

# Critical Release Notice

**Publication number: 297-8021-855**  
**Publication release: Standard 20.02**

The content of this customer NTP supports the  
SN09 (DMS) software release.

Bookmarks used in this NTP highlight the changes between the NA015 baseline and the current release. The bookmarks provided are color-coded to identify release-specific content changes. NTP volumes that do not contain bookmarks indicate that the NA015 baseline remains unchanged and is valid for the current release.

## Bookmark Color Legend

**Black:** Applies to content for the NA015 baseline that is valid through the current release.

**Red:** Applies to new or modified content for NA017 that is valid through the current release.

**Blue:** Applies to new or modified content for NA018 (SN05 DMS) that is valid through the current release.

**Green:** Applies to new or modified content for SN06 (DMS) that is valid through the current release.

**Purple:** Applies to new or modified content for SN07 (DMS) that is valid through the current release.

**Pink:** Applies to new or modified content for SN08 (DMS) that is valid through the current release.

**Orange:** Applies to new or modified content for SN09 (DMS) that is valid through the current release.

### *Attention!*

*Adobe® Acrobat® Reader™ 5.0 or higher is required to view bookmarks in color*

# Publication History

*Note: Refer to the NA015 baseline document for Publication History prior to the NA017 software release.*

## **January 2006**

Standard release 20.02 for software release SN09 (DMS), incorporating changes required by CR Q01124754. Updates made were:

### Volume 1:

Parameter CONNECTION\_HOLD\_TIMER name corrected as CONNECTION\_HOLD\_TIMER\_IN\_MINS; Parameter DEFAULT\_LANGUAGE name corrected as DEFAULTLANGUAGE.

Parameters LOWSPR\_ALARM\_OM\_CARD\_SPR\_BASIS, NO\_OF\_LARGE\_EXT\_BLKs, NO\_OF\_MEDIUM\_EXT\_BLKs, NO\_OF\_SMALL\_EXT\_BLKs, NUM\_DCR\_EXT\_BLKs, and POLL\_SCHEDULER marked as obsolete.

Parameters DCA\_GATEWAY and DEFAULT\_DCA\_NETWORK restored.

### Volume 2:

Parameters CM\_PROCESSOR\_OPTION and ILR\_OPTIONS marked as obsolete.

### Volume 3:

Duplicate description for parameter EA\_INT0\_POSITION was removed.

Parameter TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY marked as obsolete.

## **November 2005**

Standard release 20.02 for software release SN09 (DMS). Updates made were:

### Volume 2

Modified parameter KEYSET\_SRT for CR Q01076020

### Volume 3

New parameter T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS by Feature A00002013

An additional release (18.03) was made for SN07 (DMS). See heading "October 2005" below for details.

## **September 2005**

Preliminary release 20.01 for software release SN09 (DMS). Updates made were:

### Volume 1

Modified parameter AIN\_MAX\_SERIAL\_TRIGGERS by CR Q0158300

Modified parameter IPGW\_SNMP\_COMMUNITY\_NAME by Feature A00009011

Modified parameter IPGW\_SNMP\_ENABLED by Feature A00009011

Modified parameter IPGW\_SNMP\_MANAGER by Feature A00009011

Modified parameter IPGW\_TELNET\_ENABLED by Feature A00009011

### Volume 2

No changes

### Volume 3

No changes

## **March 2005**

Preliminary release 19.01 for software release SN08 (DMS). Updates made were:

### Volume 1

IO\_WARNING\_THRESHOLD (new OFCENG parameter)

### Volume 2

No changes

### Volume 3

No changes

## **October 2005**

Standard release 18.03 for software release SN07 (DMS). Updates made were:

### Volume 3

Modified parameter NETFAB\_SCHEDULE\_ENABLED by CR Q01100602

## **December 2004**

Standard release 18.02 for software release SN07 (DMS). Updates made were:

### Volume 1

Modified parameter MAXNUCS by CR Q00791920

Modified parameter NUMPERMEXT by CR Q00791920

Modified parameter ORIGTHRES by CR Q00897917

### Volume 2

Modified parameter MAX\_NUM\_ACD\_AGENTS\_PER\_SWITCH by SOC option

New parameter RESTART\_RECORD by CR Q00813617-02

### Volume 3

Modified parameter EADAS\_GENERIC\_ID\_US\_ONLY by CR Q00898953

## **September 2004**

Preliminary release 18.01 for software release SN07 (DMS). Updates made were:

### Volume 1

NUM\_OF\_IS41TOPS\_EXT\_BLKs (removed)

NUM\_OF\_WINTOPS\_EXT\_BLKs (new OFCAUT parameter)

### Volume 2

No changes

### Volume 3

E911\_WLS911\_CALLID\_DIGs (new)

RTE\_ADVANCE\_FOR\_INTRA\_IMT\_NCRT (new)

## **March 2004**

Standard release 17.03 for software release SN06 (DMS). Updates made were:

### Volume 1

DCA references changed/made obsolete

### Volume 2

U3WC\_ELAPSED\_TIME

### **September 2003**

Standard release 17.02 for software release SN06 (DMS). Updates made were:

#### Volume 1

NUMCPWAKE  
NUM\_OF\_IS41TOPS\_EXT\_BLKs  
ODM\_TUPLE\_NUMBER\_OPTION  
ODM\_TUPLE\_NUMBER\_OPTION\_PREV  
OFFICE\_CLLI\_NAME ORIGTHRESH

#### Volume 2

CPSTACKSIZE USP\_RM\_AUTO\_UPDATE\_ENABLED  
XA\_IO\_STATE\_CHANGE\_ALARM\_THRESH

#### Volume 3

PACKET\_QS\_OM\_THRESHOLDS  
REDIRECTION\_FRAMEWORK

### **June 2003**

Preliminary release 17.01 for software release SN06 (DMS). Updates made were:

#### Volume 1

ECAN\_EDGE\_STRATEGY  
FPS\_PRE-ANNOUNCE\_LIMIT  
FPS\_VARIANT INAP\_VARIANT  
LFPS\_PSW\_LOCK

#### Volume 2

REMOVE\_LEADING\_O\_FROM\_CLI

RDT\_SUCC\_AUTOCREATE\_LNINV  
USP\_RM\_AUTO\_UPDATE\_ENABLED

#### Volume 3

CWT\_TONE\_LENGTH  
ESG\_ALARM  
ESG\_RERING\_TIME  
JAPAN\_F5\_PARM\_SUPPRESS  
PACKET\_QOS\_OM\_THRESHOLDS  
SPM\_ENHANCED\_OUTPUT

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DMS-100 Family

## **North American DMS-100**

Office Parameters Reference Manual Volume 3 of 3

OFCVAR, Preset office parameters

LET0015 and up Standard 14.02 May 2001

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DMS-100 Family

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Office Parameters Reference Manual Volume 3 of 3

OFCVAR, Preset office parameters

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# Contents

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## Office Parameters Reference Manual Volume 3 of 3 OFCVAR, Preset office parameters

<b>NTP Summary Contents</b>	<b>xi</b>
<b>1 OFCVAR parameters</b>	<b>1-1</b>
AC_MOREDIGIT_WAIT 1-2	
ACBAR_DNROUTE_ALLOW_TCAP_QUERY 1-4	
ACCS_CCV_QUERY_BLK 1-6	
ACCS_INTERDIGIT_TIMEOUT 1-8	
ACCS_MAX_REJECTS 1-10	
ACCS_OPER_SERV_ACCESS_CODE 1-12	
ACCS_SEQ_CALL_LIM 1-14	
ACCS_SEQ_QUERY 1-16	
ACCT_ES_DIGITS 1-18	
ACMS_NOC_LOG_ON-CANADA ONLY 1-20	
ACQS_AUDIT_ON 1-22	
AIN_OFFICE_TRIGGRP 1-24	
ALIT_LOG_GEN_FREQ 1-26	
AMA_FAILURE_ROUTE_POSITION 1-28	
ANI_IN_SMDR 1-30	
APS_REPORT_ALL_CALLS 1-32	
ARI_CDR_VALUE 1-35	
ASCS_DISABLE_LEVEL 1-37	
ASCS_MONITOR_DELAY 1-39	
ASCS_NOALARM_THRESHOLD 1-41	
ASCS_NOSEND_THRESHOLD 1-43	
ASCS_ROUTE_INDEX 1-45	
ASCS_TRUNK_TIMEOUT 1-47	
ASR_AUDIT_TIME 1-49	
ASR_CUSTGRP 1-51	
AUTO_ASSIGN_DNH_GRPNUM 1-53	
AUTO_ASSIGN_DNH_RANGE 1-55	
BICRELAY_NUM_SIMUL_TESTS 1-57	
BICRELAY_XLCM_TEST_SCHEDULE 1-59	
BLOCK_0_INF_INW_CALLS 1-62	
BT_MCI_TIMER 1-64	
BUFFER_THRESHOLDDED_REPORTS 1-66	

C7_CHGOVER_SLMPR_THRESHOLD	1-67
C7_NACK_ERROR_SLMPR_THRESHOLD	1-69
C7_PDU_ERROR_SLMPR_THRESHOLD	1-71
C7_SLMPR_ALARM_ON	1-73
C7_SSCOP_CON_SLMPR_THRSHOLD	1-75
C7_SSCOP_RETRANS_SLMPR_THRESHOLD	1-77
C7_SU_ERROR_SLMPR_THRESHOLD	1-79
C7UP_RSC_LOG_THRESHOLD	1-81
CALL_CONTROL_DEFAULTS	1-83
CALL_REPORT_FORMAT	1-85
CAMA_SUSP_CALL_ALLOWED	1-87
CCW_AS_LINE_OPTION	1-89
CCW_WITHOUT_CWT_ALLOWED	1-91
CDIV_SDN_XLA	1-93
CDO_ROUTE	1-95
CDS_DN_CHECK	1-97
CFGDA_SEND_PILOT_DN_TO_SMDI_ISUP	1-99
CHECK_FOR_TMEM	1-102
CHNG_NUM_OF_TGS_FOR_PKT_18_22	1-104
CIRCUIT_TEST_NUMBER_MESSAGES	1-106
CLF_ACCESS_CODE	1-108
CMAJALARM	1-110
CMD_MAP_ENABLED	1-112
CMG_ENABLED	1-114
CMINALARM	1-115
CNDB_ON_POTS	1-117
COIN_DTF_TOTALIZER_RESET	1-119
COIN_OPERATOR_RELEASED_ON_OA	1-121
COIN_RETAIN_ON_OA	1-123
CONTINUOUS_RETRY_TIMERS	1-125
CREATE_PARTIAL_800_AMA-CANADA ONLY	1-127
CUSTOMER_DATA_CHANGE_LOGS	1-129
CUTOFF_ON_DISC_TIME	1-131
CWT_TIMEOUT	1-133
CWT_TONE_LENGTH	1-135
DAILY_ISDN_L2L3_PEG_AUDIT_TIME	1-137
DEFAULT_SIGNALLING_TYPE	1-139
DATA_CALL_SMDR	1-140
DCN_BUFFER_NUMBER_OF_BLOCKS	1-143
DCT_TEST_CALL_SPILL	1-145
DENY_POPULATED_SUBTABLE_DELETION	1-147
DIAGALARM	1-149
DIALBACKPW_ENCRYPTED	1-151
DISKLOGMEMORY	1-153
DIST_CWT_TONE	1-156
DND_ROUTE	1-158
DTULDINFO	1-161
DTUOHBTLTD	1-163
E911_CHECK_DEFAULT_ESN	1-165
E911_PSAP_DISCONNECT_TIME	1-167
E911_PSAP_OFFHK_ALARM_TIME	1-169

---

EA_FGD_MFTOSS7_CIP	1-171
EA_TEST_CALL_SPILL	1-173
EADAS_ENABLED-U.S. ONLY	1-175
EADAS_GENERIC_ID-U.S. ONLY	1-177
EADAS_MPC_AND_LINK-U.S. ONLY	1-179
EADAS_POPULATE_HUNT_SECTIONS	1-181
ECHODUMP_OUTPUT_FORMAT	1-183
ECORE_FORMAT	1-185
EMERG_ANNC	1-187
EDTULDFILE	1-189
ENG640M1_SCAN_RATE	1-191
ENHANCED_TRUNK_PREROUTE_ABANDON	1-193
ESG_ALARM	1-195
ESG_RERING_TIME	1-197
FACALARM	1-199
FGD_ANI_SMDR_REQD	1-201
FGD_TEST_CALL_ACK_OFFHOOK	1-203
FIXED_CFBF_DEFAULT_STATE	1-205
FOT_DIGITS	1-207
GEN_CDR300_ISDN_LOGS	1-209
GEN_CDR300_MIDNT_LOGS	1-211
GEN_CDR300_SYNC_LOGS	1-213
GENERATE_CALL_RECORDING_LOGS	1-215
GENERATE_ICAMA_LOG_ENTRY	1-217
GENERATE_ITOPS_LOG_ENTRY	1-219
HPC_EGRESS_QUEUEING	1-221
IAA_REQUESTED	1-223
ICAMA_ANI_FAILURE_ACTION	1-226
ICAMA_REQUESTED	1-228
ICT_DN_CHECK	1-230
IGNORE_REGION_THRESH	1-232
IMAJALARM	1-234
IMINALARM	1-236
INHIBIT_AUTO_CONGESTION_CNTL	1-238
INTL_ICR_REQUESTED	1-239
INTL_RU_OVFL_ACTION	1-241
INTL_SILENT_SWITCHMAN_TMO	1-243
ISDN_LOSS_OF_SIG_DGASP_ALARM	1-245
ISDN_LOSS_OF_SIG_NO_DGASP_ALARM	1-247
ISDN_LOSS_OF_SYNC_WORD_ALARM	1-249
ISDN_MPLU_NODE_FAILURE_ALARM	1-251
ISDN_NT1_TEST_MODE_ALARM	1-253
ISDN_PERFORMANCE_MON_ALARM	1-255
ISDN_T_SYNC_LOST_ALARM	1-257
ISDNBRI_PRIVACY_CHANGE_ALLOWED	1-259
ITS_TEST_SESSION_TIMEOUT	1-261
JPN1_ACM_ALWAYS_EXPECTED	1-263
LAYER2_CIRCUIT_ABN_PEGS_THLD	1-265
LAYER2_PACKET_ABN_PEGS_THLD	1-267
LAYER2_PEGS_THRESHOLD_LEVEL	1-269
LAYER2_SERVICE_DSRPT_THLD	1-271

LAYER3\_CIRCUIT\_ABN\_PEGS\_THLD 1-273  
LAYER3\_PACKET\_ABN\_PEGS\_THLD 1-275  
LAYER3\_PACKET\_SVC\_THLD 1-277  
LCARDALARM 1-279  
LCDREX\_CONTROL 1-281  
LEAS\_SS7\_ACTIVE 1-285  
LINE\_CARD\_MONITOR 1-287  
LINE\_WITH\_CWT\_CAN\_FLASH 1-289  
LOCAL\_COIN\_INIT\_TIME 1-291  
LOCAL\_COIN\_OVER\_TIME 1-292  
LOG\_CENTRAL\_BUFFER\_SIZE 1-293  
LOG\_DEVICE\_BUFFER\_SIZE 1-295  
LOG\_OFFICE\_ID 1-297  
LOOP\_AROUND\_TIMEOUT\_IN\_MIN 1-299  
LSETALARM 1-301  
MAX\_IAM\_HOPS 1-303  
MAX\_RMAP\_SESSIONS 1-305  
MCARDALARM 1-307  
MCCS\_SEQ\_CALL\_LIM 1-309  
MCCS\_SEQ\_QUERY 1-311  
MCT\_TONE 1-313  
MCTIMER 1-315  
METER\_PULSE\_MISMATCH\_THRESHOLD 1-317  
METER\_PULSE\_MONETARY\_RATE 1-319  
MSETALARM 1-321  
MSGPSOC\_OM\_CONTROL 1-323  
MTA\_RLM\_TIME 1-325  
MTA\_RMM\_TIME 1-326  
MTULDINFO 1-328  
NDIAGALARM 1-330  
NEMHEARTBEAT 1-332  
NETFAB\_DAILY\_DURATION 1-334  
NETFAB\_SCHEDULE\_ENABLED 1-336  
NETFAB\_SCHEDULE\_TIME 1-338  
NETMINDER\_MPC\_AND\_LINK 1-340  
NEW\_OE\_LOG\_FORMAT 1-342  
NODEREXCONTROL 1-345  
NON\_DMS\_NAME\_LOOKUP 1-352  
NPAC204\_THROTTLE 1-355  
NSS\_DBCP\_TCN\_BLOCK\_CALL 1-357  
NSS\_DBCP\_TCN\_RESP\_TIMEOUT 1-359  
NTC\_CALL\_DURATION\_ADJ 1-360  
NTC\_CONN\_REATTEMPTS 1-362  
NTC\_REATTEMPTS 1-364  
NTC\_TIME\_BTW\_CONN\_REATTEMPTS 1-366  
NTC\_TIME\_BTW\_REATTEMPTS 1-368  
NTC\_XLATIONS 1-370  
OCCTS\_DEFAULT\_REG\_LOG 1-372  
OM\_SOURCE\_IDENTIFICATION 1-374  
ORIG\_ARTER\_FREQUENCY 1-376  
ORIG\_ARTER\_LEVEL 1-378

---

ORIG_INCREASE_SPM	1-380
PER_CALL_GND_LOOP_TEST	1-382
PER_OPC_LOGDEV_BUFFER_SIZE	1-384
PERFORMANCE	1-386
PMSTAT_OM_CONTROL	1-388
POTS_SIMULATE_1A	1-390
PRE_ROUTE_ABANDON_TRK116_LOG	1-392
PRINTOUT_OF_CALLS	1-394
PROMPT_HUNT_MEM_LCC	1-396
PSPDALARM	1-398
QDIAGALARM	1-400
R2_ANI_DENY	1-402
RAG_QUE_LEN	1-404
RAG_RECALL_TIMEOUT	1-406
RATING_SMALLEST_COIN	1-408
RECORD_CLG_NPA_NXX	1-410
RECORD_UNANSWERED_CALLS	1-412
REDUCE_DIGMAN_ANS_DETECTION_TIME	1-414
RES_CHK_OOS	1-416
RES_CMSG_ACCESS_AND_ERROR_TMT	1-418
RES_SO_SIMPLIFICATION	1-420
REVERSE_DISPLAY_DISALLOWED	1-422
RMAN_REASGNAGT_CHGROUTE_IN_DUMP	1-424
RMSG_MAJALARM	1-426
RMSG_MINALARM	1-428
SCAI_CONTINUITY_AUDIT_INTERVAL	1-430
SDIAGALARM	1-432
SEAS_LRF_GTT_OCC	1-434
SEAS_LRF_GTT_PER	1-436
SEAS_LRF_MTP_OCC	1-438
SEAS_LRF_MTP_PER	1-440
SIG_TST	1-442
SLE_LANGUAGE	1-444
SLE_VOICEBACK_PUBLIC_ICM	1-446
SLNETWORK_NAME	1-448
SLU_7DIGIT_DN	1-450
SLVP_RCHD_TIMER	1-452
SMDR_LOG_RPT	1-454
SO_ALLOW_REDUNDANT_FEATURE	1-456
SO_ALLOW_REDUNDANT_FEATURE_CHF	1-458
SO_CICP_OFRT_ICP_ALLOWED	1-460
SO_PROMPT_FOR_CABLE_PAIR	1-462
SO_PROMPT_FOR_LTG	1-464
SPCL_SECURITY_A_DR	1-465
SPECIAL_AMA_REPORT	1-467
SRCF_FILE_VOLNAME	1-469
SYSLOG_ACCESS	1-471
TABLE_ACCESS_CONTROL	1-473
TASINTVL	1-475
TBI_CONNECT_OPR_A	1-477
TBI_FORCE_RELEASE	1-479

