONNECT

Press TRANSFER 842.  
Display shows.

**[ 3301 ] REGISTRATION  
NO**

**RELATED ITEMS:**

- [MMC 724 NUMBER PLAN](#)
- [MMC 841 SYS IP OPTN](#)
- [MMC 857 VIRTUAL CABINET](#)

# MMC: 843

# MPS OPTIONS

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	NO
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.40 or Higher]

*This MMC is inaccessible if **MPS SERVICE** is set to **OFF** in [MMC 861](#).*

This MMC is used to set options relating to Media Proxy Service (MPS) channels. MPS channels allow IP devices to communicate with other IP devices without the need for an MGI channel. For example, two SPNet nodes with MPS channels available can allow stations to call back and forth between nodes without an MGI being used. The chart below shows a complete listing of MPS connectivity. Any connection type not shown cannot use MPS channels. **PEER** denotes that the two devices will peer from each other and do not require any system resources to connect.

			STATIONS		TRUNKS					
			LAN	WAN	LAN			WAN		
			ITP/WIP/SIP	ITP/WIP/SIP	SIP	H.323	SPNET	SIP	H.323	SPNET
STATIONS	LOCAL	ITP	PEER	MPS	PEER	MPS	PEER	MPS	MPS	MPS
		WIP	PEER	MPS	PEER	MPS	PEER	MPS	MPS	MPS
		SIP	PEER	MPS	PEER	MPS	PEER	MPS	MPS	MPS
	REMOTE	ITP	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
		WIP	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
		SIP	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
TRUNKS	LOCAL	SIP	PEER	MPS	PEER	MPS	PEER	MPS	MPS	MPS
		H.323	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
		SPNET	PEER	MPS	PEER	MPS	PEER	MPS	MPS	MPS
	REMOTE	SIP	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
		H.323	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS
		SPNET	MPS	MPS	MPS	MPS	MPS	MPS	MPS	MPS

In the OfficeServ 7200 systems using an MP20 processor and OfficeServ 7400 systems MPS channels are obtained exclusively from Optional Application Services (OAS) cards. In OfficeServ 7200-S systems there are 16 MPS channels embedded on the MP20S processor

**MMC: 843**

card and OAS cards can be used to expand beyond 16. In the OfficeServ 7100 16 MPS channels are embedded on the processor card and cannot be expanded. In the OfficeServ 7030 16 MPS channels are embedded on the processor card and cannot be expanded.

**NOTE:** TDM devices, including digital keysets, Single Line Telephones, and ISDN PRI circuits, will still require an MGI channel to communicate with IP devices. MPS channels are exclusively used to connect IP devices to other IP devices.

**NOTE:** The OfficeServ IP-UMS application, though IP based, is not compatible with MPS channels due to the nature of the signalling. The IP-UMS will still require MGI channels to connect to the system.

OPTION	NAME	VALUE		DESCRIPTION
00	LOCATION			Show the location of the MPS channels. This can be a processor card (such as MP20S) or a cabinet and slot location for an OAS card.
01	IP ADDRESS			Show the IP address (read only) of the processor card (in the case of embedded MPS channels) or set the IP address (read/write) for the OAS card.
02	GATEWAY			Show the gateway IP address (read only) of the processor card (in the case of embedded MPS channels) or set the gateway IP address (read/write) for the OAS card.
03	SUB MASK			Show the subnet mask (read only) of the processor card (in the case of embedded MPS channels) or set the subnet mask (read/write) for the OAS card.
04	IP TYPE <i>This option is read only for embedded MPS channels.</i>	0	PRIVATE IP ONLY	The system communicates directly with all network devices; there is no router involved.
		1	PRIVATE w PUBLIC	The system is located behind a NAT router and will communicate with devices on both sides of the router.
05	LOCAL RTP			Set the starting TCP/IP port (10000-60000) for voice traffic carried on the MPS channel for local IP connections.
06	CARD RESET			Reset ( <b>YES</b> ) the OAS card or processor card. <b>THIS WILL CAUSE A SYSTEM REBOOT IF THE PROCESSOR CARD IS CURRENTLY SELECTED.</b>
07	PUB IP1			Set the public IP address (WAN address) of the first NAT router connected to the system.
08	PUB RTP1			Set the starting TCP/IP port (10000-60000) for voice traffic carried on the MPS channel for public connections using the first NAT router.
09	PUB IP2	<b>These settings are identical to PUB IP1 and PUB RTP1, but configure a second and third NAT router connected to the system. This is useful in cases where the LAN has multiple WAN connections and each are specialized for specific traffic.</b> <b>For example, if wireless IP handsets are on a separate wireless data network that requires NAT traversal to get to the system and there are also remote IP phones</b>		
10	PUB RTP2			
11	PUB IP3			

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OPTION	NAME	VALUE	DESCRIPTION
12	PUB RTP3		<i>that require NAT traversal from the internet, these additional public addresses allow both the remote IP phones and the wireless IP handsets to function even though the system's LAN would be seeing this traffic on 2 different WAN connections.</i>
13	IP VERSION		Show the IP version (IPv4 or IPv6) of <b>IP ADDRESS</b> . <i>This option is only available in OfficeServ 7100 and OfficeServ 7200-S systems.</i>

## OPENING DISPLAY

Press TRANSFER 843.  
Display shows.

**[MPS] LOCATION**  
**CAB:01 SLOT:01**

<b>DEFAULT DATA:</b>	<b>ALL LOCATIONS:</b>
	<b>IP ADDRESS: 0.0.0.0</b>
	<b>GATEWAY: 0.0.0.0</b>
	<b>SUB MASK: 255.255.255.0</b>
	<b>IP TYPE: PRIVATE ONLY</b>
	<b>LOCAL RTP: 40000</b>
	<b>CARD RESET: NO</b>
	<b>PUB IP1: 0.0.0.0</b>
	<b>PUB RTP1: 40000</b>
	<b>PUB IP2: 0.0.0.0</b>
	<b>PUB RTP2: 40000</b>
	<b>PUB IP3: 0.0.0.0</b>
	<b>PUB RTP3: 40000</b>
	<b>IP VERSION: IPV4</b>

**RELATED ITEMS:**    [MMC 831](#)    [MGI PARAMETERS](#)  
                              [MMC 861](#)    [SYSTEM OPTIONS](#)

# MMC: 844 UC IP PHONE INFORMATION

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.40 or Higher]

This MMC is reserved for future use, and allows the technician to configure advanced services for Unified Communications (UC) capable IP phones. These settings have no effect currently and are reserved for future applications.

OPTION	NAME	DESCRIPTION
0	XML SERVER URL	Set the XML content server IP address, DNS name, or URL.
1	LDAP SERVER URL	Set the LDAP server IP address, DNS name, or URL.
2	LDAP BASE DN	Set the base domain to use when logging in to and searching the LDAP server.
3	LDAP AUTH ID	Set the user ID to send when logging in to the LDAP server.
4	LDAP AUTH PW	Set the password for <b>LDAP AUTH ID</b> .
5	SNMP TRAP SERVER	Set the IP address, DNS name, or URL of the SNMP event monitoring server.
6	SNMP S/G SERVER	Set the IP address, DNS name, or URL of the SNMP set/get server.
7	SNMP COMMUNITY	Set the SNMP community name.

## OPENING DISPLAY

Press TRANSFER 844.  
Display shows.

**XML SERVER URL**

## MMC: 844

<b>DEFAULT DATA:</b>	<b>XML SERVER URL:</b>	<b>NONE</b>
	<b>LDAP SERVER URL:</b>	<b>NONE</b>
	<b>LDAP BASE DN:</b>	<b>NONE</b>
	<b>LDAP AUTH ID:</b>	<b>NONE</b>
	<b>LDAP AUTH PW:</b>	<b>NONE</b>
	<b>SNMP TRAP SERVER:</b>	<b>NONE</b>
	<b>SNMP S/G SERVER:</b>	<b>NONE</b>
	<b>SNMP COMMUNITY:</b>	<b>NONE</b>

**RELATED ITEMS:**    **NONE**

**MMC: 845-COMBO****WLI PARAMETERS****DESCRIPTION:****(NOT SUPPORTED ON OS 7400)****<WLAN Parameter>**

No.	Parameter	Description
00	SYSTEM ID	ID used to classify the system in the wireless environment. Different IDs are used according to the system(Mandatory entry item)
01	SYSTEM KEY	Key used to register a terminal. Different values should be used according to the system. If you change the default, you can use a wireless terminal and supply power to WBS24(Mandatory entry item)
02	1 <sup>st</sup> DNS IP	IP address of the 1 <sup>st</sup> Domain Name Server(DNS)
03	2 <sup>nd</sup> DNS IP	IP address of the 2 <sup>nd</sup> of Domain Name Server(DNS)
04	2 <sup>nd</sup> WBS IP	All IP addresses of WBS24 used by the wireless terminal in the system. Use the default if there is no IP collision with other devices connected to the same subnet
05	CODEC LIST	CODEC used in a VoIP call between WBS24 and WIP-5000M. Currently, it is possible to set G.729A only
06	RF CHANNEL	Sets the RF channel value available in WBS24
07	VERSION	Indicates the WLAN module version
08	TFTP SERV	Sets the server IP for WBS24 upgrade
09	TFTP FILE	Sets the file name for WBS24 upgrade
18	WBS TX PWR	Changes TX power of the entire WBS24. Level 1 is minimum, level 4 is maximum.
19	CLR WBSREG	Initializes the entire entry information on WBS24

**<WBS Parameter>**

No.	Parameter	Description
0	IP ADDRESS	The IP address for connecting the Ethernet for WBS24 (Mandatory entry item)
1	GATEWAY	Gateway address of the network in which WBS24 is installed (Mandatory entry item)

**MMC: 845-COMBO**

No.	Parameter	Description
2	NET MASK	Netmask of the network in which WBS24 is installed (Mandatory entry item)
3	MAC ADDR	WBS24 MAC address received by the system if WBS24 is connected
4	VERSION	Current software version of WBS24 connected to the system
5	STATUS	Alive operation status of WBS24 connected to the system
6	USE RF CH	RF channel number used in each WBS24
7	TX POWER	TX POWER of each WBS24. Level 1 is minimum, level 4 is maximum.
8	TIMEZONE	In case of WBS24(Basic), this parameter can be independently set at the area with a different time zone. This value is settings to correct time
8	PARA CLR	Initializes the WBS24 entry information

**Connecting WBS24**

WBS24 has two types, i.e. COMBO and BASIC. Two types of WBS24 is simultaneously unavailable in one system.

According to the AP type, CWBS is displayed if WBS24 is set to Combo, and BWBS if set to Basic on the LCD display. The AP type can be set in [AP TYPE] of [MMC 849].

**<SIP Parameter>**

Normally, use the default without change.

No.	Parameter	Description
0	RE-TRANS T1	When using Unreliable transmission protocol such as UDP, retransmission is performed if there is no response after transmission. RE-TRANS.T1 TIME is the Initial Retransmission Interval defined in RFC2543.
1	RE-TRANS T2	Maximum Retransmission Interval defined in RFC 2543.
2	RE-TRANS T4	Available for multiple purposes in RFC 2543. This parameter is used as time when User Agent Server(UAS) receives the ACK message and waits in the Unreliable transmission protocol.
3	GEN RING TM	In the Unreliable transmission protocol, it is not sure that the client receives a response after the server sends the last response. At this time, the server should retransmit a response during this time until it receives the requested retransmission. For example, it is the time to send INFO 200 OK and wait.
4	INV RING TM	In the Unreliable transmission protocol, it is not sure that the server receives the ACK message after the client sends INVITE Final Response ACK.

**MMC: 845-COMBO**

No.	Parameter	Description
		It is the waiting time after the client sends Final Response ACK.
5	GEN NO RESP	Waiting time before canceling the SIP Request.
6	INV NO RESP	Waiting time before canceling the SIP INVITE Request.
7	REQ RETRY	Waiting time before the final response to the SIP Request is received.
8	PROVISIONAL	When receiving the Provision Response, User Agent should wait during this time before Timeout expires.

**PRECONDITION**

None

**DEFAULT****<WLAN Parameter>**

No.	Parameter	Settings
0	SYSTEM ID	WBS24
1	SYSTEM KEY	00000
2	1 <sup>st</sup> DNS IP	0.0.0.0
3	2 <sup>nd</sup> DNS IP	0.0.0.0
4	2 <sup>nd</sup> WBS IP	168.208.144.10
5	CODEC LIST	CODEC 1: G.729A
6	RF CHANNEL	USE CH 1: 01
7	VERSION	-
8	TFTP SERV	0.0.0.0
9	TFTP FILE	WBS00000.TFP
18	WBS TX PWR	DEFAULT
19	CLR WBSREG	NO

**<WBS Option>**

Parameter	Settings
IP ADDRESS	0.0.0.0
GATEWAY	0.0.0.0
NET MASK	255.255.255.0
MAC ADDR	FFFF FFFF FFFF

**MMC: 845-COMBO**

Parameter	Settings
VERSION	-
STATUS	OFF
USE RF CH.	1, 6, 11 are arranged in sequence
TX POWER	DEFAULT
PARA CLR	NO

**<SIP Option>**

Parameter	Settings
RE-TRANS T1	000500 ms
RE-TRANS T2	004000 ms
RE-TRANS T4	005000 ms
GEN LING TM	006000 ms
INV LING TM	001000 ms
GEN NO RESP	005000 ms
INV NO RESP	006000 ms
REQ RETRY	005000 ms
PROVISIONAL	180000 ms

**OPENING DISPLAY**

Press TRANSFER 845.  
Display shows.

**845: WLAN PARA  
SELECT PROG ID**

**RELATED ITEMS:**    [MMC 846 WIP INFO](#)  
                          [MMC 847 WLAN RESET](#)  
                          [MMC 848 WLAN IP/MAC](#)

# MMC: 845-DUAL-BAND WLI PARAMETERS

## DESCRIPTION:

This program provides detail parameters for WLAN settings.

### <WLAN Parameter>

No.	Parameter	Description
01	CODEC LIST	CODEC used in a VoIP call between WBS24 and WIP-5000M. Currently, it is possible to set G.729A only
02	VERSION	Indicates the WLAN module version
03	MAX AP CH	Maximum channel per AP
04	WLAN SWITCH	Enable or disable the use of WLAN switch

According to the AP type, CWBS is displayed if WBS24 is set to Combo, and BWBS if set to Basic on the LCD display. The AP type can be set in [AP TYPE] of [MMC 849].

### <SIP Parameter>

Normally, use the default without change.

No.	Parameter	Description
1	GEN NO RESP	Waiting time before canceling the SIP Request.
2	INV NO RESP	Waiting time before canceling the SIP INVITE Request.
3	REQ RETRY	Waiting time before the final response to the SIP Request is received.
4	PROVISIONAL	When receiving the Provision Response, User Agent should wait during this time before Timeout expires.
5	RE-TRANS T1	When using Unreliable transmission protocol such as UDP, retransmission is performed if there is no response after transmission. RE-TRANS.T1 TIME is the Initial Retransmission Interval defined in RFC2543.
6	RE-TRANS T2	Maximum Retransmission Interval defined in RFC 2543.
7	RE-TRANS T4	Available for multiple purposes in RFC 2543. This parameter is used as time when User Agent Server(UAS) receives the ACK message and waits in the Unreliable transmission protocol.
8	GEN RING TM	In the Unreliable transmission protocol, it is not sure that the client receives a response after the server sends the last response. At this time, the server should retransmit a response during this time until it receives the

No.	Parameter	Description
		requested retransmission. For example, it is the time to send INFO 200 OK and wait.
9	INV RING TM	In the Unreliable transmission protocol, it is not sure that the server receives the ACK message after the client sends INVITE Final Response ACK. It is the waiting time after the client sends Final Response ACK.

## None

Press TRANSFER 845.  
Display shows.

**DEFAULT**

No.	Parameter	Settings
1	CODEC LIST	CODEC 1: G.729A
2	VERSION	-
3	MAX AP CH	00 (No Limitation)
4	WLAN SWITCH	Disable

Parameter	Settings
RE-TRANS T1	000500 ms
RE-TRANS T2	004000 ms
RE-TRANS T4	005000 ms
GEN LING TM	006000 ms
INV LING TM	001000 ms
GEN NO RESP	005000 ms
INV NO RESP	006000 ms
REQ RETRY	005000 ms
PROVISIONAL	180000 ms

**RELATED ITEMS:**   [MMC 846](#)   [WIP INFO](#)  
                       [MMC 848](#)   [WLAN IP/MAC](#)

## WIP INFO

[MMC846] is used to display the handset information and set some parameters. You can change USER ID, PASSWORD, and INSERT DGT.

No.	Parameter	Description
0	REGISTERED	Indicates whether the corresponding handset is registered
1	LOCATED	Indicates whether the corresponding handset is currently connected to the system
2	PHONE TYPE	Indicates the type of the corresponding handset phone
3	IP OFFSET	Location of the IP pool where the IP assigned to handset is located
4	IP ADDRESS	IP address assigned to the registered handset
5	MAC ADDR	MAC address of the registered handset
6	USER ID	Sets ID by the handset user
7	PASSWORD	Sets password by the handset user
8	INSERT DGT	If the number of digits you pressed when originating a call in handset is more than 5, the set INSERT DGT is inserted before the number you pressed. However, the number you pressed should not be C.O. Line number, C.O. Line group number, LCR, network LCR, or number starting with the function code

Press TRANSFER 846.  
Display shows.

**[3301] REGISTERED  
NO**

**DEFAULT DATA: NONE**

**RELATED ITEMS:**

- [MMC 845 WLAN PARA](#)
- [MMC 848 WLAN IP/MAC](#)
- [MMC 849 WLAN CONFIG](#)

## MMC: 848

## WIP LISTS

### DESCRIPTION:

[MMC848] is used to view a list of IP assigned to WLI or set a new IP. The IP list can be entered up to 100. In addition, [MMC848] is used to set the MAC address of the wireless data terminal in order to use the wireless LAN.

### OPENING DISPLAY

Press TRANSFER 848.  
Display shows.

**848: WLAN IP/MAC  
SELECT PROG ID**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 846 WIP INFO](#)  
                          [MMC 849 WLAN CONFIG](#)

# MMC: 849

# WLAN CONFIG

## DESCRIPTION:

This MMC is used to select AP type and de-register handsets.

Parameter	Description
REGISTER VoWLAN	Sets whether to permit the new registration of handsets. If this parameter is disabled, the new handset registration can not be started.
WIP REGIST CLEAR	Clears the registration according to handset. The De-registration mode includes 'FORCED' and 'NORAML'. The FORCED mode is used to clear the system-related DB in order to register a new handset due to the damage of handset. The NORMAL mode is used to clear both the system DB and handset DB by exchanging messages between the system and handset.
STATIC WIP IP	Sets whether to use a static IP in handset. This value should be set in advance before registering handset.
SELECT AP TYPE	Selects the AP type to be used. Only one type of AP is simultaneously available in one system. When changing the AP type, restart the system (Mandatory option item). This value should be set first when setting WLAN.

## OPENING DISPLAY

Press TRANSFER 849.  
Display shows.

**849: WLAN CONFIG**  
**SELECT PROG ID**

**DEFAULT DATA:**    **NONE**

**RELATED ITEMS:**    [MMC 846 WIP INFO](#)  
                          [MMC 848 WLAN IP/MAC](#)

## MMC: 850 SHOW SYSTEM RESOURCES

### DESCRIPTION:

This MMC is used to review available system resources. This is a READ ONLY MMC and will display the number of free and used system resources.

### SYSTEM RESOURCES

DTMFR DSP's	USE: XXX	FREE: XXX
CID (Caller ID) DSPs	USE: XXX	FREE: XXX
R2MFC DSP'S	USE: XXX	FREE: XXX
CONF GROUP'S	USE: XXX	FREE: XXX
MOBEX DSP'S	USE: XXX	FREE: XXX

### OPENING DISPLAY

Press TRANSFER 850.  
Display shows.

**DTMFR DSP's**  
**USE:000 FREE:004**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

## MMC: 851

## ALARM REPORTING

### DESCRIPTION:

This MMC is used to view, store, print or clear system alarms. There are two levels of faults displayed via alarm code, major alarms and minor alarms. Major alarms codes are usually service affecting and require a certified technician to determine the fault. A minor alarm indicates a fault that may or may not be service affecting and usually does not seriously degrade the systems operating capabilities. The alarm buffer will hold up to 100 alarms on a first in - first out (FIFO) basis. Alarms will provide a date and time stamp based on the system time. If applicable the hardware cabinet, port, and/or slot will be displayed.

### ALARM REPORTING OPTIONS (Select one of the options)

0	VIEW ALARM	View alarm buffer
1	OVERFLOW CONTROL	OVERWRITTEN – When buffer is full, the oldest entry in buffer overwritten.  STOP RECORDING – When buffer is full, stop recording alarms.
3	CLEAR ALARM BUF	Clears alarm buffer.
4	PRINT ALARM BUF	Prints contents of alarm buffer to the assigned alarm IO port.