TBI\_OFFER 1-481  
TBI\_OPR\_TIMEOUT 1-483  
TCAPNM\_BLK\_QUERY\_PRIV\_DNS 1-485  
TCAPNM\_INTERLATA\_QUERY 1-487  
TCMALARM 1-489  
TERM\_ARTER\_FREQUENCY 1-491  
TERM\_ARTER\_LEVEL 1-493  
TEST\_CALL\_AMR\_SPILL 1-495  
TEST\_CALL\_II\_SPILL 1-496  
TEST\_CALL\_SPILL 1-498  
TEST\_R2\_ANI\_DENY 1-499  
THRESHOLD\_IS\_SAMPLING 1-501  
TOLL\_DIVERSION\_SIGNAL 1-502  
TOPS\_CLD\_TIME\_AND\_CHG\_NO\_ACTS 1-503  
TOPS\_CROSS\_TEAM\_ROUTING 1-505  
TOPS\_EA\_DNPC\_LOG\_GENERATION 1-507  
TOPS\_EA\_PROCESS\_T\_SEL 1-509  
TOPS\_FGB\_CC134 1-511  
TOPS\_HOLD\_LOCAL 1-513  
TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY **\*\*OBSOLETE\*\*** 1-515  
TOPS\_MANUAL\_DATABASE\_ORIG 1-517  
TOPS\_OTC\_CARRIER\_NUMBER 1-519  
TOPS\_PARS\_TONE\_LENGTH 1-521  
TOPS\_START\_OF\_DAY 1-523  
TOPS\_TAC\_RECALL 1-525  
TOPS\_TANDEMED\_411\_CC009 1-527  
TOPS\_THIRD\_BILL\_ACC\_REQD\_SET 1-529  
TOPS\_VERIFICATION\_BARGE\_IN 1-532  
TRA125M1\_SCAN\_RATE 1-534  
TRA125M2\_SCAN\_RATE 1-535  
TRA250M1\_SCAN\_RATE 1-536  
TRANSLATION\_OPTIONS 1-537  
TRK\_OOS\_CHK\_ON 1-539  
TRKLPBK\_TIMEOUT\_IN\_MINUTES 1-541  
TRUNK\_QUERY\_AUDIT\_START\_TIME 1-543  
TSO\_FIRST\_STAGE\_TIMEOUT 1-545  
TSTLN\_OP\_DELAY 1-547  
TTR\_SELECTION\_OPTION 1-549  
UDIAGALARM 1-552  
USAID\_CLID\_BLK\_SC 1-554  
UVM\_DEPOSIT\_PRIV\_DN\_TMT 1-556  
VARIABLE\_STUTTER\_DIALTONE\_TIMING 1-558  
WLC\_OV\_REPORTING 1-560  
WLN\_DEFAULT\_TIMEOUT 1-562  
WML\_ACCESS\_CODE 1-564  
XBAR\_OVERFLOW\_ON 1-565  
XBARCAB1 1-567  
XBARCAB2 1-569  
XBARSAT1 1-571  
XBARSAT2 1-573  
XID\_DESTINATION\_ID 1-575



---

	XLAPLAN_RATEAREA_SERVORD_ENABLED	1-576	
	XPMMMSGOC_OM_CONTROL	1-582	
	XPMOCC_OM_CONTROL	1-584	
	XPMOVLDM_OM_CONTROL	1-586	
<b>2</b>	<b>Preset office parameters—U.S. only</b>		<b>2-1</b>
	Description	2-1	
<b>3</b>	<b>DMS-100 local switch with 0-35% MDC and ISDN lines—U.S. only</b>		<b>3-1</b>
	Organization	3-1	
	DMS-100 local switch with 0-35% MDC and ISDN lines		
	Table OFCENG	3-2	
	DMS-100 local switch with 0-35% MDC and ISDN lines		
	Table OFCOPT	3-51	
	DMS-100 local switch with 0-35% MDC and ISDN lines		
	Table OFCSTD	3-53	
	DMS-100 local switch with 0-35% MDC and ISDN lines		
	Table OFCVAR	3-54	
	DMS-100 local switch with 0-35% MDC and ISDN lines		
	Table DATASIZE	3-55	
<b>4</b>	<b>DMS-100 local switch with 36-100% MDC and ISDN lines—U.S. only</b>		<b>4-1</b>
	Organization	4-1	
	DMS-100 local switch with 36-100% MDC and ISDN lines		
	Table OFCENG	4-2	
	DMS-100 local switch with 36-100% MDC and ISDN lines		
	Table OFCOPT	4-51	
	DMS-100 local switch with 36-100% MDC and ISDN lines		
	Table OFCSTD	4-53	
	DMS-100 local switch with 36-100% MDC and ISDN lines		
	Table OFCVAR	4-54	
	DMS-100 local switch with 36-100% MDC and ISDN lines		
	Table DATASIZE	4-55	
<b>5</b>	<b>DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines—U.S. only</b>		<b>5-1</b>
	Organization	5-1	
	DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines		
	Table OFCENG	5-2	
	DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines		
	Table OFCOPT	5-88	
	DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines		
	Table OFCSTD	5-90	
	DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines		
	Table OFCVAR	5-91	
	DMS-100 local/toll switch with 0-35% MDC and ISDN lines		
	Table DATASIZE	5-92	

---

**6 DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines—U.S. only 6-1**

- Organization 6-1
  - DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG 6-2
  - DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCOPT 6-88
  - DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCVAR 6-90
  - DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table DATASIZE 6-91
- 

**7 DMS-200 toll switch—U.S. only 7-1**

- Organization 7-1
- DMS-200 toll switch Table OFCENG 7-2
- DMS-200 toll switch Table OFCOPT 7-12
- DMS-200 toll switch Table OFCSTD 7-13
- DMS-200 toll switch Table OFCVAR 7-14
- DMS-200 toll switch Table DATASIZE 7-15

---

# NTP Summary Contents

---

## Office Parameters Reference Manual Volume 1 of 3 OFCENG

<b>About this document</b>		<b>Vol. 1, xxix</b>
	How to check the version and issue of this document	Vol. 1, xxix
	References in this document	Vol. 1, xxix
	What precautionary messages mean	Vol. 1, xxx
	How commands, parameters, and responses are represented	Vol. 1, xxxi
	Input prompt (>)	Vol. 1, xxxi
	Commands and fixed parameters	Vol. 1, xxxi
	Variables	Vol. 1, xxxi
	Responses	Vol. 1, xxxii
<hr/>		
<b>1</b>	<b>Office parameters overview</b>	<b>Vol. 1, 1-1</b>
	Introduction	Vol. 1, 1-1
	What to collect	Vol. 1, 1-2
	Operational measurements	Vol. 1, 1-2
	DMSMON	Vol. 1, 1-5
	Tables of daily usage for critical office parameters	Vol. 1, 1-8
	Table OFCENG	Vol. 1, 1-10
	How to interpret what is collected	Vol. 1, 1-12
	How often to collect	Vol. 1, 1-15
	How to make a decision	Vol. 1, 1-15
	Office parameters that are not recommended to be modified	Vol. 1, 1-16
	Reducing office parameter values	Vol. 1, 1-16
	Increasing office parameter values	Vol. 1, 1-17
	Notifying Nortel	Vol. 1, 1-17
	NORESTARTSWACT utility	Vol. 1, 1-18
	Summary of NORESTARTSWACT procedure	Vol. 1, 1-20
	NORESTARTSWACT procedure	Vol. 1, 1-21
<hr/>		
<b>2</b>	<b>Parameter to table cross-reference</b>	<b>Vol. 1, 2-1</b>
<hr/>		
<b>3</b>	<b>OFCENG parameters</b>	<b>Vol. 1, 3-1</b>
	ACB_BLOCKED_FOR_ACD_UCD	Vol. 1, 3-2
	ACCS_NUM_RU	Vol. 1, 3-4
	ACCSDB_RESPONSE_DELAY	Vol. 1, 3-6
	ACD_MIS_OUT_EVENT_BUFFER_SIZE	Vol. 1, 3-8

ACD_OVERFLOW_BLOCKS	Vol. 1, 3-11
ACD_TOLL_DELAYED_BILLING	Vol. 1, 3-14
ACT_MAX_DURATION	Vol. 1, 3-16
ACTIVE_DN_SYSTEM	Vol. 1, 3-18
AIN_ACTIVE	Vol. 1, 3-23
AIN_ALT_ROUTE_SEL	Vol. 1, 3-25
AIN_MAX_SERIAL_TRIGGERS	Vol. 1, 3-27
AIN_NUM_00_PARA_EXT_BLKs	Vol. 1, 3-30
AIN_NUM_01_00_EXT_BLKs	Vol. 1, 3-32
AIN_NUM_EXT_BLKs	Vol. 1, 3-34
AIN_NUM_PROCESSING_EXT_BLKs	Vol. 1, 3-37
AIN_NUM_TERM_NOTIF_EXT_BLKs	Vol. 1, 3-39
AIN_O_NO_ANSWER_EVENT_TIMER	Vol. 1, 3-41
AIN_O_NO_ANSWER_TRIGGER_TIMER	Vol. 1, 3-43
AIN_T_NO_ANSWER_EVENT_TIMER	Vol. 1, 3-45
AIN_T1_TIMER	Vol. 1, 3-48
AIN_TDISC_TIMER	Vol. 1, 3-50
AIN_TSTRC_TIMER	Vol. 1, 3-52
AIN00_EXTEND_NAT_OF_NUM	Vol. 1, 3-54
AIN00_PCM_SSP_BILLING	Vol. 1, 3-56
AIN00_PODP_ANI_CN_OUTPULSING	Vol. 1, 3-58
ALL_ACD_LOGIN_IDS_VALID	Vol. 1, 3-60
ALLOC_UNIV_EXT_BLK	Vol. 1, 3-62
ALLOW_RINGING_ON_TIP_SIDE	Vol. 1, 3-64
ALT_LIT_RES_NUM_FAILS_TO_SET	Vol. 1, 3-66
ALT_LIT_RES_NUM_PASSES_TO_CLR	Vol. 1, 3-69
ALT_TTT_USAGE_PERCENTAGE	Vol. 1, 3-71
ALT_TTU_USAGE_PERCENTAGE	Vol. 1, 3-73
AMA_EBCDIC_CONVERT	Vol. 1, 3-75
AMA_FAILURE_FREE_CALL	Vol. 1, 3-77
AMA_LONG_DUR_AUDIT_INTERVAL	Vol. 1, 3-79
APPLY_PATCHES_BY_SEQUENCE	Vol. 1, 3-81
AR_BLOCK_PRIVATE_CTX	Vol. 1, 3-83
AR_BLOCK_PRIVATE_RES	Vol. 1, 3-85
AR_BLOCK_PRIVATE_TOLL_METHOD	Vol. 1, 3-87
AR_DDN_LINE_OR_OFFICE	Vol. 1, 3-89
AUXCP_CPU_SHARE	Vol. 1, 3-91
AVG_NUM_TGS_PER_OHCBQCALL	Vol. 1, 3-94
B911_3WC_ALLOWED	Vol. 1, 3-96
BACKUP_METER_FREQUENCY_LINES	Vol. 1, 3-98
BACKUP_METER_FREQUENCY_TRUNKS	Vol. 1, 3-100
BC_CHECKING_SCOPE	Vol. 1, 3-102
BELL_ANI_ALARM_ID	Vol. 1, 3-104
BELL_ANI_INTERCEPT_ID	Vol. 1, 3-106
BLOCK_555_DIGITS	Vol. 1, 3-108
BLOCK_D_E_DIGITS	Vol. 1, 3-110
BTUP_INTL_DGT_PREFIX	Vol. 1, 3-112
BTUP_NETWK_ID	Vol. 1, 3-114
BTUP_PARTIAL_CLI	Vol. 1, 3-116
BTUP_VER_IND	Vol. 1, 3-118
C7GTT_DELTA_FILE_ACTIVITY_STATE	Vol. 1, 3-120

---

C11\_EXPANSION Vol. 1, 3-122  
C11\_OUTG\_EXPANSION Vol. 1, 3-123  
C12\_EXPANSION Vol. 1, 3-125  
C12\_OUTG\_EXPANSION Vol. 1, 3-126  
C12\_PLUS\_OUTG\_EXPANSION Vol. 1, 3-128  
CABLE\_LOCATE\_TIMEOUT Vol. 1, 3-130  
CABLE\_SHORT\_TIMEOUT Vol. 1, 3-132  
CALL\_WAITING\_CONFERENCE Vol. 1, 3-134  
CC\_ENGLEVE\_WARNING\_THRESHOLD Vol. 1, 3-136  
CC\_REX\_SCHEDULED\_HR Vol. 1, 3-139  
CCMTR\_FAILURE\_FREE\_CALL Vol. 1, 3-141  
CCW\_ORIGINATION\_CONFIRM\_TONE Vol. 1, 3-143  
CDC\_RESTRICTION\_ACTIVE Vol. 1, 3-146  
CDIV\_EXT\_BLOCKS Vol. 1, 3-148  
CDR\_100\_BYTE\_FORMAT Vol. 1, 3-150  
CDR\_FORMAT Vol. 1, 3-152  
CFD\_EXT\_BLOCKS Vol. 1, 3-154  
CFFP\_CONTROL Vol. 1, 3-157  
CFW\_EXT\_BLOCKS Vol. 1, 3-159  
CFX\_SEPARATE\_KEYLIST\_FEATURE Vol. 1, 3-163  
CFZ\_EXT\_BLOCKS Vol. 1, 3-165  
CHARGE\_UPDATE\_FREQUENCY Vol. 1, 3-169  
CIRCUIT\_QUERY\_AUDIT\_START\_TIME Vol. 1, 3-172  
CLI\_NATIONAL\_PREFIX Vol. 1, 3-174  
CMC\_REX\_SCHEDULED\_HR Vol. 1, 3-176  
COINDISPOSAL Vol. 1, 3-178  
COMMAND\_SCREEN Vol. 1, 3-180  
CONNECTION\_HOLD\_TIMER **\*\*OBSOLETE\*\*** Vol. 1, 3-182  
COPP\_RELAY\_OPEN\_TIME Vol. 1, 3-183  
COT\_ANNOUNCEMENT\_TYPE Vol. 1, 3-186  
CPERRORTHRESHOLD Vol. 1, 3-188  
CPM\_EXTENDED Vol. 1, 3-190  
CRS\_ALARM\_CRITICAL\_THRESHOLD Vol. 1, 3-192  
CRS\_ALARM\_MAJOR\_THRESHOLD Vol. 1, 3-194  
CRS\_PRU\_POOL1\_SIZE Vol. 1, 3-196  
CRS\_PRU\_POOL2\_SIZE Vol. 1, 3-201  
CRS\_PRU\_POOL3\_SIZE Vol. 1, 3-223  
CRS\_SUBRU\_POOL1\_SIZE Vol. 1, 3-227  
CRS\_SUBRU\_POOL2\_SIZE Vol. 1, 3-246  
CRS\_SUBRU\_POOL3\_SIZE Vol. 1, 3-267  
CRS\_SUBRU\_POOL4\_SIZE Vol. 1, 3-281  
CRS\_SUBRU\_POOL5\_SIZE Vol. 1, 3-291  
CSLINK\_ALARM\_THRESHOLDS Vol. 1, 3-294  
CSMI\_CUST\_PROG\_CFW Vol. 1, 3-297  
CSMI\_DELETE\_STUB\_VM Vol. 1, 3-299  
CSMI\_INTERCEPT\_3WC\_CONNECTION Vol. 1, 3-301  
CSMI\_PPU\_SCREENING\_TIMER Vol. 1, 3-303  
CSMI\_SCREENING\_TIMER Vol. 1, 3-305  
CUSTOMER\_GROUP\_IBNGRP\_OM\_COUNT Vol. 1, 3-307  
CWT\_ON\_POTS\_IBN\_3WC\_CONTROLLER Vol. 1, 3-309  
DAL\_PXFX\_ON\_SAME\_SPM Vol. 1, 3-311

DATA_COS	Vol. 1, 3-314
DB_MAX_SIZE	Vol. 1, 3-316
DCA_GATEWAY	Vol. 1, 3-318
DCH_BD_STATMUX_RATIO	Vol. 1, 3-320
DCND_TIMERS	Vol. 1, 3-323
DCT_MEM_LIMIT	Vol. 1, 3-325
DEBUG_HUNT_SWERRS	Vol. 1, 3-329
DEF_AMR5_CAT_CODE	Vol. 1, 3-331
DEFAULT_BEARER_CAPABILITY	Vol. 1, 3-333
DEFAULT_CARRIER_OR_TREAT	Vol. 1, 3-336
DEFAULT_COMMANDCLASS	Vol. 1, 3-338
DEFAULT_DCA_NETWORK	Vol. 1, 3-340
DEFAULT_LANGUAGE	Vol. 1, 3-342
DEFAULT_LSPAO	Vol. 1, 3-344
DEFAULT_LSPSO	Vol. 1, 3-346
DELAY_FSPAIS_ALARMS	Vol. 1, 3-348
DIAGHIST_M_LTF_COUNT	Vol. 1, 3-350
DIAGHIST_M_LTF_DETECTION	Vol. 1, 3-352
DIRP_PFILE_AUDIT	Vol. 1, 3-354
DISC_TIME_BILLED	Vol. 1, 3-356
DISCTO_TIMEOUT_VALUE	Vol. 1, 3-358
DM_HIT_TIME	Vol. 1, 3-360
DM_PCM_ENCODING	Vol. 1, 3-362
DMSBUS_POLL_FREQUENCY	Vol. 1, 3-364
DNLPIC_MAX_NUM_DN_TUPLES	Vol. 1, 3-366
DNPIC_MAX_NUM_DN_TUPLES	Vol. 1, 3-368
DRAM_BARGE_IN	Vol. 1, 3-370
DTSR_AUTO_DEACTIVATION_ENABLE	Vol. 1, 3-372
DYNAMIC_MEMORY_SIZE	Vol. 1, 3-374
E2ALINKEQP	Vol. 1, 3-377
E911_AUD_RING_FROM_PSAP	Vol. 1, 3-379
E911_LDT_PSAP_SW_STATUS	Vol. 1, 3-381
E911_LOCAL_ACCESS_ROH_TONE_TIME	Vol. 1, 3-383
EA_CCIS6_TANDEM_BILL	Vol. 1, 3-385
EA_ISUP_INTERMEDIATE_TANDEM	Vol. 1, 3-388
EA_MF_SS7_EXT_BLOCK_COUNT	Vol. 1, 3-390
EA_OCS_AND_DP_OVLP_NEEDED	Vol. 1, 3-393
EA_OCS_DIGCOL_METHOD	Vol. 1, 3-395
EA_OSS_HOLD_TIMEOUT_MINS	Vol. 1, 3-401
EA_OVERLAP_CARRIER_SELECTION	Vol. 1, 3-403
EA_TAB_CICSIZE4_OBSOLETE	Vol. 1, 3-405
EA_WITH_CD	Vol. 1, 3-407
EADAS_CIC_STATUS	Vol. 1, 3-409
EADAS24H_BUFFER_SIZE	Vol. 1, 3-411
EADAS30M_BUFFER_SIZE	Vol. 1, 3-414
EADAS60M_BUFFER_SIZE	Vol. 1, 3-417
EAEO_FOUR_DIGIT_CIC_STATUS	Vol. 1, 3-420
EAEO_OFFICE_TYPE	Vol. 1, 3-423
EBS_BUZZ_SPLASH_ON	Vol. 1, 3-425
EBS_TO_TRUNK_TRD_TIME	Vol. 1, 3-427
ENHANCED_DEAD_SYSTEM_ALARM	Vol. 1, 3-429

---

ESAENTRY Vol. 1, 3-431  
ESAEXIT Vol. 1, 3-433  
EXPIRED\_PASSWORD\_GRACE Vol. 1, 3-435  
FEATURE\_ADMIN\_CHARGE Vol. 1, 3-437  
FLOW\_CONTROL\_TIMEOUT Vol. 1, 3-439  
FRR\_ROUTING\_RULES\_OVERRIDE Vol. 1, 3-441  
FTRQ2WPERMS Vol. 1, 3-443  
FTRQ8WPERMS Vol. 1, 3-446  
FTRQ16WAREAS Vol. 1, 3-450  
FTRQAGENTS Vol. 1, 3-455  
FTRQAUDIT Vol. 1, 3-462  
FXOGS\_REMBSY\_BITS Vol. 1, 3-464  
GLOBAL\_CUTOFF\_ON\_DISCONNECT Vol. 1, 3-466  
GOS\_NUM\_RU Vol. 1, 3-470  
GROUND\_START\_DELAY Vol. 1, 3-473  
GUARANTEED\_TERMINAL\_CPU\_SHARE Vol. 1, 3-475  
HPC\_IAM\_Priority Vol. 1, 3-478  
IAM\_USE\_NAME\_CHARS Vol. 1, 3-480  
IMMEDIATE\_RING\_ENABLE Vol. 1, 3-482  
IMP\_DELAY Vol. 1, 3-484  
INTL\_GATEWAY\_OFFICE Vol. 1, 3-486  
INTL\_LOCAL\_OFFICE Vol. 1, 3-488  
INTRALATA\_DEFAULT\_USE\_TRKLATA Vol. 1, 3-490  
INWATS\_CCIS\_OSO\_ENABLE Vol. 1, 3-492  
INWATS\_LOCAL\_TERMINATION Vol. 1, 3-494  
INWATS\_ON\_AMA Vol. 1, 3-496  
IPGW\_PCM\_SELECTION Vol. 1, 3-498  
ISDN\_DPN\_PH\_GENERIC Vol. 1, 3-500  
ISDN\_NET\_1A\_INTERWORKING Vol. 1, 3-502  
ISDNBRI\_CNAMD\_CND\_ONE\_AMA Vol. 1, 3-504  
ISGBDOM\_BLKSIZE Vol. 1, 3-506  
ITS\_NUM\_CONCURRENT\_SESSIONS Vol. 1, 3-508  
KSET\_INTER\_GRP\_DISP Vol. 1, 3-510  
KSHUNT\_EXT\_BLOCKS Vol. 1, 3-512  
LCDI\_SYNC\_BURST Vol. 1, 3-515  
LCDI\_SYNC\_DELAY Vol. 1, 3-517  
LCDR\_SEC\_ANI\_TEST Vol. 1, 3-519  
LCML\_SYNC\_BURST Vol. 1, 3-521  
LCML\_SYNC\_DELAY Vol. 1, 3-522  
LDS\_ALERT\_NO\_CLID Vol. 1, 3-523  
LDS\_AUTO\_PROV\_ENABLED Vol. 1, 3-525  
LDS\_CWT\_TIMEOUT Vol. 1, 3-528  
LDS\_ENABLED Vol. 1, 3-531  
LDS\_OM\_ENABLED Vol. 1, 3-533  
LDS\_PATTERN Vol. 1, 3-535  
LDS\_RINGING\_ENABLED Vol. 1, 3-538  
LEAS\_FOUR\_DIGIT\_CIC\_STATUS Vol. 1, 3-540  
LEAS\_SS7\_CIC Vol. 1, 3-542  
LN\_LONG\_PARTIAL\_DIAL\_TIME Vol. 1, 3-544  
LN\_PERM\_SIG\_TIME Vol. 1, 3-547  
LN\_SHORT\_PARTIAL\_DIAL\_TIME Vol. 1, 3-549

LOCAL_LD_SPRI_ON_SAME_SPM	Vol. 1, 3-552
LOG_PRIORITIZATION	Vol. 1, 3-555
LONG_TIMED_RELEASE_DISC_TIME	Vol. 1, 3-557
LOWSPR_ALARM_ON_CARD_SPR_BASIS	**OBSOLETE** Vol. 1, 3-560
LSCM_SYNC_BURST	Vol. 1, 3-562
LSCM_SYNC_DELAY	Vol. 1, 3-565
LSPI_FORWARD	Vol. 1, 3-568
MARKET_OF_OFFICE	Vol. 1, 3-570
MAX_CMAP_SESSIONS	Vol. 1, 3-574
MAX_DTA_ON_SWITCH	Vol. 1, 3-576
MAX_HPC_CALLS_QUEUED	Vol. 1, 3-578
MAX_LINES	Vol. 1, 3-580
MAX_MADN_MEMBERS_PER_LSG	Vol. 1, 3-582
MAX_MFT_FILES	Vol. 1, 3-584
MAX_NO_OF_3_PORTS_IN_CHAIN	Vol. 1, 3-586
MAX_NO_OF_ALT_TEST_PROCS	Vol. 1, 3-588
MAX_NO_OF_TRANS_ID	Vol. 1, 3-590
MAX_NPT_SESSIONS	Vol. 1, 3-591
MAX_NRL_SESSIONS	Vol. 1, 3-593
MAX_NUM_PCM_RCVR	Vol. 1, 3-595
MAX_NUM_PRI_MWIC_CONTROL	Vol. 1, 3-597
MAX_NUM_WIDEBAND_CALLS	Vol. 1, 3-599
MAX_PROGRAMMERS	Vol. 1, 3-601
MAX_ROUTE_QUEUED_PER_TRKGRP	Vol. 1, 3-603
MAX_SDPOOL_NO	Vol. 1, 3-606
MAX_SUBSCRIBERS_IN_VLR	Vol. 1, 3-608
MAX_TRUNK_METER_BLOCKS	Vol. 1, 3-610
MAX_TRUNKS_IN_ACB_SCAN	Vol. 1, 3-612
MAXNUCS	Vol. 1, 3-614
MAXSTS	Vol. 1, 3-617
METER_AUDIT	Vol. 1, 3-619
MF_LAST_DIGIT_DELAY	Vol. 1, 3-621
MIN_NUMBER_OF_DIGS_RPTD_ON_OVLP	Vol. 1, 3-623
MIN_PASSWORD_LENGTH	Vol. 1, 3-625
MINIMUM_CHARGE_DURATION	Vol. 1, 3-626
MINIMUM_CLI_LENGTH	Vol. 1, 3-628
N5_CLB_TIMER	Vol. 1, 3-630
N5_USING_UTR	Vol. 1, 3-632
N6_CLB_TIMER	Vol. 1, 3-634
NACD_BRDCAST_INTERVAL	Vol. 1, 3-636
NACD_RI_DELTA_PARM	Vol. 1, 3-638
NATIONAL_COUNTRY_CODE	Vol. 1, 3-640
NCCBS	Vol. 1, 3-642
NETWORK_ELEMENT_ID	Vol. 1, 3-646
NFA_ANSWER_DETECT_TIME	Vol. 1, 3-648
NFA_IMPL_CONNECT_TIMER	Vol. 1, 3-650
NFA_IMPL_DISCON_RECON_TIMER	Vol. 1, 3-652
NFA_IMPLCT_BYPASS_UTR	Vol. 1, 3-655
NFA_INVERTED_WINK_DURATION	Vol. 1, 3-658
NFA_PRE_DIAL_DELAY_TIME	Vol. 1, 3-660
NMS_ACKNOWLEDGEMENT_TIMEOUT	Vol. 1, 3-662



---

NMULTIBLKS Vol. 1, 3-664  
NO\_ANS\_CALLS\_ONTAPE Vol. 1, 3-666  
NO\_LOCAL\_COIN\_EXT\_BLKs Vol. 1, 3-668  
NO\_OCCTS\_OM\_REGISTERS Vol. 1, 3-671  
NO\_OF\_CLONE\_TIDS Vol. 1, 3-673  
NO\_OF\_CRITICAL\_FTR\_DATA\_BLKs Vol. 1, 3-677  
NO\_OF\_FTR\_CONTROL\_BLKs Vol. 1, 3-680  
NO\_OF\_FTR\_XLA\_BLKs Vol. 1, 3-684  
NO\_OF\_HIS\_CONTROL\_BLKs Vol. 1, 3-687  
NO\_OF\_HIS\_DATA\_BLKs Vol. 1, 3-692  
NO\_OF\_HUGE\_EXT\_BLKs Vol. 1, 3-707  
NO\_OF\_LARGE\_EXT\_BLKs **\*\*OBSOLETE\*\*** Vol. 1, 3-709  
NO\_OF\_LARGE\_FTR\_DATA\_BLKs Vol. 1, 3-712  
NO\_OF\_MEDIUM\_EXT\_BLKs **\*\*OBSOLETE\*\*** Vol. 1, 3-715  
NO\_OF\_MEDIUM\_FTR\_DATA\_BLKs Vol. 1, 3-717  
NO\_OF\_ORIG\_INFO\_EXT\_BLKs Vol. 1, 3-721  
NO\_OF\_PVN\_EXTBLK Vol. 1, 3-724  
NO\_OF\_PVN\_TERM\_EXTBLK Vol. 1, 3-728  
NO\_OF\_SC\_EXT\_BLKs Vol. 1, 3-731  
NO\_OF\_SMALL\_EXT\_BLKs **\*\*OBSOLETE\*\*** Vol. 1, 3-734  
NO\_OF\_SMALL\_FTR\_DATA\_BLKs Vol. 1, 3-738  
NO\_OF\_X\_LARGE\_FTR\_DATA\_BLKs Vol. 1, 3-741  
NO\_OF\_XLARGE\_EXT\_BLKs Vol. 1, 3-743  
NO\_RING\_ON\_TIP\_FOR\_LM Vol. 1, 3-747  
NO\_TFAN\_OM\_REGISTERS Vol. 1, 3-749  
NODE Vol. 1, 3-751  
NOP\_DNA\_DEFAULT\_ACCESS Vol. 1, 3-753  
NOP\_USERID\_SECURITY\_ACCESS Vol. 1, 3-755  
NORM\_CALL\_SS7\_IAM\_MSG\_PRIORITY Vol. 1, 3-757  
NOS\_QUANTITY\_OF\_SVCS Vol. 1, 3-759  
NRS\_AUD\_DELAY Vol. 1, 3-761  
NSS\_RDD\_REPLDIGS\_LENGTH\_A Vol. 1, 3-763  
NSS\_RDD\_REPLDIGS\_LENGTH\_B Vol. 1, 3-765  
NTC\_RNGBACK\_TIME Vol. 1, 3-767  
NUM\_CALLREC\_STREAMS Vol. 1, 3-769  
NUM\_DCR\_EXT\_BLKs **\*\*OBSOLETE\*\*** Vol. 1, 3-771  
NUM\_DCR\_NP\_ACCESS Vol. 1, 3-774  
NUM\_ENGR\_NWM\_TRKGRP\_CTRLs Vol. 1, 3-776  
NUM\_IBN\_IXLA\_EXT\_BLOCKS Vol. 1, 3-778  
NUM\_ICAMA\_RECORDING\_UNITS Vol. 1, 3-781  
NUM\_ICT\_EXT\_BLKs Vol. 1, 3-783  
NUM\_INDA\_EXT\_BLKs Vol. 1, 3-785  
NUM\_INTL\_RECORDING\_UNITS Vol. 1, 3-787  
NUM\_ISUP\_EXT\_BLKs Vol. 1, 3-789  
NUM\_MTR\_EXT\_BLOCKS Vol. 1, 3-790  
NUM\_OF\_CCIS\_INWATS\_BLOCKS Vol. 1, 3-795  
NUM\_OF\_INWATS\_EXT\_BLOCKS Vol. 1, 3-798  
NUM\_OF\_NSC\_EXT\_BLK Vol. 1, 3-801  
NUM\_OF\_NT\_RECORDING\_UNITS Vol. 1, 3-805  
NUM\_OF\_RTEB\_EXTBLKS Vol. 1, 3-808  
NUM\_RC\_EXT\_BLKs Vol. 1, 3-811

NUM\_SME\_CONTROL\_BLOCKS Vol. 1, 3-815  
NUM\_SME\_DATA\_BLOCKS Vol. 1, 3-818  
NUMBER\_OF\_CDR\_UNITS Vol. 1, 3-820  
NUMBER\_OF\_DIGITS\_PER\_DN Vol. 1, 3-822  
NUMBER\_OF\_DITM\_EXTENSION\_BLOCKS Vol. 1, 3-824  
NUMCALLPROCESSES Vol. 1, 3-827  
NUMCPWAKE Vol. 1, 3-830  
NUMECCBS Vol. 1, 3-836  
NUMIBNCQEXTBLK Vol. 1, 3-838  
NUMLONGBUFFERS Vol. 1, 3-841  
NUMOHCQBQTRANSBLKS Vol. 1, 3-844  
NUMPERMEXT Vol. 1, 3-846  
NUMTLBS Vol. 1, 3-848  
NWMTGBLU Vol. 1, 3-851  
NX25\_RR\_EACH Vol. 1, 3-852  
OAM\_HW\_PRESENT Vol. 1, 3-854  
OCCTS\_ENHANCED\_FEATURE Vol. 1, 3-856  
OCCTS\_IN\_MAX\_NUMBER Vol. 1, 3-858  
OCCTS\_OUT\_MAX\_NUMBER Vol. 1, 3-861  
OFFICE\_CLLI\_NAME Vol. 1, 3-864  
OFFICE\_DS\_FUNCTION\_NUMBER Vol. 1, 3-866  
OFFICE\_DS\_SQD\_SAMPLING\_RATE Vol. 1, 3-868  
OFFICE\_ID\_ON\_AMA\_TAPE Vol. 1, 3-870  
OFFICE\_ID\_ON\_CDR\_TAPE Vol. 1, 3-871  
OFFICE\_LANGUAGE Vol. 1, 3-872  
OMPRTFORMAT Vol. 1, 3-875  
OMTAPESUPPRESSION Vol. 1, 3-876  
OMTELCOLABEL Vol. 1, 3-877  
OMXFR Vol. 1, 3-878  
ORIGS\_TO\_BLEED Vol. 1, 3-880  
ORIGTHRES Vol. 1, 3-883  
OS\_CALLS\_WAITING\_Q\_SIZE Vol. 1, 3-886  
OS\_CT\_SEARCH\_DEPTH Vol. 1, 3-887  
OS\_NUM\_CALL\_QUEUES Vol. 1, 3-889  
OS\_NUM\_POSITIONS Vol. 1, 3-891  
OSAC\_NUM\_RU Vol. 1, 3-893  
OSSAIN\_NUM\_RU Vol. 1, 3-895  
PASSWORD\_LIFETIME Vol. 1, 3-898  
PATCH\_BUNDLE Vol. 1, 3-900  
PHINFO\_AUDIT\_TIME Vol. 1, 3-902  
PLUS48V\_OVERTIME\_COIN\_TEST Vol. 1, 3-904  
PM\_PCM\_PROTOCOL\_SELECTION Vol. 1, 3-906  
POLL\_SCHEDULER **\*\*OBSOLETE\*\*** Vol. 1, 3-909  
PPMBUFFS Vol. 1, 3-911  
PREEMPTABLE\_CONF6\_THRESHOLD Vol. 1, 3-914  
PRINT\_NET102\_LOGS Vol. 1, 3-915  
PSTN\_GT\_SIZE Vol. 1, 3-917  
QMSFM\_NUM\_QUEUES Vol. 1, 3-919  
QMSFM\_NUM\_SERVICES Vol. 1, 3-921  
QMSFM\_NUM\_STUDY\_REG Vol. 1, 3-923

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## Office Parameters Reference Manual Volume 2 of 3

### OFCENG, OFCOPT, OFCSTD, ISDNVAR

#### 1 OFCENG parameters (continued)

Vol. 2, 1-1

R2\_AN\_ANSWER\_FLTR\_TIME Vol. 2, 1-2  
 R2\_AN\_BLK\_FLTR\_TIME Vol. 2, 1-4  
 R2\_AN\_CLR\_BCK\_FLTR\_TIME Vol. 2, 1-6  
 R2\_AN\_CLR\_FWD\_FLTR\_TIME Vol. 2, 1-8  
 R2\_AN\_IDLE\_FLTR\_TIME Vol. 2, 1-10  
 R2\_AN\_OG\_CSM\_FLTR\_TIME Vol. 2, 1-12  
 R2\_AN\_RE\_ANS\_FLTR\_TIME Vol. 2, 1-14  
 R2\_AN\_RLS\_ACK\_FLTR\_TIME Vol. 2, 1-16  
 R2\_AN\_RTS\_GUARD\_TIME Vol. 2, 1-18  
 R2\_AN\_SEIZE\_FLTR\_TIME Vol. 2, 1-20  
 R2\_AN\_WAIT\_BEFORE\_CF Vol. 2, 1-21  
 R2\_AN\_WAIT\_FOR\_ANSWER Vol. 2, 1-23  
 R2\_AN\_WAIT\_FOR\_IDLE Vol. 2, 1-25  
 R2\_AN\_WAIT\_FOR\_RLS\_ACK Vol. 2, 1-27  
 R2\_TEST\_CALL\_ANI Vol. 2, 1-29  
 R2DIG\_ABNRML\_DURING\_IDLE Vol. 2, 1-31  
 R2DIG\_ABNRML\_DURING\_OPLS Vol. 2, 1-33  
 R2DIG\_ANSWER\_FLTR\_TIME Vol. 2, 1-35  
 R2DIG\_BLK\_FLTR\_TIME Vol. 2, 1-37  
 R2DIG\_CD\_BITS Vol. 2, 1-39  
 R2DIG\_CLR\_BCK\_FLTR\_TIME Vol. 2, 1-40  
 R2DIG\_CLR\_FWD\_FLTR\_TIME Vol. 2, 1-42  
 R2DIG\_HOLD\_SZ\_IN\_Glare Vol. 2, 1-44  
 R2DIG\_IDLE\_AFTER\_GLARE Vol. 2, 1-46  
 R2DIG\_IDLE\_FLTR\_TIME Vol. 2, 1-48  
 R2DIG\_OG\_CSM\_FLTR\_TIME Vol. 2, 1-50  
 R2DIG\_RE\_ANS\_FLTR\_TIME Vol. 2, 1-52  
 R2DIG\_SEIZE\_ACK\_FLTR\_TIME Vol. 2, 1-54  
 R2DIG\_SEIZE\_FAILURE\_TIME Vol. 2, 1-56  
 R2DIG\_SEIZE\_FLTR\_TIME Vol. 2, 1-58  
 R2DIG\_WAIT\_FOR\_ANSWER Vol. 2, 1-60  
 R2DIG\_WAIT\_FOR\_SEIZE\_ACK Vol. 2, 1-62  
 R2SM\_TIMEOUT Vol. 2, 1-64  
 RDT\_SO\_AUTOCREATE\_LNINV Vol. 2, 1-66  
 RECOVERY\_INTERVAL\_AFTER\_RELOAD Vol. 2, 1-69  
 RECOVERY\_INTERVAL\_AFTER\_WARMCOLD Vol. 2, 1-71  
 REMTERMEQP Vol. 2, 1-73  
 REVERSE\_EC\_EQUIP Vol. 2, 1-75  
 REVRING Vol. 2, 1-77  
 RING\_NO\_ANSWER\_TMO Vol. 2, 1-80  
 RINGCTRL\_MIN\_VALUE Vol. 2, 1-82  
 RINGCTRL\_ZERO\_CAN\_RING Vol. 2, 1-84  
 RLCM\_ESA\_NOTIFY\_TONE Vol. 2, 1-86  
 RLCM\_ESAENTRY\_BADCSIDE Vol. 2, 1-88  
 RLCM\_ESAENTRY\_BADLINK Vol. 2, 1-90