### ALARM CODE LOCATION DEFINITION (See Alarm Code Table)

C: Cabinet number  
S: Slot number  
P: Port number

Note: Cabinet, slot and port do not apply to all alarm codes

## MMC: 851

### OPENING DISPLAY

Press TRANSFER 851.  
Display shows.

**SYS ALARM REPORT**  
**VIEW ALARMS**

**DEFAULT DATA:**    **ALARM BUFFER OVERWRITTEN**

**RELATED ITEMS:**    [\*\*MMC 852 ALARM KEY ASSIGNMENTS\*\*](#)

## MMC: 852 SYSTEM ALARM ASSIGNMENTS

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to assign system alarms to ring and display the alarms on stations that have the **SYSALM** button assigned in [MMC 722](#). Alarms not programmed to report to the System Alarm key will still be retained in the maintenance alarm buffer for Alarm Reporting ([MMC 851](#)), which holds up to 100 alarms on a First-In-First-Out (FIFO) basis. Pressing the System Alarm key will silence the audible alarm until another alarm is generated by the system.

OPTION	NAME	VALUE		DESCRIPTION
0	ALARM KEY/RING	0	OFF	Save the alarm to the log, but do not ring the SYSALM key.
		1	ON	Save the alarm to the log and ring the alarm to all station that have a SYSALM key.
1	NMS ALARM LEVEL <i>The NMS application is not sold in the US, so this setting has no effect.</i>	0	CR	Flag the alarm as Critical.
		1	MAJ	Flag the alarm as Major.
		2	MIN	Flag the alarm as Minor.
2	STATUS KEY/NAME	0	NO	Do not save the status message to the debug logs.
		1	YES	Save the status message to the debug logs.

The alarms that can be set differ by option. **ALARM KEY/RING** and **NMS ALARM LEVEL** share a common alarm list, but **STATUS KEY/NAME** uses a separate list of status conditions and warnings. See below for specific option lists.

**MMC: 852****ALARM KEY/RING and NMS ALARM LEVEL**

OPTION	CODE	NAME	NMS LVL	DESCRIPTION
001	MJA01	Power On Restart	WAR	The system has recovered from a powered off state.
002	MJA02	Button Restart	WAR	The system has recovered after the reset button was pressed.
003	MJA03	MMC Restart	WAR	The system has been defaulted by user request.
004	MJA04	MCP Reset	WAR	The system processor card has experienced a critical error and will reboot.
005	MJA05	LCP Restart	WAR	The cabinet processor card (LP40/LCP) has experienced a critical error and will reboot.
006	MJA06	PCM Switching	WAR	An error has occurred in the TDM switching circuit.
008	MJA08	FAN Out of Order	CR	A fan unit has experienced an error and is out of service.
009	MJA09	FAN Recovery	CR	A fan unit has recovered from an error.
010	MJA10	CPU Overload	CR	The system CPU is in an overload state.
011	MJA11	CPU Overload Rec	CR	The system CPU has recovered from an overload.
012	MJA12	FLASH FORMAT Err	WAR	The system NAND flash could not be formatted and cannot save data.
013	MJA13	Invalid MMC Halt	WAR	An invalid media card has been inserted into the system and the system has halted.
014	MJA14	DUAL PWR Error	WAR	The OfficeServ 7150 has failed.
015	MJA15	DUAL PWR Recovry	WAR	The OfficeServ 7150 has recovered from an error.
016	MJA16	D-PWR FAN Error	WAR	The fan unit in the OfficeServ 7150 has encountered an error.
017	MJA17	D-PWR FAN Recov	WAR	The fan unit in the OfficeServ 7150 has recovered from an error.
018	MJA18	PoE PWR Error	WAR	The Power over Ethernet supply has encountered an error.
019	MJA19	PoE PWR Recovry	WAR	The Power over Ethernet supply has recovered from an error.
020	MJA20	PoE FAN Error	WAR	The Power over Ethernet fan has encountered an error.
021	MJA21	PoE FAN Recovery	WAR	The Power over Ethernet fan has recovered from an error.

**MMC: 852**

OPTION	CODE	NAME	NMS LVL	DESCRIPTION
022	MJA22	PoE Battrry Error	WAR	The Power over Ethernet backup battery has failed.
023	MJA23	PoE Battrry Recov	WAR	The Power over Ethernet backup battery has recovered from an error.
024	MJA24	MAIN PWR Error	WAR	The system power supply has encountered an error.
025	MJA25	MAIN PWR Recovry	WAR	The system power supply has recovered from an error.
026	MJA26	MEDIA NOT UNMOUNT	WAR	The system media card was removed without being unmounted first.
027	MJA27	SYS Overheat	CR	The system has overheated.
028	MJA28	SYS High Temp	CR	The system is in a high temperature state and will soon overheat.
029	MJA29	SYS Normal Temp	CR	The system has returned to normal temperature.
030	MJA30	PCM SW Init Fail	CR	The system TDM switching circuit has failed to initialize.
031	MJA31	PCM SW Init Rec	CR	The system TDM switching circuit has recovered from an initialization error.
032	MJB01	HDLC Comm Error	WAR	Communications to an expansion cabinet have been lost.
033	MJB02	Memory Alarm	WAR	A RAM diagnostic test has failed.
037	MJB06	IPC MSGQ Over	MAJ	The IPC message stack has overloaded.
038	MJB07	IPC MSGQ Under	MAJ	The IPS message stack has recovered from an overload.
041	MJC01	DTMF Fault	WAR	An error has occurred in a DTMF tone generator.
042	MJC02	Tone Fault	WAR	An error has occurred in the system hold tone generator.
043	MJC03	CID DSP Fault	WAR	A caller ID DSP has encountered an error.
046	MJC06	AC Pwr Loss	MAJ	A/C power to the system has been lost.
047	MJC07	AC Pwr Recovery	MAJ	A/C power to the system has been restored.
048	MJC08	Low Battery	WAR	The system backup battery is reporting low voltage.
049	MJC09	Low Battery Rec	MAJ	The system backup battery has recovered from a low voltage state.
056	MJC16	WLI Restart	WAR	A WLI card has been restarted.
057	MJC17	WLI Block	WAR	A WLI card is in an error state.

**MMC: 852**

OPTION	CODE	NAME	NMS LVL	DESCRIPTION
058	MJC18	D-BD Init Fault	MAJ	A daughter-board has failed to initialize.
059	MJC19	D-BD Init Rec	MAJ	A daughter-board has recovered from an initialization failure.
060	MJC20	Card Init Fault	MAJ	A card has failed to initialize.
061	MJC21	Card Init Rec	MAJ	A card has recovered from an initialization failure.
062	MJD01	Sync Failure	MAJ	A PRI span has lost clock synchronization.
063	MJD02	Sync Recovery	MAJ	A PRI span has recovered from a loss of clock synchronization.
064	MJD03	Red Alarm	MAJ	The switching stack on a TEPRI/TEPRIa/TEPRI2 card has failed.
065	MJD04	Red Alarm Rec	MAJ	The switching stack on a TEPRI/TEPRIa/TEPRI2 card has recovered from an error.
066	MJD05	Yellow Alarm	MIN	An error has been received from the CO provider connected to a TEPRI/TEPRIa/TEPRI2 card.
67	MJD06	Yellow Alarm Rec	MIN	An error has been cleared from the CO provider connected to a TEPRI/TEPRIa/TEPRI2 card.
068	MJD07	Blue Alarm	MIN	A TEPRI/TEPRIa/TEPRI2 card is receiving all 1's from the CO.
069	MJD08	Blue Alarm Rec	MIN	A TEPRI/TEPRIa/TEPRI2 card is receiving normal data from the CO.
070	MJD09	Bit Error Alarm	WAR	The error rate on a T1 or PRI span has exceeded thresholds.
072	MJD11	SPID Init Error	MIN	The BRI span has received an error from the network.
073	MJD12	SPID Init Rec	MIN	The BRI span has recovered from a network error.
074	MJD13	LPBK Error	MIN	The internal loopback circuit has failed.
075	MJD14	LPBK Recovery	MIN	The internal loopback circuit has recovered from a failure.
076	MJD15	BRI DL Unavail	MIN	The BRI data link is out of service.
077	MJD16	BRI DI Recovery	MIN	The BRI data link has returned to service.
079	MJD18	T1 Restart	WAR	A T1 card has been restarted.
080	MJD19	PRI Restart	WAR	A PRI card has been restarted.
081	MJD20	BRI Restart	WAR	A BRI card has restarted.

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OPTION	CODE	NAME	NMS LVL	DESCRIPTION
082	MJD21	PCM Loss	MAJ	A PRI or T1 circuit has lost PCM coding to the network.
083	MJD22	PCM Recovery	MAJ	A PRI or T1 circuit has recovered from a loss of PCM coding.
084	MJD23	L2 Disconnect	MAJ	A PRI span has lost Layer 2 synchronization.
085	MJD24	L2 Connect	MAJ	A PRI span has recovered from a Layer 2 synchronization error.
086	MJE01	MGI Restart	WAR	An MGI/MGI16/MGI64 card has been restarted.
088	MJE03	MGI IP Duplicate	WAR	An MGI/MGI16/MGI64 card has encountered an error because of a duplicate IP address on the network.
089	MJE04	MGI NTWK Error	MAJ	An MGI/MGI16/MGI64 card has lost data connectivity.
090	MJE05	MGI NTWK Rec	MAJ	Data connectivity has been restored to an MGI/MGI16/MGI64 card.
91	MJE06	MGI DSP Error	MAJ	A DSP on an MGI/MGI16/MGI64 card has encountered an error.
092	MJE07	MGI DSP Run	MAJ	A DSP on an MGI/MGI16/MGI64 card has recovered from an error.
093	MJE08	WBS Disconnect	WAR	A wireless access point has been disconnected.
094	MJE09	WBS connect	WAR	A wireless access point has been connected.
095	MJE10	SVMi Restart	WAR	A request to restart the Samsung Voicemail has been received.
096	MJE11	SVMi Halt	WAR	The Samsung Voicemail is shutting down.
097	MJE12	SVMi Down	WAR	The Samsung Voicemail is offline.
098	MJE13	MGI Self Restart	WAR	The MGI has triggered a self-reboot.
099	MJE14	MPS Restart	WAR	The Media Proxy Service has restarted.
100	MJE15	MPS Stop	WAR	The Media Proxy Service has been stopped.
105	MJE20	OAS Start	WAR	The Optional Application Services card has started and is ready.
109	MNF01	Card Out	WAR	A card has been removed from the system.
110	MNF02	Card In	WAR	A card has been inserted into the system.
112	MNF04	Trunk Fault	MIN	An analog trunk line is in an error state.