RLCM\_ESASDUPD\_BOOL Vol. 2, 1-92  
RLCM\_ESASDUPD\_HOUR Vol. 2, 1-94  
RLCM\_XPMESAEXIT Vol. 2, 1-96  
RM\_SYNC\_BURST Vol. 2, 1-98  
RM\_SYNC\_DELAY Vol. 2, 1-100  
RMI\_RING\_TIMERS Vol. 2, 1-102  
RNG\_TMEOUT\_NO\_OF\_SECS Vol. 2, 1-104  
RNG\_TMEOUT\_TKLN\_SECS Vol. 2, 1-106  
ROTL\_OUT\_OF\_SERVICE\_LEVEL Vol. 2, 1-108  
ROTL\_TIME\_IN\_20MIN Vol. 2, 1-110  
ROUTE\_ON\_FOT Vol. 2, 1-111  
RSC\_ESA\_NOTIFY\_TONE Vol. 2, 1-113  
RSC\_ESASDUPD\_BOOL Vol. 2, 1-115  
RSC\_ESASDUPD\_HOUR Vol. 2, 1-117  
RSC\_XPMESAEXIT Vol. 2, 1-119  
RSDT\_ENABLED Vol. 2, 1-122  
SAPARMS Vol. 2, 1-124  
SC\_OP\_ANI\_REQ\_TIME Vol. 2, 1-126  
SCREEN\_AC\_LOGIDS Vol. 2, 1-128  
SDB\_QUERY\_TIMEOUT Vol. 2, 1-130  
SDS\_ENABLED Vol. 2, 1-132  
SEP\_EQUIPPED Vol. 2, 1-134  
SERVORD\_TABLE\_PROTECTION\_ON Vol. 2, 1-136  
SET\_TO\_UNBALANCE Vol. 2, 1-138  
SILENT\_SWITCHMAN\_TIMEOUT Vol. 2, 1-140  
SIMRING\_CENTREX\_CONTROL Vol. 2, 1-142  
SIMRING\_RES\_CONTROL Vol. 2, 1-144  
SLE\_ITEMS\_IN\_SEGMENT Vol. 2, 1-146  
SLE\_MAX\_PROGRAMMERS Vol. 2, 1-149  
SLE\_MAX\_SEGMENT\_COUNT Vol. 2, 1-151  
SLE\_TCAP\_RESPONSE\_TIME Vol. 2, 1-153  
SLE\_TRANSACTION\_THRESHOLD Vol. 2, 1-155  
SLE\_WAKEUP\_TIME Vol. 2, 1-157  
SO\_MAX\_OPTIONS\_ALLOWED Vol. 2, 1-159  
SOUTHBOUND-Canada only Vol. 2, 1-161  
SPCCLITIMEOUT-Canada only Vol. 2, 1-163  
SPDD\_DIGIT Vol. 2, 1-165  
SPILL\_ANI\_9 Vol. 2, 1-167  
SPMS\_START\_OF\_MONTH Vol. 2, 1-169  
SPP\_MAX\_PROGRAMMERS Vol. 2, 1-171  
SR60\_BURST\_MODE\_SUPPORTED Vol. 2, 1-173  
SRA\_BILLING Vol. 2, 1-175  
SRA\_TIMERS Vol. 2, 1-177  
SRA\_TREATMENT Vol. 2, 1-179  
SRDBUPD\_SWITCH\_ID Vol. 2, 1-181  
SS7\_CONGESTION\_CONTROL\_TIME Vol. 2, 1-183  
SSP\_EA\_ACKWINK\_DELAY\_TIME Vol. 2, 1-185  
SSP\_NSC\_CARRIER\_ID Vol. 2, 1-187  
ST\_AUDIT\_START\_TIME Vol. 2, 1-189  
STINV\_BLOCK\_SIZE Vol. 2, 1-191

---

SUPPRESS\_ANI\_TO\_CLID\_DISPLAY Vol. 2, 1-193  
SWCT\_AMA\_PREBILLING Vol. 2, 1-195  
T108ISDN\_TIMEOUT\_IN\_MINUTES Vol. 2, 1-197  
TABLE\_ADJNODE\_INUSE Vol. 2, 1-199  
TALK\_BATTERY\_ALARM Vol. 2, 1-201  
TAPEXLATE Vol. 2, 1-203  
TCM\_SYNC\_LINES Vol. 2, 1-205  
TCM\_SYNC\_MONITOR\_PERIOD Vol. 2, 1-207  
TCM\_SYNC\_THRESHOLD Vol. 2, 1-209  
TCW\_OFFERED\_ON\_SCWID\_DSCWID Vol. 2, 1-211  
TFAN\_DEFAULT\_REG\_LOG Vol. 2, 1-213  
TFAN\_IN\_MAX\_NUMBER Vol. 2, 1-215  
TFAN\_OUT\_MAX\_NUMBER Vol. 2, 1-218  
TLINK\_DELAY Vol. 2, 1-221  
TLINK\_DET\_TIMEOUT Vol. 2, 1-223  
TLINK\_EST\_TIMEOUT Vol. 2, 1-225  
TOLL\_OFFICE\_DELAYED BILLING Vol. 2, 1-227  
TOPS\_0PLUS\_LOCAL Vol. 2, 1-229  
TOPS\_ACCS\_ACG Vol. 2, 1-231  
TOPS\_ACCS\_MANUAL\_VALIDATION Vol. 2, 1-233  
TOPS\_ACTS Vol. 2, 1-235  
TOPS\_ASST\_POS Vol. 2, 1-237  
TOPS\_BRAND\_DISPLAY Vol. 2, 1-239  
TOPS\_BRAND\_INWARDS Vol. 2, 1-241  
TOPS\_BRAND\_OFFICE Vol. 2, 1-243  
TOPS\_EA\_INTERLATA\_NONOPR\_AMA Vol. 2, 1-245  
TOPS\_EQUAL\_ACCESS\_OFFICE Vol. 2, 1-247  
TOPS\_EXPANDED\_OPRNUM Vol. 2, 1-249  
TOPS\_GEN\_AMA\_SET Vol. 2, 1-251  
TOPS\_MAX\_OPERATOR\_NUM Vol. 2, 1-254  
TOPS\_MAX\_ORIG\_RATE\_CENTER Vol. 2, 1-256  
TOPS\_MAX\_TERM\_RATE\_CENTER Vol. 2, 1-257  
TOPS\_NIGHT\_ALARM\_ON\_POS\_BUSY Vol. 2, 1-258  
TOPS\_NUM\_CAMA\_RU Vol. 2, 1-260  
TOPS\_NUM\_OC\_EXT Vol. 2, 1-263  
TOPS\_NUM\_RU Vol. 2, 1-265  
TOPS\_NUM\_STUDY\_REG Vol. 2, 1-268  
TOPS\_NUM\_TRAFFIC\_OFFICES Vol. 2, 1-269  
TOPS\_NUMBER\_OF\_MEMO\_PADS Vol. 2, 1-271  
TOPS\_OC\_ENVIRONMENT Vol. 2, 1-273  
TOPS\_OC\_REMOTE\_BVC Vol. 2, 1-275  
TOPS\_PASSWORD\_ENABLE Vol. 2, 1-276  
TOPS\_QMS\_MAX\_ACTIVE\_CALL\_QUEUES Vol. 2, 1-279  
TOPS\_SDB\_CCV\_QUERY\_BLK Vol. 2, 1-281  
TOPS\_THRESHOLD Vol. 2, 1-283  
TOTAL\_ROUTE\_QUEUED\_CALLS Vol. 2, 1-285  
TQMS\_MIS\_MPC\_BUFFS Vol. 2, 1-288  
TQMS\_MIS\_TEST\_LOGS Vol. 2, 1-289  
TRANSIT\_COUNTER\_LIMIT Vol. 2, 1-291  
TRBQ\_EBS\_LINE\_AFTER\_MISDIALS Vol. 2, 1-293

TRIGDIG\_NUM\_DGLTR\_POOLS Vol. 2, 1-295  
TRK\_MEMSEL\_AUDIT\_TIME Vol. 2, 1-297  
TYPE\_OF\_ACCS Vol. 2, 1-299  
TYPE\_OF\_NETWORK Vol. 2, 1-301  
U3WC\_ELAPSED\_TIME Vol. 2, 1-303  
U3WC\_FLASH\_ONLY Vol. 2, 1-305  
U3WC\_POTS\_ENABLED Vol. 2, 1-307  
UCFW\_STAYS\_ON\_LINE Vol. 2, 1-309  
UK\_OP\_DELAY Vol. 2, 1-311  
UNIQUE\_BY\_SITE\_NUMBERING Vol. 2, 1-313  
UNIVERSAL\_AMA\_BILLING Vol. 2, 1-315  
USE\_ZEROMPOS\_FOR\_CAMA Vol. 2, 1-317  
USP\_ENABLED Vol. 2, 1-319  
VALIDATE\_CCITT\_LUHN\_DIGIT Vol. 2, 1-321  
VPN\_PREFIX\_DIGS Vol. 2, 1-323  
VSN\_SIMULATOR\_ON Vol. 2, 1-325  
WAKEUP\_REREQUEST\_DELAY Vol. 2, 1-326  
WAKEUP\_RINGING\_TMO Vol. 2, 1-328  
WUCR\_RINGING\_TIMEOUT Vol. 2, 1-330  
ZERO\_MINUS\_LOCAL\_CARRIER Vol. 2, 1-332  
ZERO\_MINUS\_TO\_CARRIER Vol. 2, 1-334  
ZERO\_PLUS\_LOCAL\_CARRIER Vol. 2, 1-336  
ZONE\_OF\_ORIGIN Vol. 2, 1-338

---

**2 OFCOPT parameters**

**Vol. 2, 2-1**

ACD\_LOAD\_MGMT\_RESTRICTIONS Vol. 2, 2-2  
ACOU\_DATAFILLED Vol. 2, 2-4  
ADSI\_RAM\_BASED\_TONE Vol. 2, 2-6  
AMA\_EBCDIC\_CONVERT\_ENABLE Vol. 2, 2-8  
AMREP\_ACTIVE Vol. 2, 2-10  
AQ\_CLD\_NUM\_ON\_NC Vol. 2, 2-12  
AR\_PRIV\_LESS\_THAN\_10\_DIGITS Vol. 2, 2-14  
AUD\_AUTH\_ALLOWED Vol. 2, 2-16  
CALL\_TRF Vol. 2, 2-18  
CASUAL\_FEATURES\_OFF Vol. 2, 2-20  
CCS7\_H0H1\_RCP Vol. 2, 2-21  
CCTO\_COMB\_BILL Vol. 2, 2-23  
CCTO\_COMB\_BILL-CANADA ONLY Vol. 2, 2-25  
CCW\_ACTIVE Vol. 2, 2-27  
CKT\_LOC Vol. 2, 2-30  
CM\_PROCESSOR\_OPTION **\*\*OBSOLETE\*\*** Vol. 2, 2-32  
CND\_PRIV\_LESS\_THAN\_10\_DIGITS Vol. 2, 2-34  
DELIVER\_NUMBER\_TO\_SMDI\_ON\_3WC Vol. 2, 2-36  
DIS\_LKD\_CKT Vol. 2, 2-38  
DSR\_OFFICE Vol. 2, 2-39  
EA\_LATANAME\_IN\_SERVORD Vol. 2, 2-42  
EADAS\_SHORT\_XFER\_ALLOWED-U.S.only Vol. 2, 2-44  
ENET\_AVAILABLE Vol. 2, 2-46  
ENET\_MAX\_CHANNEL\_GROUP Vol. 2, 2-48  
ENHANCED\_COMMAND\_SCREENING Vol. 2, 2-50

---

ENHANCED\_PASSWORD\_CONTROL Vol. 2, 2-52  
ERL\_SPT Vol. 2, 2-54  
EXPANDED\_INBAND\_PERMITTED Vol. 2, 2-56  
FIVMIN\_SNAPSHOT\_ENABLED-U.S. only Vol. 2, 2-58  
FLEXIBLE\_DIGIT\_ANALYSIS Vol. 2, 2-60  
FRB\_RINGING\_TIME Vol. 2, 2-62  
FREE\_NUMBER\_DENIAL Vol. 2, 2-64  
FRIU\_BILLING\_COUNT\_FORMAT Vol. 2, 2-66  
GATEWAY\_CDR\_RECORD\_ID Vol. 2, 2-68  
GRP\_NUM\_FEAT\_CTRL Vol. 2, 2-71  
HNT\_SO\_SIMPLIFICATION Vol. 2, 2-73  
IBN\_CFW Vol. 2, 2-75  
IBN\_DATA\_LINE\_SPLIT Vol. 2, 2-76  
ILR\_OPTIONS **\*\*OBSOLETE\*\*** Vol. 2, 2-78  
INTERCOM Vol. 2, 2-80  
INTL\_INTRASWITCHING Vol. 2, 2-82  
ISDN\_INFO\_EXT\_REC Vol. 2, 2-84  
ISUP\_SUBGRP\_GLARE\_AVAILABLE Vol. 2, 2-86  
KEYSET\_SRT Vol. 2, 2-89  
LAMA\_OFFICE Vol. 2, 2-91  
LCM\_PM\_MSG\_CNT Vol. 2, 2-93  
LOCAL\_COIN\_OVERTIME\_FEATURE Vol. 2, 2-95  
LOOP\_BACK Vol. 2, 2-97  
MAX\_ACDMIS\_SESSIONS Vol. 2, 2-99  
MAX\_BCLID\_DATA\_LINKS Vol. 2, 2-102  
MAX\_BRA\_LINES Vol. 2, 2-104  
MAX\_DATA\_LINES Vol. 2, 2-106  
MAX\_LAPB\_TERMINALS Vol. 2, 2-109  
MAX\_LAPD\_TERMINALS Vol. 2, 2-111  
MAX\_MBG\_LINES Vol. 2, 2-113  
MAX\_NUM\_ACD\_AGENTS\_PER\_SWITCH Vol. 2, 2-115  
MAX\_NUM\_CTX\_ASSOC Vol. 2, 2-117  
MAX\_NUM\_ECM\_ACDEVENT Vol. 2, 2-120  
MAX\_NUM\_ECM\_CALLINIT Vol. 2, 2-122  
MAX\_NUM\_ECM\_CTXEVENT Vol. 2, 2-124  
MAX\_NUM\_ECM\_DNQUERY Vol. 2, 2-126  
MAX\_NUM\_ECM\_ICCM Vol. 2, 2-128  
MAX\_NUM\_ECM\_LINE\_MAKECALL Vol. 2, 2-130  
MAX\_NUM\_ECM\_LINE\_SCAI3WC Vol. 2, 2-132  
MAX\_NUM\_ECM\_LINE\_SCAICC Vol. 2, 2-134  
MAX\_NUM\_ECM\_LINE\_SCAIMWT Vol. 2, 2-136  
MAX\_NUM\_ECM\_RESEVENT Vol. 2, 2-138  
MAX\_NUM\_ECM\_RESOURCE Vol. 2, 2-140  
MAX\_NUM\_ECM\_ROUTING Vol. 2, 2-142  
MAX\_NUM\_ECM\_SCAI3WC Vol. 2, 2-144  
MAX\_NUM\_ECM\_SCAICC Vol. 2, 2-146  
MAX\_NUM\_ECM\_SCAIMWTI Vol. 2, 2-148  
MAX\_NUM\_ECM\_SVC Vol. 2, 2-150  
MAX\_NUM\_ECM\_TPAC Vol. 2, 2-152  
MAX\_NUM\_ECM\_TPCC Vol. 2, 2-154  
MAX\_NUM\_ECM\_TPQC Vol. 2, 2-156

MAX_NUM_RES_ASSOC	Vol. 2, 2-158
MAX_PDATA_LINES	Vol. 2, 2-160
MAX_PRI_LINKS	Vol. 2, 2-162
MAX_RCUS_PER_SMU	Vol. 2, 2-164
MAX_RES_LINES	Vol. 2, 2-166
MAX_TRKMEM_PER_SWITCH	Vol. 2, 2-169
MODEM_DIALBACK_CONTROL	Vol. 2, 2-171
MONITOR_TABLE_ACCESS	Vol. 2, 2-173
N5_ANSWER_PROP_DELAY	Vol. 2, 2-175
NETWORK_ACTIVE	Vol. 2, 2-177
NETWORK_ICM_ACTIVE	Vol. 2, 2-180
NOISE_MEAS	Vol. 2, 2-182
NORTHAM_TOLLFREE_VARIANT	Vol. 2, 2-184
NRS_MP	Vol. 2, 2-187
NRTEST	Vol. 2, 2-189
NWM_STR_CTRL	Vol. 2, 2-191
OMHISTORYON	Vol. 2, 2-193
OMINERLANGS	Vol. 2, 2-195
OPTIONAL_SLU_FEATURE	Vol. 2, 2-197
PASSWORD_ENCRYPTED	Vol. 2, 2-199
PI_CALL_TOPO	Vol. 2, 2-201
PRI_LINK_PRICING	Vol. 2, 2-203
PTS_RUNNING_EDTK	Vol. 2, 2-205
QCUST_CMD	Vol. 2, 2-207
RLM_INTRA_OPT	Vol. 2, 2-209
SCC2_LOGS	Vol. 2, 2-211
SDOC3_ENABLE	Vol. 2, 2-212
SMDR_OFFICE	Vol. 2, 2-214
SO_BULK_DMO	Vol. 2, 2-216
SO_DID	Vol. 2, 2-217
SO_ECHO	Vol. 2, 2-219
SO_RCF	Vol. 2, 2-220
SPEED_CALL_ACCESS_DIGITS	Vol. 2, 2-222
<del>SPM_MAX_MSGTRK_CARRIER</del>	<del>Vol. 2, 2-224</del>
<del>SPM_MAX_PRITRK_CARRIER</del>	<del>Vol. 2, 2-226</del>
SUPPRESS_USERNAME	Vol. 2, 2-228
TFAN_ENHANCED_FEATURE	Vol. 2, 2-230
TIE_ROUTE_INFO_EXT_REC	Vol. 2, 2-233
TOPS_DA_PARS_ENABLE	Vol. 2, 2-235
TOPS_MCCS_BNS	Vol. 2, 2-237
TOPS_MCCS_CCV	Vol. 2, 2-239
TOPS_PO_PB_CHARS	Vol. 2, 2-241
TOPS_SUPPRESS_CW	Vol. 2, 2-243
TRAFFIC_INFO_EXT_REC	Vol. 2, 2-245
TWO_WAY_FOR_AMR5	Vol. 2, 2-247
TWO_WAY_FOR_OC	Vol. 2, 2-248
TWO_WAY_FOR_OP	Vol. 2, 2-250
US_CUG_ENABLED	Vol. 2, 2-252
USINGSITE	Vol. 2, 2-254
UT_MAX_AND_CURRENT_TRUNK_COUNT	Vol. 2, 2-255
VSLE_PRESENT	Vol. 2, 2-257



---

XPM\_CSIDE\_DMSX Vol. 2, 2-259  
 XPM\_MATE\_DIAGNOSTICS\_AVAILABLE Vol. 2, 2-261  
 ZERO\_PLUS\_FEATURE Vol. 2, 2-263

---

### 3 OFCSTD parameters

**Vol. 2, 3-1**

AC\_AUDIT\_INTERVAL Vol. 2, 3-2  
 AC\_MAX\_NUM\_ERRORS Vol. 2, 3-4  
 AC\_TPB\_BSY\_RCV Vol. 2, 3-6  
 AC\_TPB\_BSY\_SND Vol. 2, 3-8  
 ACD\_AGENTQ\_AUDIT\_INTERVAL Vol. 2, 3-10  
 ACD\_CALL\_QUEUE\_AUDIT\_INTERVAL Vol. 2, 3-12  
 ATT\_NOSTART\_DIALS Vol. 2, 3-14  
 AUDHIGHFREQ Vol. 2, 3-16  
 AUDIT\_INTERVAL Vol. 2, 3-17  
 AUDLOWFREQ Vol. 2, 3-18  
 AUDMEDFREQ Vol. 2, 3-19  
 AUDVLOWFREQ Vol. 2, 3-20  
 BCS\_NUMBER Vol. 2, 3-22  
 CARD\_X53 Vol. 2, 3-24  
 CHANNEL\_UNIT\_601\_PRESENT Vol. 2, 3-26  
 CHECK\_FIELD\_NAME Vol. 2, 3-29  
 CONSOLE\_SILO\_CHARS Vol. 2, 3-31  
 CONSOLE\_SILO\_RECORDS Vol. 2, 3-33  
 CPSTACKSIZES Vol. 2, 3-35  
 CUG\_REGION Vol. 2, 3-38  
 DCM\_PARITY\_FILTER Vol. 2, 3-40  
 DIGIT\_COL\_OFFICE\_CODE Vol. 2, 3-42  
 DIRPKILL\_IN\_EFFECT Vol. 2, 3-46  
 DPREC\_INTER\_DGT\_TIMING Vol. 2, 3-48  
 DUMP\_RESTORE\_IN\_PROGRESS Vol. 2, 3-50  
 E911\_PSAP\_REC\_PRE\_WK\_TIME Vol. 2, 3-52  
 E911\_NPD\_TO\_NPA\_CONV\_IN\_EFFECT Vol. 2, 3-54  
 E911\_PSAPS\_USING\_1\_INFO\_DIGIT Vol. 2, 3-56  
 EA\_REC\_1ST\_PRE\_WK\_TIME Vol. 2, 3-59  
 EA\_REC\_MAX\_WK\_TIME Vol. 2, 3-61  
 EA\_REC\_SUB\_PRE\_WK\_TIME Vol. 2, 3-63  
 EAEO\_REC\_1ST\_PRE\_WK\_TIME Vol. 2, 3-65  
 EAEO\_REC\_2ND\_PRE\_WK\_TIME Vol. 2, 3-67  
 FREEZE\_ON\_REINIT Vol. 2, 3-69  
 HBS\_SPOOLER\_ACT Vol. 2, 3-71  
 HM\_INTERPULSE\_TIME Vol. 2, 3-73  
 HM\_PULSE\_TIME Vol. 2, 3-75  
 IMMED\_PRE\_DIAL\_DELAY Vol. 2, 3-77  
 ISDD\_OM\_THRESHOLD Vol. 2, 3-79  
 MAX\_COLDS Vol. 2, 3-81  
 MAX\_EMERG\_ICI Vol. 2, 3-82  
 MAX\_LOCKED\_TRAPS Vol. 2, 3-84  
 MAX\_SANITY\_TIMEOUTS Vol. 2, 3-85  
 MAX\_WARMS Vol. 2, 3-86  
 MAXIMUM\_ONHK\_FLASH Vol. 2, 3-87

MIN\_REC\_DP\_PULSE\_WD Vol. 2, 3-89  
MINIMUM\_ONHK\_FLASH Vol. 2, 3-91  
MK\_BRK\_DP\_OUTPULSING Vol. 2, 3-93  
MTCBASE\_EXTRAMSG Vol. 2, 3-95  
MTCBASE\_SCPD Vol. 2, 3-97  
NEW\_CF6P\_CCT Vol. 2, 3-99  
NEW\_PS\_PIPE Vol. 2, 3-100  
NO\_ESB\_RINGBACK\_CYCLES\_IDENT Vol. 2, 3-101  
NO\_ESB\_RINGBACK\_CYCLES\_NONIDENT Vol. 2, 3-102  
NORTEL\_ID Vol. 2, 3-104  
NUMOUTBUFFS Vol. 2, 3-105  
OFFICETYPE Vol. 2, 3-107  
OPM\_CHARGE\_DURATION Vol. 2, 3-110  
OPM\_CHARGE\_START\_TIME Vol. 2, 3-112  
OPM\_DISCHARGE\_TIME Vol. 2, 3-114  
OPM\_MIN\_CHG\_VOLT Vol. 2, 3-116  
OPM\_VOLT\_TST\_CHG Vol. 2, 3-118  
OPM\_VOLT\_TST\_DIS Vol. 2, 3-120  
OPM\_VOLT\_TST\_LTU\_ADJUSTMENT Vol. 2, 3-122  
OPM\_VOLT\_TST\_OCC Vol. 2, 3-124  
PM180 Vol. 2, 3-126  
PRE\_ANI\_SPILL\_DELAY Vol. 2, 3-128  
PRE\_SND\_WK\_DD\_TIME Vol. 2, 3-130  
RATE\_PERIOD\_SPECIFIC\_BILLING Vol. 2, 3-132  
REC\_MAX\_DD\_TIME Vol. 2, 3-134  
REC\_MAX\_WK\_TIME Vol. 2, 3-136  
REC\_MIN\_DD\_TIME Vol. 2, 3-138  
REC\_MIN\_WK\_TIME Vol. 2, 3-140  
REC\_PRE\_DD\_TIME Vol. 2, 3-142  
REC\_PRE\_WK\_TIME Vol. 2, 3-144  
RONIXFR Vol. 2, 3-146  
RP\_INTER\_SELECTION\_TIMER Vol. 2, 3-148  
RP\_INTRA\_SELECTION\_TIMER Vol. 2, 3-150  
RP\_OVERALL\_TIMER Vol. 2, 3-152  
SCP\_DELAY Vol. 2, 3-154  
SHORT\_TIMED\_RELEASE\_DISC\_TIME Vol. 2, 3-156  
SND\_DD\_TIME Vol. 2, 3-159  
SND\_DP\_WK\_TIME Vol. 2, 3-161  
SND\_MF\_WK\_TIME Vol. 2, 3-163  
SWHK\_FLTR\_TIME\_400MS\_ENABLED Vol. 2, 3-165  
SWHK\_FLTR\_TIME\_640MS\_ENABLED Vol. 2, 3-168  
TERM\_REV\_FREQ\_ANN\_TIME Vol. 2, 3-171  
TRAP\_THRESHOLD Vol. 2, 3-173  
UCD\_QSL\_AUDIT\_INTERVAL Vol. 2, 3-175  
WK\_DD\_PRE\_DIAL\_DELAY Vol. 2, 3-177  
XPM\_PARITY\_THRESHOLD Vol. 2, 3-179

---

**4 ISDNVAR parameters**

**Vol. 2, 4-1**

AUTOSPID Vol. 2, 4-2  
CND\_BRI\_OFFICE Vol. 2, 4-4

---

DEFOML Vol. 2, 4-6  
ECHO\_STAT\_BILL\_PARM Vol. 2, 4-8  
L2\_DM\_FRAME\_RCVD Vol. 2, 4-10  
L2\_DM\_FRAME\_SENT Vol. 2, 4-12  
L2\_FRAME\_RCVD\_CNTRL\_UNDEF Vol. 2, 4-14  
L2\_FRAME\_RCVD\_EXCD\_INFO Vol. 2, 4-16  
L2\_FRAME\_RCVD\_INVALID\_SEQ\_NUM Vol. 2, 4-18  
L2\_FRAME\_RCVD\_INVALID\_INFO Vol. 2, 4-20  
L2\_FRAME\_RCVD\_UNEXPECTED Vol. 2, 4-22  
L2\_FRMR\_FRAME\_RCVD Vol. 2, 4-24  
L2\_INVALID\_FRAME\_RCVD Vol. 2, 4-26  
L2\_PROPER\_RESPONSE\_NOT\_RCVD Vol. 2, 4-28  
L3\_CLEAR\_REQ\_RCVD Vol. 2, 4-31  
L3\_CLEAR\_REQ\_TRANS Vol. 2, 4-33  
L3\_DIAG\_PKT\_RCVD Vol. 2, 4-35  
L3\_DIAG\_PKT\_TRANS Vol. 2, 4-37  
L3\_DISCONNECT\_MSG\_RCVD Vol. 2, 4-39  
L3\_DISCONNECT\_MSG\_TRANS Vol. 2, 4-41  
L3\_MSG\_RCVD\_BAD\_LENGTH Vol. 2, 4-43  
L3\_MSG\_RCVD\_INVALID\_CR\_FLAG Vol. 2, 4-45  
L3\_MSG\_RCVD\_INVALID\_CR\_VALUE Vol. 2, 4-47  
L3\_MSG\_RCVD\_INVALID\_INFO Vol. 2, 4-49  
L3\_PROGRESS\_MSG\_TRANS Vol. 2, 4-52  
L3\_RELEASE\_COMPL\_MSG\_RCVD Vol. 2, 4-54  
L3\_RELEASE\_COMPL\_MSG\_TRANS Vol. 2, 4-56  
L3\_RELEASE\_MSG\_RCVD Vol. 2, 4-58  
L3\_RELEASE\_MSG\_TRANS Vol. 2, 4-60  
L3\_RESET\_REQ\_RCVD Vol. 2, 4-62  
L3\_RESET\_REQ\_TRANS Vol. 2, 4-64  
L3\_RESTART\_REQ\_RCVD Vol. 2, 4-66  
L3\_RESTART\_REQ\_TRANS Vol. 2, 4-68  
L3\_STATUS\_MSG\_RCVD Vol. 2, 4-70  
L3\_STATUS\_MSG\_TRANS Vol. 2, 4-72  
L3\_SVC\_DSRPT\_CTRL Vol. 2, 4-74  
L3\_SVC\_DSRPT\_THLD Vol. 2, 4-76  
LAPD16\_ABN\_LOG Vol. 2, 4-78  
LAPB\_ABN\_LOG Vol. 2, 4-80  
LAPD\_ABN\_LOG Vol. 2, 4-82  
MAX\_ASYNC\_ISDN\_DIAGS Vol. 2, 4-85  
PKT\_ABN\_LOG Vol. 2, 4-87  
Q931\_ABN\_LOG Vol. 2, 4-89  
RND\_BRI\_OFFICE Vol. 2, 4-91  
SDT\_SUBSCRIPTION\_LIMIT\_EXCD Vol. 2, 4-93  
TEI\_IDENTITY\_VERIFY\_MSG Vol. 2, 4-96  
TEI\_MULTIPLE\_RESPONSE Vol. 2, 4-98  
TEI\_NO\_RESPONSE Vol. 2, 4-100  
TEI\_NOT\_ASSIGNED Vol. 2, 4-102  
TEI\_ROUTINE\_TEST Vol. 2, 4-104  
TEI\_SUBSCRIPTION\_LIMITS\_EXCD Vol. 2, 4-106  
TEI\_UNSOLICITED\_RESPONSE Vol. 2, 4-108  
TMEAS Vol. 2, 4-110

# Office Parameters Reference Manual Volume 3 of 3

## OFCVAR, Preset office parameters

### 1 OFCVAR parameters

Vol. 3, 1-1

AC\_MOREDIGIT\_WAIT Vol. 3, 1-2  
ACBAR\_DNROUTE\_ALLOW\_TCAP\_QUERY Vol. 3, 1-4  
ACCS\_CCV\_QUERY\_BLK Vol. 3, 1-6  
ACCS\_INTERDIGIT\_TIMEOUT Vol. 3, 1-8  
ACCS\_MAX\_REJECTS Vol. 3, 1-10  
ACCS\_OPER\_SERV\_ACCESS\_CODE Vol. 3, 1-12  
ACCS\_SEQ\_CALL\_LIM Vol. 3, 1-14  
ACCS\_SEQ\_QUERY Vol. 3, 1-16  
ACCT\_ES\_DIGITS Vol. 3, 1-18  
ACMS\_NOC\_LOG\_ON-CANADA ONLY Vol. 3, 1-20  
ACQS\_AUDIT\_ON Vol. 3, 1-22  
AIN\_OFFICE\_TRIGGRP Vol. 3, 1-24  
ALIT\_LOG\_GEN\_FREQ Vol. 3, 1-26  
AMA\_FAILURE\_ROUTE\_POSITION Vol. 3, 1-28  
ANI\_IN\_SMDR Vol. 3, 1-30  
APS\_REPORT\_ALL\_CALLS Vol. 3, 1-32  
ARI\_CDR\_VALUE Vol. 3, 1-35  
ASCS\_DISABLE\_LEVEL Vol. 3, 1-37  
ASCS\_MONITOR\_DELAY Vol. 3, 1-39  
ASCS\_NOALARM\_THRESHOLD Vol. 3, 1-41  
ASCS\_NOSEND\_THRESHOLD Vol. 3, 1-43  
ASCS\_ROUTE\_INDEX Vol. 3, 1-45  
ASCS\_TRUNK\_TIMEOUT Vol. 3, 1-47  
ASR\_AUDIT\_TIME Vol. 3, 1-49  
ASR\_CUSTGRP Vol. 3, 1-51  
AUTO\_ASSIGN\_DNH\_GRPNUM Vol. 3, 1-53  
AUTO\_ASSIGN\_DNH\_RANGE Vol. 3, 1-55  
BICRELAY\_NUM\_SIMUL\_TESTS Vol. 3, 1-57  
BICRELAY\_XLCM\_TEST\_SCHEDULE Vol. 3, 1-59  
BLOCK\_0\_INF\_INW\_CALLS Vol. 3, 1-62  
BT\_MCI\_TIMER Vol. 3, 1-64  
BUFFER\_THRESHOLD\_REPORTS Vol. 3, 1-66  
C7\_CHGOVER\_SLMPR\_THRESHOLD Vol. 3, 1-67  
C7\_NACK\_ERROR\_SLMPR\_THRESHOLD Vol. 3, 1-69  
C7\_PDU\_ERROR\_SLMPR\_THRESHOLD Vol. 3, 1-71  
C7\_SLMPR\_ALARM\_ON Vol. 3, 1-73  
C7\_SSCOP\_CON\_SLMPR\_THRSHOLD Vol. 3, 1-75  
C7\_SSCOP\_RETRANS\_SLMPR\_THRESHOLD Vol. 3, 1-77  
C7\_SU\_ERROR\_SLMPR\_THRESHOLD Vol. 3, 1-79  
C7UP\_RSC\_LOG\_THRESHOLD Vol. 3, 1-81  
CALL\_CONTROL\_DEFAULTS Vol. 3, 1-83  
CALL\_REPORT\_FORMAT Vol. 3, 1-85  
CAMA\_SUSP\_CALL\_ALLOWED Vol. 3, 1-87  
CCW\_AS\_LINE\_OPTION Vol. 3, 1-89  
CCW\_WITHOUT\_CWT\_ALLOWED Vol. 3, 1-91

---

CDIV\_SDN\_XLA Vol. 3, 1-93  
CDO\_ROUTE Vol. 3, 1-95  
CDS\_DN\_CHECK Vol. 3, 1-97  
CFGDA\_SEND\_PILOT\_DN\_TO\_SMDI\_ISUP Vol. 3, 1-99  
CHECK\_FOR\_TMEM Vol. 3, 1-102  
CHNG\_NUM\_OF\_TGS\_FOR\_PKT\_18\_22 Vol. 3, 1-104  
CIRCUIT\_TEST\_NUMBER\_MESSAGES Vol. 3, 1-106  
CLF\_ACCESS\_CODE Vol. 3, 1-108  
CMAJALARM Vol. 3, 1-110  
CMD\_MAP\_ENABLED Vol. 3, 1-112  
CMG\_ENABLED Vol. 3, 1-114  
CMINALARM Vol. 3, 1-115  
CNDB\_ON\_POTS Vol. 3, 1-117  
COIN\_DTF\_TOTALIZER\_RESET Vol. 3, 1-119  
COIN\_OPERATOR\_RELEASED\_ON\_OA Vol. 3, 1-121  
COIN\_RETAIN\_ON\_OA Vol. 3, 1-123  
CONTINUOUS\_RETRY\_TIMERS Vol. 3, 1-125  
CREATE\_PARTIAL\_800\_AMA-CANADA ONLY Vol. 3, 1-127  
CUSTOMER\_DATA\_CHANGE\_LOGS Vol. 3, 1-129  
CUTOFF\_ON\_DISC\_TIME Vol. 3, 1-131  
CWT\_TIMEOUT Vol. 3, 1-133  
CWT\_TONE\_LENGTH Vol. 3, 1-135  
DAILY\_ISDN\_L2L3\_PEG\_AUDIT\_TIME Vol. 3, 1-137  
DEFAULT\_SIGNALLING\_TYPE Vol. 3, 1-139  
DATA\_CALL\_SMDR Vol. 3, 1-140  
DCN\_BUFFER\_NUMBER\_OF\_BLOCKS Vol. 3, 1-143  
DCT\_TEST\_CALL\_SPILL Vol. 3, 1-145  
DENY\_POPULATED\_SUBTABLE\_DELETION Vol. 3, 1-147  
DIAGALARM Vol. 3, 1-149  
DIALBACKPW\_ENCRYPTED Vol. 3, 1-151  
DISKLOGMEMORY Vol. 3, 1-153  
DIST\_CWT\_TONE Vol. 3, 1-156  
DND\_ROUTE Vol. 3, 1-158  
DTULDINFO Vol. 3, 1-161  
DTUOHBTLTD Vol. 3, 1-163  
E911\_CHECK\_DEFAULT\_ESN Vol. 3, 1-165  
E911\_PSAP\_DISCONNECT\_TIME Vol. 3, 1-167  
E911\_PSAP\_OFFHK\_ALARM\_TIME Vol. 3, 1-169  
EA\_FGD\_MFTOSS7\_CIP Vol. 3, 1-171  
EA\_TEST\_CALL\_SPILL Vol. 3, 1-173  
EADAS\_ENABLED-U.S. ONLY Vol. 3, 1-175  
EADAS\_GENERIC\_ID-U.S. ONLY Vol. 3, 1-177  
EADAS\_MPC\_AND\_LINK-U.S. ONLY Vol. 3, 1-179  
EADAS\_POPULATE\_HUNT\_SECTIONS Vol. 3, 1-181  
ECHODUMP\_OUTPUT\_FORMAT Vol. 3, 1-183  
ECORE\_FORMAT Vol. 3, 1-185  
EMERG\_ANNC Vol. 3, 1-187  
EDTULDFILE Vol. 3, 1-189  
ENG640M1\_SCAN\_RATE Vol. 3, 1-191  
ENHANCED\_TRUNK\_PREROUTE\_ABANDON Vol. 3, 1-193

ESG\_ALARM Vol. 3, 1-195  
ESG\_RERING\_TIME Vol. 3, 1-197  
FACALARM Vol. 3, 1-199  
FGD\_ANI\_SMDR\_REQD Vol. 3, 1-201  
FGD\_TEST\_CALL\_ACK\_OFFHOOK Vol. 3, 1-203  
FIXED\_CFBF\_DEFAULT\_STATE Vol. 3, 1-205  
FOT\_DIGITS Vol. 3, 1-207  
GEN\_CDR300\_ISDN\_LOGS Vol. 3, 1-209  
GEN\_CDR300\_MIDNT\_LOGS Vol. 3, 1-211  
GEN\_CDR300\_SYNC\_LOGS Vol. 3, 1-213  
GENERATE\_CALL\_RECORDING\_LOGS Vol. 3, 1-215  
GENERATE\_ICAMA\_LOG\_ENTRY Vol. 3, 1-217  
GENERATE\_ITOPS\_LOG\_ENTRY Vol. 3, 1-219  
HPC\_EGRESS\_QUEUEING Vol. 3, 1-221  
IAA\_REQUESTED Vol. 3, 1-223  
ICAMA\_ANI\_FAILURE\_ACTION Vol. 3, 1-226  
ICAMA\_REQUESTED Vol. 3, 1-228  
ICT\_DN\_CHECK Vol. 3, 1-230  
IGNORE\_REGION\_THRESH Vol. 3, 1-232  
IMAJALARM Vol. 3, 1-234  
IMINALARM Vol. 3, 1-236  
INHIBIT\_AUTO\_CONGESTION\_CNTL Vol. 3, 1-238  
INTL\_ICR\_REQUESTED Vol. 3, 1-239  
INTL\_RU\_OVFL\_ACTION Vol. 3, 1-241  
INTL\_SILENT\_SWITCHMAN\_TMO Vol. 3, 1-243  
ISDN\_LOSS\_OF\_SIG\_DGASP\_ALARM Vol. 3, 1-245  
ISDN\_LOSS\_OF\_SIG\_NO\_DGASP\_ALARM Vol. 3, 1-247  
ISDN\_LOSS\_OF\_SYNC\_WORD\_ALARM Vol. 3, 1-249  
ISDN\_MPLU\_NODE\_FAILURE\_ALARM Vol. 3, 1-251  
ISDN\_NT1\_TEST\_MODE\_ALARM Vol. 3, 1-253  
ISDN\_PERFORMANCE\_MON\_ALARM Vol. 3, 1-255  
ISDN\_T\_SYNC\_LOST\_ALARM Vol. 3, 1-257  
ISDNBRI\_PRIVACY\_CHANGE\_ALLOWED Vol. 3, 1-259  
ITS\_TEST\_SESSION\_TIMEOUT Vol. 3, 1-261  
JPN1\_ACM\_ALWAYS\_EXPECTED Vol. 3, 1-263  
LAYER2\_CIRCUIT\_ABN\_PEGS\_THLD Vol. 3, 1-265  
LAYER2\_PACKET\_ABN\_PEGS\_THLD Vol. 3, 1-267  
LAYER2\_PEGS\_THRESHOLD\_LEVEL Vol. 3, 1-269  
LAYER2\_SERVICE\_DSRPT\_THLD Vol. 3, 1-271  
LAYER3\_CIRCUIT\_ABN\_PEGS\_THLD Vol. 3, 1-273  
LAYER3\_PACKET\_ABN\_PEGS\_THLD Vol. 3, 1-275  
LAYER3\_PACKET\_SVC\_THLD Vol. 3, 1-277  
LCARDALARM Vol. 3, 1-279  
LCDREX\_CONTROL Vol. 3, 1-281  
LEAS\_SS7\_ACTIVE Vol. 3, 1-285  
LINE\_CARD\_MONITOR Vol. 3, 1-287  
LINE\_WITH\_CWT\_CAN\_FLASH Vol. 3, 1-289  
LOCAL\_COIN\_INIT\_TIME Vol. 3, 1-291  
LOCAL\_COIN\_OVER\_TIME Vol. 3, 1-292  
LOG\_CENTRAL\_BUFFER\_SIZE Vol. 3, 1-293