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OPTION	CODE	NAME	NMS LVL	DESCRIPTION
113	MNF05	Trunk Recovery	MIN	An analog trunk line has recovered from an error.
114	MNF06	Trunk Disconnect	MIN	An analog trunk has been disconnected.
115	MNF07	Trunk Connect	MIN	An analog trunk line has been connected.
118	MNF10	T1 Out Of Srv	MIN	A T1 span is out of service.
119	MNF11	T1 In Service	MIN	A T1 span has come into service.
122	MNF14	TODC Error	WAR	The internal system clock has encountered an error.
126	MNF18	SLI Fault	MIN	A Single Line Telephone port has experienced an error.
127	MNF19	SLI Recovery	MIN	A Single Line Telephone port has recovered from an error.
136	MNF28	LAN Printer Err	WAR	The connection to a LAN printer has errored.
137	MNF29	LAN Printer Rec	WAR	The connection to a LAN printer has been restored.
138	MNF30	SPNet Link Error	WAR	SPNet was unable to communicate with a destination node.
139	MNF31	SPNet Send Error	WAR	SPNet was unable to message to a destination node.
140	MNF32	SVMi Ready	STS	The Samsung Voicemail has finished booting and is initializing.
141	MNF33	SVMi Request	STS	The Samsung Voicemail is requesting data from the system.
142	MNF34	SVMi Ready End	STS	The Samsung Voicemail has completed initialization and is ready to receive calls.
143	MNF35	SVMi Request End	STS	The Samsung Voicemail has completed downloading system information.
144	MNF36	SVMi HDD Alarm	WAR	The Samsung Voicemail hard drive has exceeded storage thresholds.
145	MNF37	Manual Reset Req	STS	A system reboot request has been initiated from <a href="#">MMC 811</a> .
146	MNF38	Card Active	STS	A universal card slot has become active.
147	MNF39	MEDIA CARD IN	WAR	The media card has been reinserted into the system.
148	MNF40	MEDIA CARD OUT	WAR	The media card has been removed from the system after being unmounted.
149	MNF41	SYS FAN Stop	WAR	The system fan has been stopped.
150	MNF42	SYS FAN Run	WAR	The system fan has started.

**MMC: 852****STATUS KEY/NAME**

OPTION	CODE	NAME	DESCRIPTION
01	MNG01	Phone Disconnect	A station has disconnected from the system.
02	MNG02	Phone Connect	A station has connected to the system.
03	MNG03	Off Hook Alarm	A station has gone off hook.
04	MNG04	On Hook	A station has been placed on hook.
05	MNG05	MGI Packet Loss	The Media Gateway Interface channel has reported lost IP packets.
06	MNG06	MGI Packet Delay	The Media Gateway Interface channel has reported IP packets being delayed.
07	MNG07	KTSMR Buf Alarm	The SMDR buffer has been filled.
08	SYS01	System Halt Set	A system halt has been initiated.
09	SYS02	System Halt Clr	The system has returned to an active state.
10	SYS03	Cabinet Halt Set	A cabinet halt has been initiated.
11	SYS04	Cabinet Halt Clr	A cabinet has returned to an active state.
12	SYS05	Slot Halt Set	A slot halt has been initiated.
13	SYS06	Slot Halt Clr	A slot has returned to an active state.
14	SYS07	Maint Busy Set	Maintenance busy has been initiated.
15	SYS08	Maint Busy Clear	Maintenance Busy has been cleared.
16	SYS09	SIP Server Disc	The connection to the SIP server has been lost.
17	SYS10	SIP Server Conn	The SIP Server connection has been established.
18	SYS11	Gatekeeper Disc	The H.323 Gatekeeper has disconnected.
19	SYS12	Gatekeeper Conn	The H.323 Gatekeeper has connected.
20	SYS13	CTI Disconnect	The OfficeServ Link application has disconnected.
21	SYS14	CTI Connect	The OfficeServ Link application has connected.
22	SYS15	UCD Data Clear	The UCD report data has been cleared from an <b>SP</b> button.
23	SYS16	Alarm Buff Clear	The Alarm Buffer has been manually cleared from <a href="#">MMC 829</a> .
24	SYS17	System KMMC In	A station has logged in to technician level programming.

**MMC: 852**

OPTION	CODE	NAME	DESCRIPTION
25	SYS18	System KMMC Out	A station has logged out of technician level programming.
26	SYS19	PCMMC Connect	The Installation Tool application has connected.
27	SYS20	PCMMC Disconnect	The Installation Tool application has disconnected.
28	SYS21	AFS Reset Clear	The system has recovered from a reboot requested by the Installation Tool.
29	STN01	Set Relocation	The Set Relocation feature has been activated from the <b>SRELOC</b> feature code from <a href="#">MMC 724</a> or through <a href="#">MMC 315</a> .
30	STN02	ITP Connect	A wired IP phone has connected to the system.
31	STN03	ITP Disconnect	A wired IP phone has disconnected from the system.
32	STN04	Wake-Up Set	A Wake-Up Call has been set from the Hotel/Motel feature.
33	STN05	Wake-Up Clear	A Hotel/Motel Wake-Up Call has been cleared by a guest phone.
34	STN06	Wake-Up Ring	A Hotel/Motel Wake-Up Call is ringing to a guest phone.
35	STN07	Wake-Up Answer	A Hotel/Motel Wake-Up Call has been answered by a guest phone.
36	STN08	In Group	A station has logged in to a Station Group.
37	STN09	Out Group	A station has logged out of a Station Group.
38	STN10	Station KMMC In	A station has logged in to the 100's MMC's (user MMC's).
39	STN11	Station KMMC Out	A station has logged out of the 100's user MMC's.
40	STN12	EasySet Login	The OfficeServ EasySet application has logged in.
41	STN13	EasySet Update	The OfficeServ EasySet application has updated a station setting.
42	STN14	DND Set	A station has activated Do Not Disturb.
43	STN15	DND Clear	A station has left Do Not Disturb status.
44	STN16	Station Locked	A station has initiated a Station Lock from <a href="#">MMC 100</a> .
45	STN17	Station Unlock	A Station Lock has been cleared from a station.
46	STN18	FWD ALL Set	All Call Forwarding has been activated at a station.
47	STN19	FWD ALL Clear	All Call Forwarding has been cleared from a station.

## MMC: 852

### OPENING DISPLAY

Press TRANSFER 852.  
Display shows.

**SYSTEM ALARM KEY**  
**ALARM KEY/RING**

<b>DEFAULT DATA:</b>	<b>ALARM KEY/RING:</b>	<b>ALL ALARMS: OFF</b>
	<b>NMS ALARM LEVEL:</b>	<b>SEE ABOVE</b>
	<b>STATUS KEY/NAME:</b>	<b>ALL ALARMS: YES</b>

**RELATED ITEMS**

- [MMC 501 SYSTEM TIMERS \(ALARM REMINDER INTERVAL, ALARM REMINDER RING OFF TIMERS\)](#)
- [MMC 722 STATION KEY ASSIGNMENT](#)
- [MMC 723 SYSTEM WIDE KEY ASSIGNMENTS](#)
- [MMC 851 SYSTEM ALARM REPORTING](#)
- [MMC 853 MAINTENANCE BUSY](#)

## MMC: 853

## MAINTENANCE BUSY

### DESCRIPTION:

This MMC is used to place stations, trunks, and common resources equipment in a maintenance busy condition. This can be used to isolate suspected intermittent problem equipment. Stations placed in maintenance busy will behave like a station in DND when called. The calling stations display (if equipped) will show "MADE BUSY" when called. Stations receiving DID or E&M type calls will receive a DND/ No more calls tone. The station display will still function with station and date. When the busy station is accessed, it will function like a locked out station. Trunks made busy can not originate calls. Ring down type trunks will still ring the programmed destination. Common resource equipment such as DSP's, CID DSP's and miscellaneous equipment such as page ports, voice mail card ports can also be placed in a maintenance busy state.

### MAINTENANCE BUSY OPTIONS

0. TRK	=	Trunks
1. STN	=	Stations
2. PAGE	=	Page Ports
4. DTMFR:DSP	=	DSP # 01-48
5. CID:DSP	=	CID DSP # 01-42
6. R2MFC:DSP	=	R2MFC:DSP # 01-08
7. CONF:GRP	=	CONF:GRP #01-24
8. MGI	=	MGI Channels
9.MOBX:DSP	=	MOBEX DSP Resources (for Executive MOBEX) on OAS Card

NOTE: Selectable conditions      0 = idle state  
   1 = busy state

NOTE: In cases of DSP/ CID DSP selection when DSP is not mounted display will show NONE. If mounted display will show IDLE by default.

### OPENING DISPLAY

Press TRANSFER 853.  
Display shows busy functions.

**MAINTENCE BUSY**  
**TRK :NONE ->**

## MMC: 853

**DEFAULT DATA:**    **ALL IDLE**

**RELATED ITEMS:**    [MMC 851 ALARM REPORTING](#)  
                              [MMC 852 ALARM KEY ASSIGNMENTS](#)

## MMC: 854

## DIAGNOSTIC TIME

### DESCRIPTION:

Provides a means to set the OfficeServ 7000 Series Diagnostic Time. The OfficeServ 7000 Series diagnostics tests include memory audits, internal loopback tests on digital trunks, DSP, CID DSP. Additional tests include CODEC tests on analog trunk and station cards and tone tests. If the diagnostics cannot complete the tests because of system traffic, the system will abort the test and retry during the next programmed diagnostic time. It is recommended to assign the diagnostic time during non-peak traffic periods.

### DIAL PAD DAY SELECTION:

0= Sunday

2 = Tuesday

4 = Thursday

6 = Saturday

1= Monday

3 = Wednesday

5 = Friday

### OPENING DISPLAY

Press TRANSFER 854.  
Display shows.

**DIAGNOSTIC TIME**  
**SUN:    :**

**DEFAULT DATA:    NO DIAGNOSTIC TIME SET**

**RELATED ITEMS:**    [MMC 852 MAINTENANCE ALARMS](#)  
                          [MMC 853 ALARM KEY ASSIGNMENTS](#)

## MMC: 855 SYSTEM HARDWARE OPTIONS

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION: *[THIS IS A READ ONLY MMC]*

This MMC provides a means to review miscellaneous hardware and daughter-boards installed in the system. This enables the technician to review the available hardware without having to dismantle or power down the system.

### OPENING DISPLAY

Press TRANSFER 855.  
Display shows.

**SYSTEM OPTIONS**  
**C1-LP LOC 1:CRM**

**DEFAULT DATA:     NONE**

**RELATED ITEMS:     NONE**

## MMC: 856      TECH PROGRAMMING LOGS

### DESCRIPTION:

This MMC lists the date, time and entry location of the last 8 times that technician programming was accessed. This will allow a technician to determine if there was unauthorised access to system programming and where this access occurred. The information stored in this log will consist of 2 elements, the date and time it occurred at and the access location.