---

LOG\_DEVICE\_BUFFER\_SIZE Vol. 3, 1-295  
LOG\_OFFICE\_ID Vol. 3, 1-297  
LOOP\_AROUND\_TIMEOUT\_IN\_MIN Vol. 3, 1-299  
LSETALARM Vol. 3, 1-301  
MAX\_IAM\_HOPS Vol. 3, 1-303  
MAX\_RMAP\_SESSIONS Vol. 3, 1-305  
MCARDALARM Vol. 3, 1-307  
MCCS\_SEQ\_CALL\_LIM Vol. 3, 1-309  
MCCS\_SEQ\_QUERY Vol. 3, 1-311  
MCT\_TONE Vol. 3, 1-313  
MCTIMER Vol. 3, 1-315  
METER\_PULSE\_MISMATCH\_THRESHOLD Vol. 3, 1-317  
METER\_PULSE\_MONETARY\_RATE Vol. 3, 1-319  
MSETALARM Vol. 3, 1-321  
MSGPSOC\_OM\_CONTROL Vol. 3, 1-323  
MTA\_RLM\_TIME Vol. 3, 1-325  
MTA\_RMM\_TIME Vol. 3, 1-326  
MTULDINFO Vol. 3, 1-328  
NDIAGALARM Vol. 3, 1-330  
NEMHEARTBEAT Vol. 3, 1-332  
NETFAB\_DAILY\_DURATION Vol. 3, 1-334  
NETFAB\_SCHEDULE\_ENABLED Vol. 3, 1-336  
NETFAB\_SCHEDULE\_TIME Vol. 3, 1-338  
NETMINDER\_MPC\_AND\_LINK Vol. 3, 1-340  
NEW\_OE\_LOG\_FORMAT Vol. 3, 1-342  
NODEREXCONTROL Vol. 3, 1-345  
NON\_DMS\_NAME\_LOOKUP Vol. 3, 1-352  
NPAC204\_THROTTLE Vol. 3, 1-355  
NSS\_DBCP\_TCN\_BLOCK\_CALL Vol. 3, 1-357  
NSS\_DBCP\_TCN\_RESP\_TIMEOUT Vol. 3, 1-359  
NTC\_CALL\_DURATION\_ADJ Vol. 3, 1-360  
NTC\_CONN\_REATTEMPTS Vol. 3, 1-362  
NTC\_REATTEMPTS Vol. 3, 1-364  
NTC\_TIME\_BTW\_CONN\_REATTEMPTS Vol. 3, 1-366  
NTC\_TIME\_BTW\_REATTEMPTS Vol. 3, 1-368  
NTC\_XLATIONS Vol. 3, 1-370  
OCCTS\_DEFAULT\_REG\_LOG Vol. 3, 1-372  
OM\_SOURCE\_IDENTIFICATION Vol. 3, 1-374  
ORIG\_ARTER\_FREQUENCY Vol. 3, 1-376  
ORIG\_ARTER\_LEVEL Vol. 3, 1-378  
ORIG\_INCREASE\_SPM Vol. 3, 1-380  
PER\_CALL\_GND\_LOOP\_TEST Vol. 3, 1-382  
PER\_OPC\_LOGDEV\_BUFFER\_SIZE Vol. 3, 1-384  
PERFORMANCE Vol. 3, 1-386  
PMSTAT\_OM\_CONTROL Vol. 3, 1-388  
POTS\_SIMULATE\_1A Vol. 3, 1-390  
PRE\_ROUTE\_ABANDON\_TRK116\_LOG Vol. 3, 1-392  
PRINTOUT\_OF\_CALLS Vol. 3, 1-394  
PROMPT\_HUNT\_MEM\_LCC Vol. 3, 1-396  
PSPDALARM Vol. 3, 1-398

QDIAGALARM Vol. 3, 1-400  
R2\_ANI\_DENY Vol. 3, 1-402  
RAG\_QUE\_LEN Vol. 3, 1-404  
RAG\_RECALL\_TIMEOUT Vol. 3, 1-406  
RATING\_SMALLEST\_COIN Vol. 3, 1-408  
RECORD\_CLG\_NPA\_NXX Vol. 3, 1-410  
RECORD\_UNANSWERED\_CALLS Vol. 3, 1-412  
REDUCE\_DIGMAN\_ANS\_DETECTION\_TIME Vol. 3, 1-414  
RES\_CHK\_OOS Vol. 3, 1-416  
RES\_CMSG\_ACCESS\_AND\_ERROR\_TMT Vol. 3, 1-418  
RES\_SO\_SIMPLIFICATION Vol. 3, 1-420  
REVERSE\_DISPLAY\_DISALLOWED Vol. 3, 1-422  
RMAN\_REASGNAGT\_CHGROUTE\_IN\_DUMP Vol. 3, 1-424  
RMSG\_MAJALARM Vol. 3, 1-426  
RMSG\_MINALARM Vol. 3, 1-428  
SCAI\_CONTINUITY\_AUDIT\_INTERVAL Vol. 3, 1-430  
SDIAGALARM Vol. 3, 1-432  
SEAS\_LRF\_GTT\_OCC Vol. 3, 1-434  
SEAS\_LRF\_GTT\_PER Vol. 3, 1-436  
SEAS\_LRF\_MTP\_OCC Vol. 3, 1-438  
SEAS\_LRF\_MTP\_PER Vol. 3, 1-440  
SIG\_TST Vol. 3, 1-442  
SLE\_LANGUAGE Vol. 3, 1-444  
SLE\_VOICEBACK\_PUBLIC\_ICM Vol. 3, 1-446  
SLNETWORK\_NAME Vol. 3, 1-448  
SLU\_7DIGIT\_DN Vol. 3, 1-450  
SLVP\_RCHD\_TIMER Vol. 3, 1-452  
SMDR\_LOG\_RPT Vol. 3, 1-454  
SO\_ALLOW\_REDUNDANT\_FEATURE Vol. 3, 1-456  
SO\_ALLOW\_REDUNDANT\_FEATURE\_CHF Vol. 3, 1-458  
SO\_CICP\_OFRT\_ICP\_ALLOWED Vol. 3, 1-460  
SO\_PROMPT\_FOR\_CABLE\_PAIR Vol. 3, 1-462  
SO\_PROMPT\_FOR\_LTG Vol. 3, 1-464  
SPCL\_SECURITY\_A\_DR Vol. 3, 1-465  
SPECIAL\_AMA\_REPORT Vol. 3, 1-467  
SRCF\_FILE\_VOLNAME Vol. 3, 1-469  
SYSLOG\_ACCESS Vol. 3, 1-471  
TABLE\_ACCESS\_CONTROL Vol. 3, 1-473  
TASINTVL Vol. 3, 1-475  
TBI\_CONNECT\_OPR\_A Vol. 3, 1-477  
TBI\_FORCE\_RELEASE Vol. 3, 1-479  
TBI\_OFFER Vol. 3, 1-481  
TBI\_OPR\_TIMEOUT Vol. 3, 1-483  
TCAPNM\_BLK\_QUERY\_PRIV\_DNS Vol. 3, 1-485  
TCAPNM\_INTERLATA\_QUERY Vol. 3, 1-487  
TCMALARM Vol. 3, 1-489  
TERM\_ARTER\_FREQUENCY Vol. 3, 1-491  
TERM\_ARTER\_LEVEL Vol. 3, 1-493  
TEST\_CALL\_AMR\_SPILL Vol. 3, 1-495  
TEST\_CALL\_II\_SPILL Vol. 3, 1-496



TEST\_CALL\_SPILL Vol. 3, 1-498  
 TEST\_R2\_ANI\_DENY Vol. 3, 1-499  
 THRESHOLD\_IS\_SAMPLING Vol. 3, 1-501  
 TOLL\_DIVERSION\_SIGNAL Vol. 3, 1-502  
 TOPS\_CLD\_TIME\_AND\_CHG\_NO\_ACTS Vol. 3, 1-503  
 TOPS\_CROSS\_TEAM\_ROUTING Vol. 3, 1-505  
 TOPS\_EA\_DNPC\_LOG\_GENERATION Vol. 3, 1-507  
 TOPS\_EA\_PROCESS\_T\_SEL Vol. 3, 1-509  
 TOPS\_FGB\_CC134 Vol. 3, 1-511  
 TOPS\_HOLD\_LOCAL Vol. 3, 1-513  
 TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY **\*\*OBSOLETE\*\*** Vol. 3, 1-515  
 TOPS\_MANUAL\_DATABASE\_ORIG Vol. 3, 1-517  
 TOPS\_OTC\_CARRIER\_NUMBER Vol. 3, 1-519  
 TOPS\_PARS\_TONE\_LENGTH Vol. 3, 1-521  
 TOPS\_START\_OF\_DAY Vol. 3, 1-523  
 TOPS\_TAC\_RECALL Vol. 3, 1-525  
 TOPS\_TANDEMED\_411\_CC009 Vol. 3, 1-527  
 TOPS\_THIRD\_BILL\_ACC\_REQD\_SET Vol. 3, 1-529  
 TOPS\_VERIFICATION\_BARGE\_IN Vol. 3, 1-532  
 TRA125M1\_SCAN\_RATE Vol. 3, 1-534  
 TRA125M2\_SCAN\_RATE Vol. 3, 1-535  
 TRA250M1\_SCAN\_RATE Vol. 3, 1-536  
 TRANSLATION\_OPTIONS Vol. 3, 1-537  
 TRK\_OOS\_CHK\_ON Vol. 3, 1-539  
 TRKLPBK\_TIMEOUT\_IN\_MINUTES Vol. 3, 1-541  
 TRUNK\_QUERY\_AUDIT\_START\_TIME Vol. 3, 1-543  
 TSO\_FIRST\_STAGE\_TIMEOUT Vol. 3, 1-545  
 TSTLN\_OP\_DELAY Vol. 3, 1-547  
 TTR\_SELECTION\_OPTION Vol. 3, 1-549  
 UDIAGALARM Vol. 3, 1-552  
 USAID\_CLID\_BLK\_SC Vol. 3, 1-554  
 UVM\_DEPOSIT\_PRIV\_DN\_TMT Vol. 3, 1-556  
 VARIABLE\_STUTTER\_DIALTONE\_TIMING Vol. 3, 1-558  
 WLC\_OV\_REPORTING Vol. 3, 1-560  
 WLN\_DEFAULT\_TIMEOUT Vol. 3, 1-562  
 WML\_ACCESS\_CODE Vol. 3, 1-564  
 XBAR\_OVERFLOW\_ON Vol. 3, 1-565  
 XBARCAB1 Vol. 3, 1-567  
 XBARCAB2 Vol. 3, 1-569  
 XBARSAT1 Vol. 3, 1-571  
 XBARSAT2 Vol. 3, 1-573  
 XID\_DESTINATION\_ID Vol. 3, 1-575  
 XLAPLAN\_RATEAREA\_SERVORD\_ENABLED Vol. 3, 1-576  
 XPMMSGOC\_OM\_CONTROL Vol. 3, 1-582  
 XPMOCC\_OM\_CONTROL Vol. 3, 1-584  
 XPMOVLN\_OM\_CONTROL Vol. 3, 1-586

---

## **2 Preset office parameters—U.S. only**

**Vol. 3, 2-1**

Description Vol. 3, 2-1

**3 DMS-100 local switch with 0-35% MDC and ISDN lines—U.S. only** **Vol. 3, 3-1**

Organization Vol. 3, 3-1  
DMS-100 local switch with 0-35% MDC and ISDN lines  
Table OFCENG Vol. 3, 3-2  
DMS-100 local switch with 0-35% MDC and ISDN lines  
Table OFCOPT Vol. 3, 3-51  
DMS-100 local switch with 0-35% MDC and ISDN lines  
Table OFCSTD Vol. 3, 3-53  
DMS-100 local switch with 0-35% MDC and ISDN lines  
Table OFCVAR Vol. 3, 3-54  
DMS-100 local switch with 0-35% MDC and ISDN lines  
Table DATASIZE Vol. 3, 3-55

---

**4 DMS-100 local switch with 36—100% MDC and ISDN lines—U.S. only** **Vol. 3, 4-1**

Organization Vol. 3, 4-1  
DMS-100 local switch with 36-100% MDC and ISDN lines  
Table OFCENG Vol. 3, 4-2  
DMS-100 local switch with 36-100% MDC and ISDN lines  
Table OFCOPT Vol. 3, 4-51  
DMS-100 local switch with 36-100% MDC and ISDN lines  
Table OFCSTD Vol. 3, 4-53  
DMS-100 local switch with 36-100% MDC and ISDN lines  
Table OFCVAR Vol. 3, 4-54  
DMS-100 local switch with 36-100% MDC and ISDN lines  
Table DATASIZE Vol. 3, 4-55

---

**5 DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines—U.S. only** **Vol. 3, 5-1**

Organization Vol. 3, 5-1  
DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines  
Table OFCENG Vol. 3, 5-2  
DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines  
Table OFCOPT Vol. 3, 5-88  
DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines  
Table OFCSTD Vol. 3, 5-90  
DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines  
Table OFCVAR Vol. 3, 5-91  
DMS-100 local/toll switch with 0-35% MDC and ISDN lines  
Table DATASIZE Vol. 3, 5-92

---

**6 DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines—U.S. only** **Vol. 3, 6-1**

Organization Vol. 3, 6-1  
DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines  
Table OFCENG Vol. 3, 6-2  
DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines  
Table OFCOPT Vol. 3, 6-88 DMS-100/200 local/toll switch with 36-100%

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MDC and ISDN lines  
Table OFCVAR Vol. 3, 6-90  
DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines  
Table DATASIZE Vol. 3, 6-91

---

**7 DMS-200 toll switch—U.S. only Vol. 3, 7-1**

Organization Vol. 3, 7-1  
DMS-200 toll switch Table OFCENG Vol. 3, 7-2  
DMS-200 toll switch Table OFCOPT Vol. 3, 7-12  
DMS-200 toll switch Table OFCSTD Vol. 3, 7-13  
DMS-200 toll switch Table OFCVAR Vol. 3, 7-14  
DMS-200 toll switch Table DATASIZE Vol. 3, 7-15



---

# 1 OFCVAR parameters

---

This chapter contains descriptions of the parameters in table office variables (OF CVAR).

## AC\_MOREDIGIT\_WAIT

---

### Parameter name

Attendant Console More Digits Wait

### Functional description

This parameter specifies the period of time in seconds that an attendant console (AC) waits for more digits. The attendant console waits until the user dials a 9+0 type call, to process the call.

### Rules in provisioning

Leave the value of this parameter at the default of 10 s, unless a special customer requirement is present.

### Range information

Minimum	Maximum	Default
1	10	10

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

**AC\_MOREDIGIT\_WAIT** (end)

---

**Parameter history**

**BCS29**

This parameter was introduced in BCS29.

## ACBAR\_DNROUTE\_ALLOW\_TCAP\_QUERY

---

### Parameter name

ACBAR\_DNROUTE\_ALLOW\_TCAP\_QUERY

### Functional description

This parameter permits or denies transaction-capabilities application part (TCAP) messaging for directory numbers (DN) dialed from a line with the automatic call back (ACB) or automatic recall (AR) option, when the DNs have tuples in table DNROUTE that use the T selector.

Subscribers with the ACB option can originate a call to the last dialed DN.

### Provisioning rules

Table DNROUTE cannot be provisioned on a per tuple basis.

If you require TCAP messaging for DNs entered in table DNROUTE that use the T selector when ACB or AR re-originate to these DNs, set the parameter to Y.

If TCAP messaging is not required for DNs entered in table DNROUTE that use the T selector when ACB or AR re-originate to these DNs, set the parameter to N.

### Range information

Minimum	Maximum	Default
		Y

### Activation

None

### Dependencies

Automatic call back or automatic recall option activation. requires this parameter.

### Consequences

The parameter affects all tuples in table DNROUTE. that use the T selector when ACB or AR re-originates a call to the last dialed Dn. All entries in table DNROUTE with the DN T selector permit TCAP messaging for ACB or AR



---

**ACBAR\_DNROUTE\_ALLOW\_TCAP\_QUERY** (end)

---

lies. For parameter equals N, all DN entries in table DNROUTE with DN T are denied TCAP messaging for ACB/AR lines.

**Verification**

None

**Memory requirements**

None

**Dump and restore rules**

None

**Parameter history**

This parameter was introduced in NA007 for the NA010 timeframe.

## **ACCS\_CCV\_QUERY\_BLK**

---

### **Parameter name**

Automated Calling Card Service Calling Card Validation Query Block

### **Functional description**

Table ACCSERR replaces the functionality of this parameter.

This parameter is for dump and restore purposes only. Before BCS35, this parameter provided the following function.

The system determines all Automated Calling Card Service (ACCS) calls that fail database validation. This parameter determines whether the system blocks or floats the calls as valid. If the parameter is Y (yes), the system checks the calls that the system cannot query. If the parameter is N (no), the system floats the calls that the system cannot query. Then the AMA indicates that the system does not query the database.

### **Rules in provisioning**

Set the parameter to Y to block or N to float calls that the system cannot query.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

---

**ACCS\_CCV\_QUERY\_BLK** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS31**

This parameter was introduced in BCS31.

## ACCS\_INTERDIGIT\_TIMEOUT

---

### Parameter name

Automated Calling Card Service Interdigit Timeout

### Functional description

This parameter specifies the maximum time (in seconds) that a customer can delay between digits that the customer dials. This condition only applies in an Automated Calling Card Service (ACCS) call.

### Rules in provisioning

Set the value of this parameter to the maximum time (in seconds) that a customer can delay between digits that the customer dials in an ACCS call.

### Range information

Minimum	Maximum	Default
2	8	4

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

---

**ACCS\_INTERDIGIT\_TIMEOUT** (end)

---

**Parameter history**

**BCS36**

This default value is corrected in BCS36.

**BSC31**

This parameter was introduced in BSC31.

## ACCS\_MAX\_REJECTS

---

### Parameter name

Automated Calling Card Service Maximum Number Of Rejects

### Functional description

A switching unit for the Automated Calling Card Service requires this parameter. The parameter specifies the maximum number of times a customer can enter one of the following numbers:

- the credit card account number (CCAN)
- the called number

This parameter also limits the number of database queries that are not valid.

### Rules in provisioning

Set this parameter to the maximum number of times a customer can enter the CCAN or the called number.