There are 4 types of access location information as described below:

NNNN      This would be the extension number of a keyset that had accessed programming directly.

LAN      This would indicate that programming was accessed by OfficeServ™ WebMMC via the LAN connection.

### OPENING DISPLAY

Press TRANSFER 856.  
Display shows.

(1)	10/30	01:24
207:	10/30	01:25

**DEFAULT DATA:**      NONE

**RELATED ITEMS:**      NONE

# MMC: 857

# VIRTUAL CABINETS

## MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

## DESCRIPTION: [Applies to V4.30 or Higher]

This MMC allows the technician to configure Virtual Cabinet slots. Virtual Cabinets contain devices that are not physical such as SIP trunks, Virtual Single Line Phones, or MOBEX stations. Because these devices are not tied to a physical port they are considered to be virtual devices and as such reside in a Virtual Cabinet.

The available virtual cabinet assignments are as follows:

OPTION	DESCRIPTION
SLT	Virtual extension (Single Line Telephone)
DGP	Virtual extension (Digital Telephone )
WIRED ITP	Wired IP Phone extensions
WLAN ITP	Wireless IP handset extensions
SIP STN	SIP Station extensions
SIP APPL	SIP Application ports used for OfficeServ IP-UMS <i>Only available in OfficeServ 7200 and OfficeServ 7400 systems</i>
GCONF STN	Group Conference station resources
SPNET TRK	SPNet trunks for IP networking between OfficeServ systems
SIP TRK	SIP Trunk numbers
H323 TRK	H.323 Trunk numbers <b>[NOT SUPPORTED ON OS 7030]</b>
MOBEX STN	MOBEX station extensions <i>Not available in an OfficeServ 7200 system using an MCP processor card.</i>

**MMC: 857**

**NOTE:** Configuration in this MMC directly affects the appearance in the numbering plan (**MMC 724**) for these devices.

Virtual Cabinet details are as follows (by system type):

**OfficeServ 7030**

The OfficeServ 7030 has 5 Virtual Cabinets numbered 1 through 5. Virtual Cabinet 1 has 2 slots, numbered 2 and 3, with 4 ports per slot. Virtual Cabinet 2 has 3 slots, numbered 1 through 3, with 4 ports per slot. Virtual Cabinets 3, 4, and 5 have 5 slots, numbered 1 through 5, with 4 ports per slot.

The available Virtual Cabinet assignments are shown below, with defaults highlighted in green:

Virtual Cabinet	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5
1		WIRED ITP	WIRED ITP		
		WLAN ITP	WLAN ITP		
		SIP STN	SIP STN		
2	WIRED ITP	WIRED ITP	WIRED ITP		
	WLAN ITP	WLAN ITP	WLAN ITP		
	SIP STN	SIP STN	SIP STN		
3	SLT	DGP	DGP	GCONF STN	GCONF STN
	DGP	SLT	SLT	SLT	SLT
	GCONF STN	GCONF STN	GCONF STN	DGP	DGP
	MOBEX STN	MOBEX STN	MOBEX STN		
4	SPNET TRK	SIP TRK	SIP TRK	DGP	DGP
	GCONF STN	GCONF STN	GCONF STN	MOBEX STN	MOBEX STN
		SPNET TRK			
5	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
	DGP	DGP	DGP	DGP	DGP

**NOTE:** Cabinet 1, slots 2 and 3, is different because these 2 slots can be used as a virtual slot or as a physical slot with the 2DM/4DM/4LM/4SM hardware installed. When used as a virtual slot, no hardware (physical) card should be installed.

Cabinet 1, slot 1 and cabinet 2 slot 1 only provide 2 channels per slot.

**MMC: 857****OfficeServ 7100**

The OfficeServ 7100 has 6 Virtual Cabinets numbered 2 through 7. Each Virtual Cabinet has 3 slots, numbered 1 through 3, with 8 ports per slot.

The available Virtual Cabinet assignments are shown below, with defaults highlighted in green:

Virtual Cabinet	Slot 1	Slot 2	Slot 3
2	<b>SLT</b>	<b>DGP</b>	<b>DGP</b>
	DGP	SLT	SLT
	WIRED ITP	WIRED ITP	WIRED ITP
	WLAN ITP	WLAN ITP	WLAN ITP
	SIP STN	SIP STN	SIP STN
	MOBEX STN	MOBEX STN	MOBEX STN
3	<b>WIRED ITP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>
	SLT	WLAN ITP	WLAN ITP
	DGP	SIP STN	SIP STN
	WLAN ITP	SPNET TRK	SPNET TRK
	SIP STN	SIP TRK	SIP TRK
	MOBEX STN	MOBEX STN	MOBEX STN
4	<b>WLAN ITP</b>	<b>NONE</b>	<b>GCONF STN</b>
	WIRED ITP	GCONF STN	SPNET TRK
	SIP STN	SPNET TRK	SIP TRK
	SPNET TRK	SIP TRK	MOBEX STN
	SIP TRK	MOBEX STN	
	MOBEX STN		
5	<b>SPNET TRK</b>	<b>SIP TRK</b>	<b>H323 TRK</b>
	GCONF STN	GCONF STN	GCONF STN
	SIP TRK	SPNET TRK	SPNET TRK
	H323 TRK	H323 TRK	SIP TRK
6	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>
	DGP	DGP	DGP
7	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>
	DGP	DGP	DGP

**MMC: 857****OfficeServ 7200-S**

The OfficeServ 7200-S has 5 Virtual Cabinets numbered 2 through 6. Each Virtual Cabinet has 6 slots, numbered 1 through 6, with 8 ports per slot.

The available Virtual Cabinet assignments are shown below, with defaults highlighted in green:

Virtual Cabinet	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
2	<b>SLT</b>	<b>SLT</b>	<b>DGP</b>	<b>DGP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>
	DGP	DGP	SLT	SLT	WLAN ITP	WLAN ITP
	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	SIP STN	SIP STN
					MOBEX STN	MOBEX STN
3	<b>WIRED ITP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>	<b>WIRED ITP</b>
	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP
	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN
	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
4	<b>NONE</b>	<b>GCONF STN</b>	<b>SPNET TRK</b>	<b>SPNET TRK</b>	<b>SIP TRK</b>	<b>H323 TRK</b>
	GCONF STN		GCONF STN	GCONF STN	SPNET TRK	SPNET TRK
			SIP TRK	SIP TRK	H323 TRK	SIP TRK
				H323 TRK		
5	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>
6	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>	<b>MOBEX STN</b>

**MMC: 857****OfficeServ 7200**

The OfficeServ 7200 has 6 Virtual Cabinets numbered 3 through 8. Each Virtual Cabinet has 6 slots, numbered 1 through 6, with 8 ports per slot.

**NOTE:** The MOBEX feature is only available in the OS7200 when using the MP20 processor card. No references to MOBEX will be displayed when using the MCP processor card

The available Virtual Cabinet assignments are shown below, with defaults highlighted in green:

Virtual Cabinet	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6
3	SLT	SLT	DGP	DGP	WIRED ITP	WIRED ITP
	DGP	DGP	SLT	SLT	SLT	SLT
	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP	DGP	DGP
	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP
	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN
	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
4	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP
	SLT	SLT	DGP	DGP	DGP	DGP
	DGP	DGP	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP
	WLAN ITP	WLAN ITP	SIP STN	SIP STN	SIP STN	SIP STN
	SIP STN	SIP STN	SIP APPL	SIP APPL	SIP APPL	SIP APPL
	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
5	WLAN ITP	WLAN ITP	WLAN ITP	WLAN ITP	NONE	NONE
	DGP	DGP	DGP	DGP	GCONF STN	GCONF STN
	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP	SPNET TRK	SPNET TRK
	SIP STN	SIP STN	SIP STN	SIP STN	SIP TRK	SIP TRK
	SIP APPL	SIP APPL	SIP APPL	SIP APPL	MOBEX STN	MOBEX STN
	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN		
6	GCONF STN	GCONF STN	SPNET TRK	SPNET TRK	SIP TRK	H323 TRK
	SPNET TRK	SPNET TRK	GCONF STN	GCONF STN	GCONF STN	GCONF STN
	SIP TRK	SIP TRK	SIP TRK	SIP TRK	SPNET TRK	SPNET TRK
			H323 TRK	H323 TRK	H323 TRK	SIP TRK
7	DGP	DGP	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
	MOBEX STN	MOBEX STN	DGP	DGP	DGP	DGP
8	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
	DGP	DGP	DGP	DGP	DGP	DGP

**MMC: 857****OfficeServ 7400**

The OfficeServ 7400 has 3 Virtual Cabinets numbered 4, 5, and 6. Each Virtual Cabinet has 12 slots, numbered 1 through 12, with 32 ports per slot.

The available Virtual Cabinet assignments are shown below, with defaults highlighted in green:

Virtual Cabinet	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8	Slot 9	Slot 10	Slot 11	Slot 12
4	SLT	SLT	DGP	DGP	WIRED ITP	WIRED ITP	WIRED ITP	WLAN ITP	WLAN ITP	WLAN ITP	WIRED ITP	WIRED ITP
	DGP	DGP	SLT	SLT	SLT	SLT	SLT	SLT	DGP	DGP	DGP	DGP
	WIRED ITP	WIRED ITP	WIRED ITP	WIRED ITP	DGP	DGP	DGP	DGP	WIRED ITP	WIRED ITP	WLAN ITP	WLAN ITP
	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN	SIP STN	WLAN ITP	WIRED ITP	SIP STN	SIP STN	SIP STN	SIP STN
			SIP APPL	SIP APPL	SIP APPL	SIP APPL	SIP STN	SIP STN	SIP APPL	SIP APPL	MOBEX STN	MOBEX STN
					MOBEX STN	MOBEX STN	SIP APPL	SIP APPL	MOBEX STN	MOBEX STN		
5	WIRED ITP	WIRED ITP	WIRED ITP	NONE	NONE	GCONF STN	SPNET TRK	SPNET TRK	SIP TRK	SIP TRK	H323 TRK	H323 TRK
	DGP	DGP	DGP	GCONF STN	GCONF STN	SPNET TRK	GCONF STN	GCONF STN	GCONF STN	GCONF STN	SPNET TRK	SIP TRK
	SIP STN	SIP STN	SIP STN	MOBEX STN	SPNET TRK	SIP TRK	SIP TRK	SIP TRK	SPNET TRK	SPNET TRK	SIP TRK	
	MOBEX STN	MOBEX STN	MOBEX STN		MOBEX STN							
6	DGP	DGP	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN	MOBEX STN
	MOBEX STN	MOBEX STN	DGP	DGP	DGP	DGP	DGP	DGP	DGP	DGP	DGP	DGP

**OPENING DISPLAY**

Press TRANSFER 857.  
Display shows.

**C4-S01:SLT**  
**SLT**

**DEFAULT DATA: OfficeServ 7030**

**CABINET 1**

**SLOT 2: WIRED ITP**

**SLOT 3: WIRED ITP**

**CABINET 2**

**SLOT 1: WIRED ITP**

**SLOT 2: WIRED ITP**

**SLOT 3: WIRED ITP**

## MMC: 857

### CABINET 3

SLOT 1:	SLT
SLOT 2:	DGP
SLOT 3:	DGP
SLOT 4:	GCONF STN
SLOT 5:	GCONF STN

### CABINET 4

SLOT 1:	SPNET TRK
SLOT 2:	SIP TRK
SLOT 3:	SIP TRK
SLOT 4:	DGP
SLOT 5:	DGP

### CABINET 5

SLOT 1:	MOBEX STN
SLOT 2:	MOBEX STN
SLOT 3:	MOBEX STN
SLOT 4:	MOBEX STN
SLOT 5:	MOBEX STN

## OfficeServ 7100

### CABINET 2

SLOT 1:	SLT
SLOT 2:	DGP
SLOT 3:	DGP

### CABINET 3

SLOT 1:	WIRED ITP
SLOT 2:	WIRED ITP
SLOT 3:	WIRED ITP

### CABINET 4

SLOT 1:	WLAN ITP
SLOT 2:	NONE
SLOT 3:	GCONF STN

### CABINET 5

SLOT 1:	SPNET TRK
SLOT 2:	SIP TRK
SLOT 3:	H323 TRK

### CABINET 6

SLOT 1:	MOBEX STN
SLOT 2:	MOBEX STN
SLOT 3:	MOBEX STN

**MMC: 857**

**CABINET 7**

<b>SLOT 1:</b>	<b>MOBEX STN</b>
<b>SLOT 2:</b>	<b>MOBEX STN</b>
<b>SLOT 3:</b>	<b>MOBEX STN</b>

**OfficeServ 7200-S**

**CABINET 2**

<b>SLOT 1:</b>	<b>SLT</b>
<b>SLOT 2:</b>	<b>SLT</b>
<b>SLOT 3:</b>	<b>DGP</b>
<b>SLOT 4:</b>	<b>DGP</b>
<b>SLOT 5:</b>	<b>WIRED ITP</b>
<b>SLOT 6:</b>	<b>WIRED ITP</b>

**CABINET 3**

<b>SLOT 1:</b>	<b>WIRED ITP</b>
<b>SLOT 2:</b>	<b>WIRED ITP</b>
<b>SLOT 3:</b>	<b>WIRED ITP</b>
<b>SLOT 4:</b>	<b>WIRED ITP</b>
<b>SLOT 5:</b>	<b>WIRED ITP</b>
<b>SLOT 6:</b>	<b>WIRED ITP</b>

**CABINET 4**

<b>SLOT 1:</b>	<b>NONE</b>
<b>SLOT 2:</b>	<b>GCONF STN</b>
<b>SLOT 3:</b>	<b>SPNET TRK</b>
<b>SLOT 4:</b>	<b>SPNET TRK</b>
<b>SLOT 5:</b>	<b>SIP TRK</b>
<b>SLOT 6:</b>	<b>H323 TRK</b>

**CABINET 5**

<b>SLOT 1:</b>	<b>MOBEX STN</b>
<b>SLOT 2:</b>	<b>MOBEX STN</b>
<b>SLOT 3:</b>	<b>MOBEX STN</b>
<b>SLOT 4:</b>	<b>MOBEX STN</b>
<b>SLOT 5:</b>	<b>MOBEX STN</b>
<b>SLOT 6:</b>	<b>MOBEX STN</b>

**CABINET 6**

<b>SLOT 1:</b>	<b>MOBEX STN</b>
<b>SLOT 2:</b>	<b>MOBEX STN</b>
<b>SLOT 3:</b>	<b>MOBEX STN</b>
<b>SLOT 4:</b>	<b>MOBEX STN</b>
<b>SLOT 5:</b>	<b>MOBEX STN</b>
<b>SLOT 6:</b>	<b>MOBEX STN</b>

**MMC: 857**

**OfficeServ 7200**

**CABINET 3**

SLOT 1: SLT  
SLOT 2: SLT  
SLOT 3: DGP  
SLOT 4: DGP  
SLOT 5: WIRED ITP  
SLOT 6: WIRED ITP

**CABINET 4**

SLOT 1: WIRED ITP  
SLOT 2: WIRED ITP  
SLOT 3: WIRED ITP  
SLOT 4: WIRED ITP  
SLOT 5: WIRED ITP  
SLOT 6: WIRED ITP

**CABINET 5**

SLOT 1: WLAN ITP  
SLOT 2: WLAN ITP  
SLOT 3: WLAN ITP  
SLOT 4: WLAN ITP  
SLOT 5: NONE  
SLOT 6: NONE

**CABINET 6**

SLOT 1: GCONF STN  
SLOT 2: GCONF STN  
SLOT 3: SPNET TRK  
SLOT 4: SPNET TRK  
SLOT 5: SIP TRK  
SLOT 6: H323 TRK

**CABINET 7**

SLOT 1: DGP  
SLOT 2: DGP  
SLOT 3: MOBEX STN  
SLOT 4: MOBEX STN  
SLOT 5: MOBEX STN  
SLOT 6: MOBEX STN

**CABINET 8**

SLOT 1: MOBEX STN  
SLOT 2: MOBEX STN  
SLOT 3: MOBEX STN  
SLOT 4: MOBEX STN  
SLOT 5: MOBEX STN  
SLOT 6: MOBEX STN

**MMC: 857**

**OfficeServ 7400**

**CABINET 4**

SLOT 1:	SLT
SLOT 2:	SLT
SLOT 3:	DGP
SLOT 4:	DGP
SLOT 5:	WIRED ITP
SLOT 6:	WIRED ITP
SLOT 7:	WIRED ITP
SLOT 8:	WLAN ITP
SLOT 9:	WLAN ITP
SLOT 10:	WLAN ITP
SLOT 11:	WIRED ITP
SLOT 12:	WIRED ITP

**CABINET 5**

SLOT 1:	WIRED ITP
SLOT 2:	WIRED ITP
SLOT 3:	WIRED ITP
SLOT 4:	NONE
SLOT 5:	NONE
SLOT 6:	GCONF STN
SLOT 7:	SPNET TRK
SLOT 8:	SPNET TRK
SLOT 9:	SIP TRK
SLOT 10:	SIP TRK
SLOT 11:	H323 TRK
SLOT 12:	H323 TRK

**CABINET 6**

SLOT 1:	DGP
SLOT 2:	DGP
SLOT 3:	MOBEX STN
SLOT 4:	MOBEX STN
SLOT 5:	MOBEX STN
SLOT 6:	MOBEX STN
SLOT 7:	MOBEX STN
SLOT 8:	MOBEX STN
SLOT 9:	MOBEX STN
SLOT 10:	MOBEX STN
SLOT 11:	MOBEX STN
SLOT 12:	MOBEX STN

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## MMC: 857

**RELATED ITEMS:**    [MMC 724 NUMBER PLAN](#)  
                              [MMC 822 VIRTUAL EXTENSION TYPE](#)

**MMC: 858****OAS CARD SERVICE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION:**

This MMC allows the system administrator configure the services on the OfficeServ OAS cards in the system on a per-card basis. The OAS card supports a mix of MOBEX DSP's used for the Executive MOBEX feature and MGI channels used to allot IP and TDM equipment to communicate. The options available in this MMC differ depending upon the timeslots available to the card as shown below:

OPTION	16 TIMESLOTS	32 TIMESLOTS	64 TIMESLOTS
0	MOBEX:16 ONLY	MOBEX:32 ONLY	MOBEX:64 ONLY
1	MGI:04+MOBEX:12	MGI:04+MOBEX:28	MGI:04+MOBEX:48
2	MGI:08+MOBEX:08	MGI:08+MOBEX:24	MGI:08+MOBEX:32
3	MGI:12+MOBEX:04	MGI:12+MOBEX:16	MGI:12+MOBEX:16
4	MGI:16 ONLY	MGI:16 ONLY	MGI:16 ONLY

The number of timeslots available to the card varies by system and by card location as shown below:

## MMC: 858

### OfficeServ7400

Cabinet 1:	64 timeslots per card slot
Cabinet 2:	32 timeslots per card slot
Cabinet 3:	32 timeslots per card slot

### OfficeServ 7200

Cabinet 1:	
Slots 1, 2:	16 timeslots per card slot
Slots 3, 4, 5:	32 timeslots per card slot
Cabinet 2:	16 timeslots per card slot

### OfficeServ 7200-S

Cabinet 1:	
Slots 1, 2:	16 timeslots per card slot
Slots 3, 4, 5:	32 timeslots per card slot

### NOTES

1. Although the OfficeServ 7200 MCP card allows the configuration of MOBEX DSP's MOBEX is not available on the MCP processor card, so it is recommended to set all OAS cards to **MGI:16 ONLY** when using the MCP processor card.
2. The OAS card is not compatible with the OfficeServ 7030.
3. This MMC is unavailable in the OfficeServ 7100 because the OAS card can be used strictly as a 16 channel MGI card in the OfficeServ 7100.
4. The OAS card must be running V2.00 or higher software to access MGI channels.

### OPENING DISPLAY

Press TRANSFER 858.  
Display shows.

**C1-S1:SERVICE**  
**MOBEX:64 ONLY**

**DEFAULT DATA: ALL OAS CARDS: MOBEX:64 ONLY**

**RELATED ITEMS:**    [MMC 400 TRUNK ON AND OFF](#)  
                          [MMC 419 DISTINCTIVE RINGING](#)

## MMC: 859

## HARDWARE VERSION

### DESCRIPTION:

This MMC displays the software version of the BIOS chip of each of the cards in the system.

### OPENING DISPLAY

Press TRANSFER 859.  
Display shows.

**EPLD/PCB VERSION**  
**MP40 CARD :V31**

**DEFAULT DATA: NONE**

**RELATED ITEMS NONE**

**MMC: 860****LICENSE****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Available Only with V4.40 or Higher]**

This MMC is used to manage system license keys. License keys enable certain features to be used as described below. This MMC can be used to enter new keys, change or update keys, and view the license quantities permitted by an entered license. In addition this MMC is used to enable tutorial and emergency licenses.