### Range information

Minimum	Maximum	Default
0	6	3

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

When the parameter value has too many provisions, the customer can prevent access to the ACCS resources.

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

**ACCS\_MAX\_REJECTS** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BSC31.**

This parameter was introduced in BSC31.

## **ACCS\_OPER\_SERV\_ACCESS\_CODE**

---

### **Parameter name**

Automated Calling Card Service Operator Service Access Code

### **Functional description**

This parameter specifies access code digits. The system transmits these digits with the Automated Calling Card Service (ACCS) call to the operator.

### **Rules in provisioning**

Specify the access code digits. The system transmits these digits with the ACCS call to the operator.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		0000

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 5 words of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

**ACCS\_OPER\_SERV\_ACCESS\_CODE** (end)

---

**Parameter history**

**BCS36**

This default value is corrected in BCS36.

**BCS31**

This parameter was introduced in BCS31.

## **ACCS\_SEQ\_CALL\_LIM**

---

### **Parameter name**

Automated Calling Card Service Sequence Call Limit

### **Functional description**

This parameter specifies the maximum number of Automated Calling Card Service (ACCS) sequence calls for each origination.

### **Rules in provisioning**

Set the value of this parameter to the maximum number of sequence calls permitted for each origination.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
0	127	127

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

#### **BCS31**

This parameter was introduced in BCS31.

**ACCS\_SEQ\_CALL\_LIM** (end)

---

**Parameter history**

Copy the current value of this parameter when you perform a dump and restore.

## ACCS\_SEQ\_QUERY

---

### Parameter name

Automatic Calling Card Service Sequence Query

### Functional description

This parameter remains for dump and restore purposes only. Before BCS35, this parameter functioned in the following way.

### Rules in provisioning

This parameter determines if the system must query the database on each leg of an Automatic Calling Card Service (ACCS) sequence call. If the parameter is set to Y (yes), the system queries each sequence leg. If the parameter is set to N (no), the system sends the original query.

### Range information

Set the value of this parameter to Y if the system must query each leg of a sequence call. In all other conditions, set the value of the parameter to N.

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

If the parameter indicates N, the system does not query each leg of a sequence call. Some SCP features cannot function.

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

---

**ACCS\_SEQ\_QUERY** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS36**

This default value is corrected in BCS36.

**BCS31**

This parameter was introduced in BCS31.

## ACCT\_ES\_DIGITS

---

### Parameter name

Account Code Emergency Service Digits.

### Functional description

This parameter deals with emergency service calls for customers with cost center codes (CCC). If the parameter is set correctly, the system analyzes the first three or four digits of the CCC and destination number. The system treats the first three or four digits of the CCC and destination number as an emergency call attempt. This treatment occurs if the group of digits are one of the following:

- 999
- 112
- 9999
- 9112

The office parameter ALLOC\_EMERGENCY\_EXT\_BLK uses this parameter. The ALLOC\_EMERGENCY\_EXT\_BLK parameter sets the number of emergency extension blocks for the switch. The allocation of an extension block determines if the call is an emergency call attempt. These blocks are allocated on not direct calling line identity (CLI) Service two-stage calls and direct access account calls. These blocks are allocated to determine if the call is an emergency call attempt.

### Rules in provisioning

The office parameter ALLOC\_EMERGENCY\_EXT\_BLK must be set to the number of CLI Service two-stage calls (not direct) and direct access account calls. This parameter must be set to the number of calls possible at one time. If this parameter is not set, the system does not route emergency calls correctly.

### Range information

A parameter value of ACCT\_DEST\_COMBO activates the feature. Any other value deactivates the feature.

### Activation

Immediate

### Consequences

When this parameter is set to ACCT\_DEST\_COMBO, the system activates this feature. In this condition, calls that start with 112 or 999 are emergency call attempts.

---

**ACCT\_ES\_DIGITS** (end)

---

**Verification**

Does not apply

**Memory requirements**

Does not apply

**Dump and restore rules**

Does not apply

**Parameter history**

**Introduced in EUR004.**

This parameter was introduced in EUR004 (PRS BX66453).

**EUR006**

This parameter was changed in EUR006, to include ACCT\_ES\_COMBO (Feature AG4687).

## ACMS\_NOC\_LOG\_ON-CANADA ONLY

---

### Parameter name

ACMS105 Log On or Off

### Functional description

This parameter activates and disables the ACMS105 log (no Calling-Line Identification (CLI)).

This action is different from the suppression of each log because suppression only applies to log output. This parameter inhibits the generation of logs and saves central control (CC) real time.

### Rules in provisioning

Set the parameter to N (no) to prevent the generation the ACMS105 log.

Set the parameter to Y (yes) to generate the ACMS105 log. The system can suppress the log through the normal log suppression methods.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

If this parameter is set to Y (yes), the system generates an additional log. When the system generates a log, the log uses additional CC real time.

Use this log for tests and office set-up. This parameter must remain at the default. If an ACMS105 log is required, the parameter cannot remain at default.

### Verification

Does not apply



---

**ACMS\_NOC\_LOG\_ON-CANADA ONLY** (end)

---

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS29**

This parameter was introduced in BCS29.

## ACQS\_AUDIT\_ON

---

### Parameter name

Attendant Console Call Queue Status Audit On

### Functional description

This parameter activates the attendant console call queue status (ACQS) audit.

The ACQS audit provides two external signal distribution (SD) points that indicate one of the following conditions:

- a specified number of calls are in the attendant subgroup call queue
- the oldest call waits more than the specified period of time

The SD points connect to an external status display that the ACQS audit drives. The ACQS audit runs every 30 s.

### Rules in provisioning

Set the value of this parameter to Y (yes) to activate the ACQS audit.

Leave the value of this parameter at the default of N (no) if an audit is not required.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

This background audit process operates at a lower priority than the call processing software. As a result the interval between audits differs according to switch traffic.

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29.

## AIN\_OFFICE\_TRIGGRP

---

### Parameter name

Advanced Intelligent Network Office Trigger Group

### Functional description

This parameter subscribes trigger behaviors for the whole office.

The parameter contains one of the entries that follow:

- an AIN group identifier (AINGRPID), as entered in the AINGRP field of table TRIGGRP
- the reserved symbol TIID, that indicates the office-wide AIN subscription uses the trigger item provisioning interface

### Rules in provisioning

Indicate the trigger behaviors to assign through the office.

### Range information

Minimum	Maximum	Default
		NIL

### Activation

Immediate

### Dependencies

Datafill table TRIGGRP with an AIN group identifier. Then, enter the identifier in this parameter.

### Consequences

Change the AIN\_OFFICE\_TRIGGRP parameter in table OFCVAR during low traffic periods. Changes to this parameter can have an effect on office-wide AIN service.

### Verification

This parameter, when set to an AIN group identifier, can cause calls from AIN supported agents to detect the AIN triggers defined in the AIN trigger group.

---

**AIN\_OFFICE\_TRIGGRP** (end)

---

This parameter, when set to the reserved symbol TIID, can cause calls from AIN supported agents to detect the AIN trigger items defined in table OFCTIID.

*Note:* Datafill table TRIGITM. Then, datafill table OFCTIID.

**Memory requirements**

This parameter does not change memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****NA009**

Updates to reflect the trigger item provisioning model.

**BCS35**

Added information to the Consequence section.

The BCS535 product release introduced this parameter.

---

## AIN\_800CDP\_PRECEDENCE

---

### Parameter name

AIN 800\_CDP trigger PRECEDENCE

### Functional description

Office parameter AIN\_800CDP\_PRECEDENCE in table OFCVAR is used to select the precedence between E800/800P and CDP trigger office wide. This parameter has two possible values:

- 800

This specifies that E800/800P takes precedence over CDP trigger office wide.

- CDP

This specifies that CDP trigger takes precedence over E800/800P office wide.

The AIN Toll Free Service trigger is not affected by the AIN 800 CDP trigger precedence feature.

### Provisioning rules

Not applicable.

### Range information

The range information is as follows:

Minimum	Maximum	Default
800, CDP	800, CDP	800

### Activation

Immediate

### Requirements

Software Optionality Control (SOC) AIN00312 must be active. When SOC option AIN00312 is IDLE, 800 has precedence over CDP trigger irrespective of the office wide and customer group options.

SOC AIN00312 is dependent on SOC AIN00220.

### Results

Not applicable

## Testing

The AIN\_800CDP\_PRECEDENCE office parameter can be verified as follows:

- Let AIN\_800CDP\_PRECEDENCE take the default value 800.
- Subscribe CDP trigger on a customer group.
- From an IBN line, dial access\_code + 800 toll-free number.
- Verify that E800/800P is encountered.
- Repeat the above steps with AIN\_800CDP\_PRECEDENCE set to the value CDP.
- Verify that CDP trigger is encountered.

## Memory requirements

No impact on memory.

## Dump and restore rules

Not applicable.

## Parameter history

### CSP18/ISN05

Feature 59040104 introduced office parameter AIN\_800CDP\_PRECEDENCE. The default value of this parameter, 800, matches the precedence behavior in switches prior to the introduction of this parameter. There are no perceived changes in precedence behavior if AIN\_800CDP\_PRECEDENCE is left at its default value.

## ALIT\_LOG\_GEN\_FREQ

---

### Parameter name

ALIT log generation frequency

### Functional description

The ALIT\_LOG\_GEN\_FREQ office parameter is added to table OFCVAR. The parameter value determines the frequency of ALT112 and ALT113 log generation. Enter a value from 0 to 180.

### Provisioning rules

Not applicable.

### Range information

The range information is as follows:

Minimum	Maximum	Default
0	180	0

### Activation

A change in the value of this office parameter does not require a restart.

### Requirements

This office parameter does not affect data schema tables.

### Results

If you enter a value that is outside the range for the office parameter ALIT\_LOG\_GEN\_FREQ, the following error message displays:

```
THE ENTERED VALUE IS OUT OF THE RANGE FOR THE OFFICE  
PARAMETER ALIT_LOG_GEN_FREQ. THE ACCEPTABLE RANGE IS  
FROM 0 TO 180. IF 0 IS ENTERED THEN LOG GENERATION IS  
DISABLED.
```

If you enter a value <n> other than 0 that is within the range for the office parameter ALIT\_LOG\_GEN\_FREQ, the following message displays and the system accepts the entered value:

```
THE LOGS WILL BE GENERATED AFTER N DAYS.
```



---

**ALIT\_LOG\_GEN\_FREQ** (end)

---

If you enter a value of 0 for the office parameter ALIT\_LOG\_GEN\_FREQ, the following message displays:

```
THE GENERATION OF THE LOGS ALT112 AND ALT113 IS  
DISABLED.
```

**Testing**

At the CI prompt, issue the following command to verify the value of this office parameter:

```
> TABLE OFCVAR; POS ALIT_LOG_GEN_FREQ
```

**Memory requirements**

There are no additional memory requirements.

**Dump and restore rules**

Not applicable.

**Parameter history****NA014**

Feature 59018646 adds office parameter ALIT\_LOG\_GEN\_FREQ to table OFCVAR.

## AMA\_FAILURE\_ROUTE\_POSITION

---

### Parameter name

Automatic Message Accounting Failure Route Position

### Functional description

A switch with the Automatic Message Accounting (AMA) failure routing options requires this parameter.

### Rules in provisioning

If office parameter AMA\_FAILURE\_FREE\_CALL in Table OFCENG is set to N (no), enter this parameter. Enter this parameter to indicate, in table POSITION, the allocation of all AMA failure calls (CAMA and LAMA).

The values for this parameter are as follows:

- NONE
- CAMA
- TOPS
- CTOP
- AMRX
- RTE1
- RTE2
- RTE3
- RTE4
- TSPS
- AMAFAIL
- AOSS
- OOC

### Range information

Minimum	Maximum	Default
		AMAFAIL

---

**AMA\_FAILURE\_ROUTE\_POSITION** (end)

---

**Activation**

Immediate

**Dependencies**

The system takes calls out of service along with CCB and CDB dumps, with the following conditions:

- the system routes AMA failure calls to position AMAFAIL in the POSITION table
- position AMAFAIL does not contain a route index from the OFRT table

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## ANI\_IN\_SMDR

---

### Parameter name

Automatic Number Identification In Station Message Detail Recording

### Functional description

A switching unit for the station-message detail recording (SMDR) system requires this parameter. The parameter applies to the following trunk types:

- private branch exchange (PBX) trunks (trunk group type PX and P2)
- incoming or two-way integrated business network (trunk group type IBNTI or IBNT2) trunks with the AIOD feature
- 2WAY CAMA trunks

This parameter specifies if the SMDR record has values that correspond to the automatic number identification (ANI) information and not the virtual facility group (VFG) ID. The ORIGTYPE and ORIGID fields indicate the VFGID. The parameter applies only to incoming trunk calls in which:

- the trunk provides the ANI
- the call translates again through an Integrated Business Network (IBN) VFG
- the second leg of the call generates an SMDR record

The VFG must have the special billing number entered as N (no). For CAMA trunk calls, the first leg of the call must be a toll leg to receive ANI.

### Rules in provisioning

Set the value of this parameter to Y (yes) to replace the VFGID in the SMDR record with the current calling number. The ANI of the incoming trunks provides the calling number.

Leave the value of this parameter at the default of N if the VFGID must appear in the SMDR record.

### Range information

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

One of the following conditions must occur:

- The entry in Table IBNXLA for the digits dialed must have field SMDR equal to Y
- The VFG entry in Table VIRTGRPS must have the SMDR field set to Y

**Consequences**

Does not apply

**Verification**

Set the value of this parameter to Y (yes). Make a call over a PBX or IBN trunk with AIOD that terminates on a VFG with SMDR equal to Y. The call terminates at another location. Check the SMDR record to determine if the calling number from the PBX or IBN trunk is in field ORIGID.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****BCS27**

This parameter was introduced in BCS27.

## **APS\_REPORT\_ALL\_CALLS**

---

### **Parameter name**

Attendant Pay Station Report All Calls

### **Functional description**

A switching unit in the People's Republic of China with the service hall feature requires this parameter.

A service hall is a site where the public places calls under the supervision of an attendant. The attendant assigns telephones to customers and collects for call charges. This system uses this service in areas with limited access to private telephone lines.

Each line in the Service Hall must have the attendant pay station (APS) option. Service order procedures assign the APS option.

The originating party can place two types of calls in the service hall: direct dial call (automatic) or operator assisted. When each direct call from the APS is completed, the system routes a log to a log system device. This log contains the call details. For direct dialed calls, the system generates a billing record. For other types of calls, the system issues manual tickets to obtain the charges.

Logs the system generates for direct dialed calls are billing records.

For direct dialed toll calls, evaluate the charges. To evaluate the charges, use the call duration field of the log and the value of parameter `METER_PULSE_MONETARY_RATE` in Table OFCVAR.

This parameter indicates the types of calls for which the system generates logs.

### **Rules in provisioning**

Set the value of this parameter to Y (yes), if the system must generate logs for all direct dial calls. Direct dial calls include the following call types:

- calls the system routes to treatment
- calls not answered
- free number terminating (FNT) calls

---

## APS\_REPORT\_ALL\_CALLS (continued)

---

Leave the parameter value at the default of N (no), when the system must generate logs for all direct dial calls. The system does not generate logs for the following types of calls:

- calls the system routes to treatment
- calls that are not answered
- free number terminating (FNT) calls

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

The parameter is set to a value of N (no). Determine if the system does not generate a log for the following calls:

- calls the system routes to treatment
- calls not answered
- free number terminating (FNT) calls

The parameter is set to a value of Y (yes). Determine if the system does not generate a log for the following calls:

- calls the system routes to treatment
- calls that are not answered
- free number terminating (FNT) calls

## **APS\_REPORT\_ALL\_CALLS** (end)

---

Refer to OM group IREC for operational measurement (OM) for this parameter.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS26**

This parameter was introduced in BCS26.



---

## ARI\_CDR\_VALUE

---

**Parameter name**

Accounting Route Index Call Detail Recording Value

**Functional description**

This parameter associates with the No. 7 signaling systems Telephone User Part Enhanced (TUP(E)) and ISDN User Part Enhanced (ISUP(E)) for the DMS-300.

The parameter specifies the value of the accounting route index (ARI). The record for a call includes the ARI in the call detail recording (CDR), in which:

- the incoming trunk is a TUP(E) or ISUP(E) trunk with field COFFTYPE set to a value of TIEROUTE
- the incoming route index (IRI) is a valid message (IRI is Y(yes))
- a IRI message is not received during the call, or IRI is N (no)

The field COFFTYPE in Table TRKGRP contain the values INTL, NATL, and TIEROUTE. If COFFTYPE is set to TIEROUTE, the next field for which the system prompts is the IRI field.

The ARI is a 16-bit parameter that provides the parameter with the range of 0 to 65535. Enter the ARI as a series, to a maximum of five decimal digits.

**Rules in provisioning**

The user can entered any value for this parameter. The ARI value entered in ARI\_CDR\_DEFAULT must not be the same as the ARI value in an IRI message.

**Range information**

Minimum	Maximum	Default
0	65535	0

**Activation**

Immediate

**Dependencies**

Does not apply

## **ARI\_CDR\_VALUE** (end)

---

### **Consequences**

Does not apply

### **Verification**

Set up a call to make sure this parameter is valid. This call must have an incoming trunk, either a TUP(E) or ISUP(E) trunk with field COFFTYPE set to TIEROUTE. The IRI of the call must be set to Y (yes) in Table TRKGRP. Do not send an IRI message to the TUP(E) or ISUP(E) trunk during the call. Clear the call down.

The CDR record produced for the call contains an ARI value of ARI\_CDR\_DEFAULT in the extension record. The system generates a log that indicates an IRI message is not received during the call.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS31**

This parameter was introduced in BCS31.

---

## ASCS\_DISABLE\_LEVEL

---

### Parameter name

Alarm Sending And Checking System Disable Level

### Functional description

A switching unit with the maintenance assistance package requires this parameter. The parameter allows the selection of alarms to disable on the alarm sending and checking system (ASCS) trunk. The system does not send alarms to the ASCS trunks when the alarms occur.

### Rules in provisioning

Set the parameter to one of the following values:

- NO\_ALM (no alarm)
- MIN (minor)
- MAJ (major)
- FSP (fuse and power alarms)
- CRIT (critical)

If the value is FSP, the system does not send major or minor alarms on the ASCS trunk when the alarms occur.

If the value is MAJOR, the system does not send major or minor alarms on the ASCS trunk when the alarms occur.

If the value is MINOR, the system does not send minor alarms on the ASCS trunk when the alarms occur.

If the value is CRIT, the system does not send critical alarms on the ASCS trunk when the alarms occur.

If the value is NO\_ALM, the system sends all alarms on the ASCS trunk when the alarms occur.

### Range information

Minimum	Maximum	Default
		NO_ALM

## **ASCS\_DISABLE\_LEVEL** (end)

---

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## ASCS\_MONITOR\_DELAY

---

**Parameter name**

Alarm Sending And Checking Monitor Delay

**Functional description**

A switching unit with the maintenance assistance package requires this parameter. The following features use this parameter:

- the alarm sending and checking (ASCS) with tones
- the alarm sending over Traffic Service Position System (TSPS)/Traffic Operator Position System (TOPS) trunk (for example, automatic numbering identification (ANI) information digit 8)

These features require a fixed pseudocode of ASCS in the common language location identifier (CLLI) table. If the switching unit has the alarm sending and checking with tones feature, refer to Table ASCS.

This parameter specifies the time, in seconds, between alarm scans in the monitor process.

**Rules in provisioning**

Specify the time, in seconds, between alarm scans.

**Range information**

Minimum	Maximum	Default
0	32767 (reserved) 3600 (programmed)	30

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **ASCS\_MONITOR\_DELAY** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## ASCS\_NOALARM\_THRESHOLD

---

**Parameter name**

Alarm Sending And Checking No Alarm Threshold

**Functional description**

The following features require this parameter:

- the alarm sending and checking with tones
- alarm sending over a Traffic Service Position System (TSPS)/Traffic Operator Position System (TOPS) trunk (for example, ANI information digit 8)

These features require a fixed pseudocode of ASCS in Table CLLI. When the switching unit has the alarm sending and checking with tones feature, refer to Table ASCS.