OPTION	NAME	VALUE		DESCRIPTION
00	PBX LICENSE(OLD)	-		This is a special license field used to enter 53-letter legacy licenses generated for V4.2x or older software.
01	PBX LICENSE STS	00	SOFTP ALLOW	Display the number of OfficeServ Softphone or OfficeServ Communicator Softphone Mode users that can be concurrently connected.
		01	SOFTP USED	Display the number of OfficeServ Softphone or OfficeServ Communicator Softphone Mode users that are registered and connected.
		02	SOFTP CONN	Display the number of OfficeServ Softphone or OfficeServ Communicator Softphone Mode users that are currently registered.
		03	NEWS ALLOW	Show if OfficeServ News is allowed to connect or not. <b>OfficeServ News is not sold in the US.</b>

## MMC: 860

OPTION	NAME	VALUE	DESCRIPTION
		04	SSIP-S MAX Display the number of Samsung SIP phones that can be concurrently connected. <b><i>Samsung SIP phones are not sold in the US.</i></b>
		05	SSIP-S USED Display the number of Samsung SIP phones that are registered and connected. <b><i>Samsung SIP phones are not sold in the US.</i></b>
		06	SSIP-S CONN Display the number of Samsung SIP phones that are currently registered. <b><i>Samsung SIP phones are not sold in the US.</i></b>
		07	NSIP-S MAX Display the number of 3 <sup>rd</sup> party SIP phones that can be concurrently connected.
		08	NSIP-S USED Display the number of 3 <sup>rd</sup> party SIP phones that are registered and connected.
		09	NSIP-S CONN Display the number of 3 <sup>rd</sup> party SIP phones that are currently registered.
		10	SIP STACK Display the total number of SIP devices allowed in the system.
		11	H.323 STACK Display the number of H.323 IP trunks are allowed in the system.
		12	MOBEX EXEC <i>This option is not available on OfficeServ 7200 systems with an MCP processor card</i> Display the number of Executive MOBEX users allowed in the system.
02	PBX LICNSE STACK	0	MAX COUNT Display the total number of user-configurable SIP Stack licenses.
		1	NON SAMSUNG Enter the number of SIP devices to designate for 3 <sup>rd</sup> party SIP phones.
		2	FREE COUNT Display the number of unassigned user-configurable SIP Stack licenses.
		3	SIP TRUNK Enter the number of SIP devices to designate for SIP Trunks.
		4	SIP PHONE Enter the number of SIP devices to designate for Samsung SIP phones. <b><i>Samsung SIP phones are not sold in the US.</i></b>
03	SIP LICENSE	-	This field is used to enter the 53-character SIP license obtained from Samsung.
04	SIP LICENSE STS	0	SIPT COUNT Display the number of SIP VoIP trunks are allowed in the system.

## MMC: 860

OPTION	NAME	VALUE		DESCRIPTION
		1	SIPP COUNT	Display the number of Samsung SIP phones that can be concurrently connected. <b><i>Samsung SIP phones are not sold in the US.</i></b>
		2	3RD SIPP	Display the number of 3 <sup>rd</sup> party SIP phones that can be concurrently connected.
		3	SIP APP CNT	Display the number of OfficeServ IP-UMS ports can be used in the system.
05	RESOURCE LICENSE <i>This option is only available on OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S systems.</i>	-		This field is used to enter the 53-character Resource license obtained from Samsung.
06	RESOURCE LIC STS <i>This option is only available on OfficeServ 7030, OfficeServ 7100, and OfficeServ 7200-S systems.</i>	0	MGI ALLOW	Display the number of embedded MGI channels that are active in the system.
		1	VMS ALLOW	Display the number of embedded Samsung Voicemail ports that are active in the system.
07	SERVICE LICENSE	-		This field is used to enter the 53-character Service license obtained from Samsung.
08	SERVICE LIC STS	0	H.323 COUNT	Display the number of H.323 IP trunks are allowed in the system.
		1	SOFTP COUNT	Display the number of OfficeServ Softphone or OfficeServ Communicator Softphone Mode users that can be concurrently connected.
		2	MOBEX EXEC <i>This option is not available on OfficeServ 7200 systems with an MCP processor card</i>	Display the number of Executive MOBEX users allowed in the system.
		3	ITP COUNT	Display the number of SMT Series IP phones can be connected to the system. <b><i>This setting has no effect in the US as SMT phones do not require a license in the US</i></b>

**MMC: 860**

OPTION	NAME		VALUE	DESCRIPTION
		4	WIFI COUNT	Display the number of SMT-W5120 wireless IP handsets can be connected to the system. <b><i>This setting has no effect in the US as SMT-W5120 handsets do not require a license in the US</i></b>
		5	SPNET USED	Show if SPNet networking is allowed or not.
		6	CALL MNGCNT	Display the number of OfficeServ Communicators can be connected in UC Phone mode.
09	TEMP LICENSE	0	ACTIVE: NONE	No temporary licensing is active.
		1	ACTIVE: URGENT	Activate a special license type designed for technicians troubleshooting in the field. When enabled the system will bypass the normal MAC address checks performed when a license is entered. This allows the use of a license key generated for a different system to be used temporarily. <b><i>This key type to be used for up to 336 hours over the life of the system processor card. The time is counted by actual run time, meaning it can be used multiple times by enabling and disabling it.</i></b>

## MMC: 860

OPTION	NAME	VALUE	DESCRIPTION
		2	ACTIVE: TUTORIAL
			Activate a special license type designed to let users test features and applications without committing to the purchase of a license. When enabled the system permits 2 of each licensed option to be used. The licensed options and quantities are listed below: SIPT: 2 SIPP: 2 3 <sup>RD</sup> SIPP: 2 SIP APP: 2 MGI: 2 VMS: 2 H.323: 2 SOFTP: 2 MOBEX EXEC: 2 ITP: 2 WIFI: 2 CALL MNG: 2 SPENT: ON <i>This key type to be used for up to 336 hours over the life of the system processor card. The time is counted by actual run time, meaning it can be used multiple times by enabling and disabling it.</i>
10	REMAINING LIC TM	URGENT	Display the number of hours remaining on the <b>URGENT</b> temporary license. <i>This is a read-only field determined by the physical processor card, not tied to the system database.</i>
		TUTORIAL	Display the number of hours remaining on the <b>TUTORIAL</b> temporary license. <i>This is a read-only field determined by the physical processor card, not tied to the system database.</i>

**NOTE:** After entering a valid **PBX LICENSE(OLD)** the **SIP LICENSE** and **SERVICE LICENSE** fields are no longer accessible. This is to prevent any conflicts between old format and new format license keys.

**NOTE:** After entering a valid **SIP LICENSE** or **SERVICE LICENSE** the **PBX LICENSE(OLD)** field is no longer accessible. This is to prevent any conflicts between old format and new format license keys.

## MMC: 860

**NOTE:** The **URGENT** and **TUTORIAL** Temporary licenses cannot be activated if a valid **SIP LICENSE**, **SERVICE LICENSE**, or **PBX LICENSE(OLD)** exists. Attempting to do so will result in an “**OTHER LIC ENABLD**” error. This is to prevent any conflicts between temporary and permanent licensing.

### OPENING DISPLAY

Press TRANSFER 860.  
Display shows legacy PBX license.

**PBX LICENSE (OLD)**

**DEFAULT DATA:**    **OfficeServ 7100 and OfficeServ 7200-S:**  
                         **VMS ALLOW:**            **4**

**All OfficeServ 7000 Series Systems:**  
                         **MOBEX EXEC:**            **1**

**RELATED ITEMS:**    **NONE**

**MMC: 861****SYSTEM OPTIONS****MMC AVAILABILITY**

System	Processor Card	MMC Available
OfficeServ 7030	MP03	YES
OfficeServ 7100	MP10	YES
	MP10a	YES
OfficeServ 7200-S	MP20S	YES
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

**DESCRIPTION: [Applies to V4.30 or Higher]**

This MMC allows the technician to set miscellaneous global system options such as the number of system speed dials and chain forwarding limits.

OPTION	NAME	VALUE	DESCRIPTION
00	AUTO UPDATE TIME	0 DISABLE	Do not attempt to sync the system clock to an ISDN PRI circuit.
		1 ENABLE	If an ISDN PRI span has <b>TIME SYNC</b> set to <b>ON</b> in <a href="#">MMC 430</a> attempt to synchronize the system time in <a href="#">MMC 505</a> to the timestamp messages received from the CO. Timestamp messages are received during connection of an outgoing call, so it may take a few calls before the time can properly sync. <i>Many PRI providers in the US do not provide timestamp messaging. In these cases this setting has no effect.</i>
01	SYSTEM SPEED BIN	0 MAX 500	Set the maximum system speed dial bins to 500, numbered 500-999. Station speed dials will be 2 digit bin numbers from 00-49.
		1 MAX 950	Set the maximum system speed dial bins to 950, numbered 050-999. Station speed dials will be 3 digit bin numbers from 000-049.
02	IDLE WHEN ENBLOC	0 DISABLE	Consider stations as busy while dialling if ENBLOCK dialling mode is enabled.

## MMC: 861

OPTION	NAME	VALUE		DESCRIPTION
		1	ENABLE	Consider stations as idle while dialling if ENBLOCK dialling mode is enabled. This allows calls to interrupt dialling and ring through.
03	2 LINE ENBLOCK	0	DISABLE	Dial calls soon as digits are entered.
	<i>This option only affects 2-line display IP phones.</i>	1	ENABLE	Require the user to press SEND to dial the call when <b>ENBLOCK 2LCD</b> is set to <b>ON</b> in <b>MMC 110</b> .
04	2 ZONE EXT PAGE	0	DISABLE	Do not allow the Loud Bell to be used for Eternal Paging.
	<i>This option is only available on OfficeServ 7200 and OfficeServ 7400 systems.</i>	1	ENABLE	Allows External Page zones to use the Loud Bell for paging.
05	USE LB FOR PAGE	0	LB	Set a Miscellaneous (MISC) port to be used for Loud Bell only.
	<i>This option is only available on OfficeServ 7200 and OfficeServ 7400 systems.</i>	1	ROP	Set a Miscellaneous (MISC) port to be used as a Ring Over Page device. This option has no effect if <b>2 ZONE EXT PAGE</b> is set to <b>DISABLE</b> .
09	SPNET OVERLAP	0	DISABLE	Wait for all digits to be dialled before sending the call to the SPNet network.
		1	ENABLE	Send digits to the SPNet network as they are dialled.
12	SPNET CLI TABLE	0	NONE	Set which CLI table ( <b>1</b> through <b>4</b> ) from <b>MMC 321</b> will be used when making outgoing SPNET calls. When set to <b>NONE</b> the keyset station number will be sent.
		1-4		
13	E-LCR CLI TABLE	0	NONE	Set which CLI table ( <b>1</b> through <b>4</b> ) from <b>MMC 321</b> will be used when making outgoing E-LCR calls. When set to <b>NONE</b> the default CLI table for the trunk will be sent.
		1-4		
14	EXTERNAL BGM/MOH	0	INT.CHIME	Disable external Music On Hold and instead use the internal system chime tones.
		1	EXT.SOURCE	Disable the internal system chime tones and require the connection of an external Music On Hold device.
16	LCP CABINET TYPE	0	OS 7200	The expansion cabinet is an OfficeServ 7200 cabinet.
		1	OS 7100	The expansion cabinet is an OfficeServ 7100 cabinet.

**MMC: 861**

OPTION	NAME	VALUE		DESCRIPTION
17	MAX CHAIN FWDALL	1-5		Set the maximum number of times ( <b>1-5</b> ) a call may be forwarded in a chain all-call-forwarding scenario.
18	PINGRING SERVICE	0	DISABLE	Pickup Group members will not hear a Ping Rig. Allow unlimited Pickup Group members.
		1	ENABLE	Pickup Group members (set in <a href="#">MMC 302</a> ) will receive a short burst of ring tone when calls are made to another member of the Pickup Group. Restrict Pickup Groups to 32 members per group.
23	MOBEX EXEC OPTN <i>This option is not available on OfficeServ 7200 systems with an MCP processor card.</i>	0	AUTH BY CLI	Automatically log users in when the system receives Caller ID that matches a preset entry ( <b>ON</b> ), or require users to log in manually by entering their extension and password ( <b>OFF</b> ).
		1	AUTH TONE	When <b>AUTH BY CLI</b> is set to <b>OFF</b> , play dial tone ( <b>OFF</b> ) or audio specified in <b>TONE SOURCE (ON)</b> to callers connected to the Executive MOBEX number.
		2	TONE SOURCE	Set the source for the <b>AUTH TONE</b> , when it is set to <b>ON</b> , as the system hold tone ( <b>TONE</b> ) or any valid Music On Hold source.
		3	BLF BY CLI	Immediately flag a MOBEX port as busy when a call with the associated Caller ID is received ( <b>ON</b> ), or wait until the user has successfully logged in.
		4	ANSWER TIME	Set the amount of time for the Executive MOBEX number to ring before answering. Setting this option to <b>00</b> will cause the port to answer immediately. Valid settings are from <b>00</b> to <b>30</b> seconds

## MMC: 861

OPTION	NAME	VALUE	DESCRIPTION
24	TRUNK~MOBEX CLIP  <i>This option is not available on OfficeServ 7200 systems with an MCP processor card</i>	0 TO ISDN	Set the outbound CLI number used when making calls to MOBEX ports on an ISDN PRI CO line: <b>RECEIVED</b> sends the CLI number received from the incoming caller <b>MASTER</b> sends the CLI number (assigned in <a href="#">MMC 321</a> ) for the MOBEX port's Master Station (from <a href="#">MMC 328</a> ). <b>MOBEX</b> sends the CLI number of the MOBEX port (assigned in <a href="#">MMC 321</a> ).
		1 TO SIP	Set the outbound CLI number used when making calls to MOBEX ports on a SIP CO Line: <b>RECEIVED</b> sends the CLI number received from the incoming caller <b>MASTER</b> sends the CLI number (assigned in <a href="#">MMC 321</a> ) for the MOBEX port's Master Station (from <a href="#">MMC 328</a> ). <b>MOBEX</b> sends the CLI number of the MOBEX port (assigned in <a href="#">MMC 321</a> ).
25	VOIP RTP OPTION	0 DTMF	Deliver DTMF digits to IP devices from the desired protocol. <b>IN VOICE</b> sends DTMF as audio packets in the data stream. <b>OUTBAND</b> sends DTMF as information packets outside the audio path. <b>RFC2833</b> sends DTMF in-band according to the RFC2833 specification.
		1 MPS SERVICE  <i>This option is not available on OfficeServ 7200 systems with an MCP processor card</i>	Allow ( <b>ON</b> ) or deny ( <b>OFF</b> ) the ability to use MPS channels in place of MGI channels for IP-to-IP communications.
		2 NO MPS~MGI  <i>This option is not available on OfficeServ 7200 systems with an MCP processor card</i>	Allow ( <b>ON</b> ) the system to use an MGI channel if no MPS channels are available or ( <b>OFF</b> ) give a BUSY tone when all MPS channels are in use.

**MMC: 861**

OPTION	NAME	VALUE	DESCRIPTION
		3 SIP2SIP MGI	When a SIP trunk is connected to another SIP trunk (such as in a transfer to a cell phone) set the conversation to use an MGI channel ( <b>ON</b> ) or an MPS channel ( <b>OFF</b> ).
		4 SIP-T RBACK	Set SIP trunks to use OfficeServ-generated ringback tones ( <b>180</b> ) or SIP Service Provider-generated ringtones ( <b>183</b> ).

**OPENING DISPLAY**

Press TRANSFER 861.  
Display shows.

**AUTO UPDATE TIME  
DISABLE**

**DEFAULT DATA:**

<b>AUTO TIME UPDATE:</b>	<b>DISABLE</b>
<b>SYSTEM SPEED BIN:</b>	<b>MAX 500</b>
<b>IDLE WHEN ENBLOCK:</b>	<b>DISABLE</b>
<b>2 LINE ENBLOCK:</b>	<b>DISABLE</b>
<b>SPNET OVERLAP:</b>	<b>DISABLE</b>
<b>SPNET CLI TABLE:</b>	<b>NONE</b>
<b>E-LCR CLI TABLE:</b>	<b>NONE</b>
<b>MAX CHAIN FWDALL:</b>	<b>01</b>
<b>PINGRING SERVICE:</b>	<b>DISABLE</b>
<b>MOBEX EXEC OPTN</b>	
<b>AUTH BY CLI:</b>	<b>OFF</b>
<b>AUTH TONE:</b>	<b>OFF</b>
<b>TONE SOURCE:</b>	<b>TONE</b>
<b>BLF BY CLI:</b>	<b>OFF</b>
<b>ANSWER TIME:</b>	<b>01</b>
<b>TRUNK~MOBEX CLIP</b>	
<b>TO ISDN:</b>	<b>RECEIVED</b>
<b>TO SIP:</b>	<b>RECEIVED</b>
<b>VOIP RTP OPTION</b>	
<b>DTMF:</b>	<b>RFC2833</b>
<b>MPS SERVICE:</b>	<b>ON</b>
<b>NO MPS-&gt; MGI:</b>	<b>ON</b>
<b>SIP2SIP MGI:</b>	<b>OFF</b>
<b>SIP-T RBACK:</b>	<b>183</b>

## MMC: 861

**RELATED ITEMS:**    [MMC 110 STATION ON & OFF](#)  
                          [MMC 302 PICKUP GROUPS](#)  
                          [MMC 321 SEND CLI NUMBER](#)  
                          [MMC 328 MOBEX INFO](#)  
                          [MMC 606 ASSIGN SPEED BLOCK](#)  
                          [MMC 705 ASSIGN SYSTEM SPEED DIAL](#)  
                          [MMC 837 SIP OPTIONS](#)

# MMC: 863

# ACCESS NUMBER

## DESCRIPTION:

This MMC specifies system information for SPNet (Samsung Protocol Networking). It is useful when many systems are connected using SPNet and interlocked with LCR. There is a maximum of 2000 entries.

	Option	Description
0	ACCESS NUM	Other system's ID
1	IP ADDR	Other system's IP address
2	TEL NUMBER	Rerouting Trunk Number (except VoIP Trunk Numbers). If SPNet function is not working, call is rerouted through this trunk.
3	MAX COUNT	The system will accept valid digit strings up to the Max Count number of calls and will set up the calls.

**Note:** SPNet is a proprietary VoIP network function developed by Samsung and it is not standard function.

### Conditions:

SYS LINK ID should **not** be entered in MMC 820 SYSTEM LINK ID.

ACCESS NUMBER & TELEPHONE NUMBER should be entered in the LCR table.

## OPENING DISPLAY

Press TRANSFER 863.  
Display shows.

[0001] ACCESS NUM

**DEFAULT DATA:** NONE

**RELATED ITEMS:** [MMC 710 LCR DIGIT TABLE](#)

## MMC: 865

## FAN POWER CONTROL

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	NO
	MP20	NO
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to turn the fan units on or off in the system cabinets. This is primarily for troubleshooting purposes, as it is not recommended to leave fan units off due to the drastic decrease in air circulation.

### OPENING DISPLAY

Press TRANSFER 865.  
Display shows.

**FAN PWR CONTROL**  
**CABINET1 FAN:ON**

**DEFAULT DATA:    ALL FANS:    ON**

**RELATED ITEMS:    NONE**

## MMC: 868 REMOTE STATION TRANSLATION

### DESCRIPTION:

This MMC assigns a remote station number to a three or four digit station number in the switch dial plan. The telephone numbers are entered in MMC 724 Remote Station (RS) section. The outbound telephone digits are entered in MMC 868 in the DGT: section. These digits will be processed through MMC 710 for routing. These services are useful for Cell Numbers and Remote switch numbers.

1. Up to 2000 entries can be entered. (0001-2000).
2. DGT: Digits to be received. Up to 12 digits may be entered.

### OPENING DISPLAY

Press TRANSFER 868.  
Display shows.

0001:TEL#[ NONE ]  
DGT:

**DEFAULT DATA:** NO ENTRIES

**RELATED ITEMS:** [MMC 724 DIAL NUMBERING PLAN](#)

## MMC: 889

## DISPLAY SERVER STATUS

### MMC AVAILABILITY

System	Processor Card	MMC Available
OfficeServ 7030	MP03	NO
OfficeServ 7100	MP10	NO
	MP10a	NO
OfficeServ 7200-S	MP20S	NO
OfficeServ 7200	MCP	YES
	MP20	YES
OfficeServ 7400	MP40	YES

### DESCRIPTION:

This MMC allows the technician to view and/or clear the connection logs for connections between the OfficeServ system and the WIM/GWIMT data cards.

### OPENING DISPLAY

Press TRANSFER 889.  
Display shows:

**TOTAL LOG CNT:00**  
**CLR RECORDED?NO**

**DEFAULT DATA:    NONE**

**RELATED ITEMS:    NONE**

## MMC: 890

## PORT CLEAR

### DESCRIPTION:

This program allows the user to initialize items related to call process or DB for specific station or C.O. line. This will return the port to default condition.

### OPENING DISPLAY

Press TRANSFER 890.  
Display shows.

[201] CALL CLEAR  
ARE YOU SURE?NO

**DEFAULT DATA:**     **NONE**

**RELATED ITEMS**     **NONE**