**Rules in provisioning**

A no alarm condition must pass through monitor delay units. This parameter specifies the time that a no alarm condition must pass before the system can bring a call down. This parameter makes sure the alarm condition does not cause repeat sends.

**Range information**

Minimum	Maximum	Default
0	32767 (reserved)	2
	1200 (programmed)	2 X ASCS_MONITOR_DELAY in seconds

**Activation**

Immediate

**Dependencies**

Refer to office parameter ASCS\_MONITOR\_DELAY

**Consequences**

Does not apply

## **ASCS\_NOALARM\_THRESHOLD** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

## ASCS\_NOSEND\_THRESHOLD

---

**Parameter name**

Alarm Sending And Checking No Send Threshold

**Functional description**

The following features require this parameter:

- alarm sending over and checking (ASCS) with tones
- alarm sending over TSPS/TOPS trunk (for example ANI information digit 8)

Both features require a constant pseudocode of alarm send and check (ASCS) in table CLLI. When the switching unit has the ASCS with tones feature, refer to table ASCS.

**Rules in provisioning**

This parameter specifies the time, in units of monitor delay time, that the system inhibits sends after a checking call. This condition occurs while the alarm condition remains the same or reduces. For example, when monitor delay time is 30 s and the no send threshold is 60, NOSEND is equal to  $30 \times 60 = 1/2$  hr.

**Range information**

Minimum	Maximum	Default
0	1200	60

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **ASCS\_NOSEND\_THRESHOLD** (end)

---

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## ASCS\_ROUTE\_INDEX

---

**Parameter name**

Alarm Sending and Checking Route Index

**Functional description**

The following features require this parameter:

- alarm sending and checking (ASCS) with tones
- alarm sending over traffic-service position system (TSPS) / traffic operator position system (TOPS) trunk (for example, automatic number system (ANI) information digit 8)

Both features require a fixed pseudocode of ASCS in table CLLI. When the switching unit has the alarm sending and checking with tones feature, refer to table ASCS.

**Rules in provisioning**

This parameter specifies the route reference index in the office route table (OFRT) that the system assigns for the ASCS feature.

**Range information**

Minimum	Maximum	Default
0	1023	0

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

## **ASCS\_ROUTE\_INDEX** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## ASCS\_TRUNK\_TIMEOUT

---

**Parameter name**

Alarm Sending And Checking Trunk Timeout

**Functional description**

The following features require this parameter:

- alarm sending and checking with tones
- alarm sending over the traffic sending position system (TSPS) / traffic operator position system (TOPS) trunk (for example, ANI information digit 8)

Both features require a fixed pseudocode of ASCS in table CLLI. When the switching unit has the alarm sending and checking with tones feature, refer to table ASCS.

**Rules in provisioning**

This parameter specifies the time, in seconds, that a send call hangs on to a trunk without a response. After the time passes without an response, the send call releases the trunk and selects another trunk in the group.

**Range information**

Minimum	Maximum	Default
0	32767 (reserved) 3600 (programmed)	60

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **ASCS\_TRUNK\_TIMEOUT** (end)

---

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

**ASR\_AUDIT\_TIME**

---

**Parameter name**

Automatic Set Relocation Audit Time

**Functional description**

A switching unit with the Automatic Set Relocation (ASR) feature requires this parameter. This parameter specifies the time when the ASR audit runs. This audit clears temporary entries for ASR.

**Rules in provisioning**

The value of this parameter (0 to 23) represents the time that the ASR audit runs. The value of this parameter indicates the time on a 24-h clock (for example, 1 represents 1:00 a.m.).

The recommended value is 1, because of the normal lack of activity on a switch at 1:00 a.m. The value of 1 makes sure the CC REx test or the extended multiprocessor system (XMS) based peripheral module (XPM) REx test do not run when this audit begins. The central control (CC) routine exercise (REx) test default is 12:00 a.m., and the XPM REx test default is 2.

**Range information**

Minimum	Maximum	Default
0	23	1

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If you use a value that causes the audit to run during peak hours of operation, this audit runs in contention with other tasks. This condition causes the audit to run more slowly and can affect system performance.

**Verification**

Does not apply

## **ASR\_AUDIT\_TIME** (end)

---

### **Memory requirements**

This parameter uses 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS36**

Corrected activation from restart to immediate in BCS 36.

#### **BCS31**

This parameter was introduced in BCS31.



---

**ASR\_CUSTGRP**


---

**Parameter name**

Automatic Set Relocation Customer Group

**Functional description**

This parameter associates with the Automatic Set Relocation (ASR) feature. The ASR feature allows a user to move integrated voice and data (IVD) telephone sets from one location to another location. The user can perform this action without the help of operating company personnel.

The process that places a set back into service with the ASR IN code is ASRI.

A customer group must be available for the use of the ASRI process. This office parameter defines the ASR customer group. This customer group allows the user to dial the ASRI code (identified in table IBNXLA).

**Rules in provisioning**

Set the value of this parameter to Y CUSTOMER\_GROUP, this action allows the customer group to use the ASRI process.

Leave this parameter at the default of N CUSTGRP\_DELETED if the customer group does not require this function.

**Range information**

Minimum	Maximum	Default
		ASRDFLT

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **ASR\_CUSTGRP** (end)

---

### **Verification**

Enter this parameter and perform an automatic set relocation process to check the function of the ASR feature.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Dump and restore rules**

#### **BCS30**

This parameter was introduced in BCS30.

---

## AUTO\_ASSIGN\_DNH\_GRPNUM

---

**Parameter name**

Automatic Assignment Of Directory Number Hunt Group Numbers

**Functional description**

This parameter activates the dynamic assignment of directory number hunt (DNH) group numbers in offices that use the Service Order Simplification for Hunt Groups feature.

**Rules in provisioning**

Set the value of this parameter to Y (yes), to activate the dynamic assignment of DNH group numbers.

If this function is not required, leave the value of this parameter at the default of N (no).

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

The following message displays when you change the value of this parameter to Y from N:

WARNING: AUTO\_ASSIGN\_DNH\_GRPNUM IS BEING TURNED ON. PLEASE SPECIFY THE PARAMETER AUTO\_ASSIGN\_DNH\_RANGE IN TABLE OFCVAR FOR AUTO ASSIGNMENT OF GROUP NUMBER TO DNH HUNT GROUP.

**Consequences**

Does not apply

**Verification**

Does not apply

## **AUTO\_ASSIGN\_DNH\_GRPNUM** (end)

---

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

This parameter was introduced in BCS31.

Copy the current value of the parameter when you perform a dump and restore.

---

## AUTO\_ASSIGN\_DNH\_RANGE

---

**Parameter name**

Automatic Assignment of Directory Number Hunt Range

**Functional description**

This parameter specifies the starting and ending group numbers for automatic assignment to directory number hunt (DNH) groups. This parameter specifies the group numbers for offices that use the Service Order Simplification for Hunt Groups feature.

**Rules in provisioning**

Set this parameter to two numeric values that represent the starting and ending group numbers for automatic assignment to DNH groups. The first value is the starting group number. The value of the starting group number must be smaller than the second value, the ending group number.

Avoid wasting memory when the automatic assignment of group numbers is made. Use the smallest number available for the starting group number.

**Range information**

Minimum	Maximum	Default
0 0	8191 8191	0 0

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

## **AUTO\_ASSIGN\_DNH\_RANGE** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS31**

This parameter was introduced in BCS31.

---

## BICRELAY\_NUM\_SIMUL\_TESTS

---

**Parameter name**

Number Of Simultaneous Bus Interface Card Relay Tests

**Functional description**

This parameter specifies the number of bus interface card relay tests (BRT) that can run at the same time. Refer to office parameter BICRELAY\_XLCM\_TEST\_SCHEDULE for the scheduling of BRTs.

**Rules in provisioning**

It takes 1 min for each XMS-based line concentrating module (XLCM) to run BIC relay tests. When this parameter is set to a value of 1, 60 XLCMs tests can occur in 1 h. When this parameter is set to a maximum of 3, a total of 180 XLCMs tests occur each hour.

Larger offices must increase the allotted time for BIC relay tests and/or the number of simultaneous tests that can run.

If an office does not have the test equipment for multiple simultaneous tests, this parameter must remain at the default value of 1. If an office does not have test equipment available, the BRT does not run.

**Range information**

Minimum	Maximum	Default
1	3	1

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If this parameter is underprovisioned, the office BRT does not test all XLCMs in the time allotted by the office parameter BICRELAY\_XLCM\_TEST\_SCHEDULE. Tests resume at the next interval, and begin where the previous test ended.

## **BICRELAY\_NUM\_SIMUL\_TESTS** (end)

---

If the BRT is in progress the parameter does not change. The CI command BICRELAY OFF stops the BRT. Entering the CI command BICRELAY ON to change the parameter and resume the BRT. Some BRTs can be in progress when the BICRELAY OFF command is in use. When these tests are complete, the parameter can change. The tests take time to complete. The CI command BICRELAY QUERY can determine a time when tests are not in progress.

### **Verification**

At the scheduled start time, XLCMs under test are set in MTCE. Operating company personnel can examine the logutil reports that the test generates.

### **Memory requirements**

Each unit requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS33.



---

## BICRELAY\_XLCM\_TEST\_SCHEDULE

---

### Parameter name

Bus Interface Card Relay XMS-based Line Concentrating Module Test Schedule

### Functional description

This parameter specifies the time frame in which the system performs a bus interface card relay test (BRT). The BRT tests the tip and ring reversal relay on each bus interface card (BIC-NT6X54) for a given XMS-based line concentrating module (XLCM). This parameter indicates the time of day and days of the week that the BRT runs.

### Rules in provisioning

This parameter consists of the following fields and ranges of values. All hours shown use the 24-h clock.

#### Fields and ranges of values

Field	Value
BRTST_START_TIME	0 to 23 (hours), 0 to 59 (minutes)
BRTST_STOP_TIME	0 to 23 (hours), 0 to 59 (minutes)
BRTST_DAYS_OF_TEST	Combinations of MO, TU, WE, TH, FR, SA, SU

For example, the default value of this parameter is 3 0 5 0 SU\$. This setting runs the BRT as follows:

#### Results of defaults

Field	Value
BRTST_START_TIME	HOURS 3, Start test at 3:00 a.m. MINUTES 0
BRTST_STOP_TIME	HOURS 5, Stop test at 5:00 a.m. MINUTES 0
BRTST_DAYS_OF_TEST	SU Run test on Sunday

Set the window for the BRT according to the number of XLCMs in the office to include in the test. The test requires 1 min for each XLCM. The operating company personnel only need to run this test one time each week. A window of 1 h with the number of tests that occur at the same time set to 1 tests 60 XLCMs. Refer to office parameter BICRELAY\_NUM\_SIMUL\_TESTS. If the system does not test all XLCMs in the allotted time, the test resumes at the

## BICRELAY\_XLCM\_TEST\_SCHEDULE (continued)

last XLCM. This XLCM is the last XLCM the system tested during the previous BRT.

A larger office can require an increase in the size of the test window, specified by the default value. Also a larger office can require an increase in the number of tests that run at the same time. A larger office can require both of these increases.

### Range information

Minimum	Maximum	Default
		3 0 5 0 SU \$

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

If the time window value is too low, the BRT does not test all XLCMs in the allotted time. The test resumes where the test stopped in the next scheduled window.

The user cannot enter the BRTST\_START\_TIME and the BRTST\_STOP\_TIME with the same values. The user must specify a minimum of a 10 min window. If the window is less than 10 min, the following warning message appears:

THE START AND STOP TIMES MUST INDICATE A WINDOW OF AT LEAST TEN MINUTES.

The user cannot change this parameter while the scheduled BRT is in progress. Use the CI command BICRELAY OFF to turn the BRT off and change the parameter. Use the BICRELAY ON command to restart the BRT.

### Verification

At the scheduled start time, XLCMs under test are set in MTCE. Operating company personnel can examine the logutil reports that the test generates.

---

**BICRELAY\_XLCM\_TEST\_SCHEDULE** (end)

---

**Memory requirements**

Each unit requires 5 words of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

You will find this parameter introduced in BCS33.

**BLOCK\_0\_INF\_INW\_CALLS**

---

**Parameter name**

Block 0 Information INWATS Calls

**Functional description**

A local or SL-100 switching unit requires this parameter. This parameter specifies if the system blocks or routes through normal translation the following 0+DA (directory assistance) call types:

- 0+800 (INWATS)
- 0+411
- 0+555
- 0+NPA555

Call attempts of this type cause the system to block the call and sends the call to treatment. This parameter provides an option to the blocking of these calls. The option is to allow the calls to go through normal translation. The option applies to all of the call types that originate in a given switching unit.

**Rules in provisioning**

The default value of this parameter is Y (yes). With the value of Y, the system blocks all of the above call types and routes the calls to treatment. An example of a treatment is the vacant code.

This parameter can have a value of N (no). With the value of N, the system does not block the above call types. The system routes the calls through the route specified in the OA class of the service screening table.

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Does not apply

---

**BLOCK\_0\_INF\_INW\_CALLS** (end)

---

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS20.

## BT\_MCI\_TIMER

---

### Parameter name

British Telephone Malicious Call Indication Timer

### Functional description

This parameter is a timer for the Malicious Call Indication (MCI) feature with British Telephone national user part (BTUP) version 2 trunks. The timer can activate when a call occurs over a BTUP trunk that terminates on an MCI-equipped line. The timer activates if the called subscriber does not activate the MCI feature during the speech phase of the call.

The timer starts when the caller goes on hook before the called subscriber. The reception of a clear (CLR) or REL message must occur in the forward direction at the terminating node. This time period allows the called subscriber to activate the MCI feature after the calling subscriber goes on hook. When the feature activates, the system logs details of the call origin.

When the timer times out, the called subscriber cannot activate the MCI feature. The system uses the terminating node to clear the call, which sends a REL message in the backward direction.

### Rules in provisioning

The BTNR 167 Issue 2 specifies that the recommended range of this timer be between 4 and 10 s. The default setting is 7 s. Values between 1 and 30 s are valid. The value of this parameter can be set outside of the recommended range of 4 to 10. If this condition occurs, the system issues a warning that states the value is not in the standard range.

### Range information

Minimum	Maximum	Default
1	30	7

### Activation

Immediate

### Dependencies

Does not apply

---

**BT\_MCI\_TIMER** (end)

---

**Consequences**

A change in the parameter value increases or decreases the time limit for the called subscriber to activate the MCI feature.

**Verification**

Set BT\_MCI\_TIMER to the maximum value of 30 s. Make a call as described in the description of this parameter. Make sure that the calling subscriber goes on hook before the called subscriber. Measure the difference between the time the calling subscriber goes on hook and the call clears. Change the parameter to an intermediate value (for example, 15 s) and repeat the test call.

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS32.

## **BUFFER\_THRESHOLDDED\_REPORTS**

---

### **Parameter name**

Buffer Thresholded Reports

### **Functional description**

This parameter controls the removal of log reports that do not print because of the log threshold process.

### **Rules in provisioning**

If this parameter is set to Y (yes), reports that do not print are in the log buffer. The reports are accessible by the use of logutil.

If this parameter is set to N (no), the system discards the reports.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		Y

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

## C7\_CHGOVER\_SLMPR\_THRESHOLD

---

**Parameter name**

C7 Changeover Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter associates with the Signaling Link Marginal Performance Report (SLMPR) feature. Every hour, the SLMPR feature reports all signaling links that exceed a minimum of one of the following threshold values:

- signaling units in error
- negative acknowledgments received
- automatic changeovers

This parameter specifies the threshold number of link changeovers. If the count of changeovers is more than this value, the hourly report lists the link. This parameter associates with the OM register C7AUTOCO in OM group C7LINK1.

**Rules in provisioning**

Set the value of this parameter to represent the threshold number of link changeovers.

**Range information**

Minimum	Maximum	Default
0	32767	4

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **C7\_CHGOVER\_SLMPR\_THRESHOLD** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29.

---

## C7\_NACK\_ERROR\_SLMPR\_THRESHOLD

---

**Parameter name**

C7 Negative Acknowledgments Error Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter associates with the Signaling Link Marginal Performance Report (SLMPR) feature. Every hour, SLMPR feature reports all signaling links that exceed a minimum of one of the following threshold values:

- signaling units in error
- negative acknowledgments (NACK) received
- automatic changeovers

This parameter specifies the threshold number of NACKs received. If the count of NACKs is more than this value, the hourly report lists the link. This parameter associates with the OM register C7NACKRX.

**Range information**

Minimum	Maximum	Default
	32767	400

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **C7\_NACK\_ERROR\_SLMPR\_THRESHOLD** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29.

---

## C7\_PDU\_ERROR\_SLMPR\_THRESHOLD

---

**Parameter name**

CCS7 Service Specific Connection Oriented Protocol Errored Protocol Data Unit Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter creates a process that, once per hour, examines the holding data in the operational measurement (OM) system for accumulation class C7\_SLMPR. The process reports all links in table C7LINK that exceed the office parameter.

This parameter is associated with OM group C7HSLAL2 and register C7SEPSEC. Register C7SEPSEC is the counter for high-speed link interface unit (HLIU)-based CCS7 links. If the value in register C7SEPSEC exceeds the value in parameter C7\_PDU\_ERROR\_SLMPR\_THRESHOLD, a CCS120 log is generated.

**Provisioning rules**

None

**Range information**

Minimum	Maximum	Default
1	9999	2

**Activation**

Immediate

**Dependencies**

OFCVAR

**Consequences**

Logs that report exceeded performance parameter thresholds are generated unnecessarily when this parameter is under-provisioned.

Logs that report exceeded threshold performance parameters fail to be produced when this parameter is over-provisioned.

## **C7\_PDU\_ERROR\_SLMPR\_THRESHOLD** (end)

---

### **Verification**

To verify this parameter, the performance measurement number must exceed the parameter threshold number.

### **Memory requirements**

There are no dump and restore rules.

### **Dump and restore rules**

There are no dump and restore rules.

### **Parameter history**

#### **CSP07**

This parameter was introduced.

---

## C7\_SLMPR\_ALARM\_ON

---

**Parameter name**

C7 Signaling Link Marginal Performance Report Alarm On

**Functional description**

This parameter associates with the Signaling Link Marginal Performance Report (SLMPR) feature. Every hour, the feature reports all signaling links that exceed a minimum of one of the following limit values:

- signaling units in error
- negative acknowledgments(NACK) received
- automatic changeovers.

This parameter allows the feature to set a link minor alarm. This parameter also allows the feature to change the link state from In Service (InSu) to In Service Trouble (ISTb) against a link that exceeds a threshold value.

**Rules in provisioning**

Set the parameter value to Y(yes) to allow the feature to set alarms against links or change the link state.

Set the value of this parameter to N (no) so that the feature cannot set alarms or change the link state.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **C7\_SLMPR\_ALARM\_ON** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS29.



---

## C7\_SSCOP\_CON\_SLMPR\_THRSHOLD

---

**Parameter name**

CCS7 Service Specific Connection Oriented Protocol Connection Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter generates a log when a performance parameter exceeds its specified threshold.

This parameter is associated with with operational measurement (OM) group C7HSLAL2, register C7SCSEC. Register C7SCSEC counts the sum of errors in the SSCOP connection. If the value in register C7SCSEC exceeds the value in C7\_SSCOP\_CON\_SLMPR\_THRSHOLD, log CCS120 is generated.

**Rules in provisioning**

There are no rules in provisioning.

**Range information**

Minimum	Maximum	Default
1	9999	16

**Activation**

Immediate

**Dependencies**

OFCVAR

**Consequences**

Logs that report exceeded performance parameter thresholds are generated unnecessarily when this parameter is under-provisioned.

Logs that report exceeded threshold performance parameters fail to be produced when this parameter is over-provisioned.

**Verification**

To verify this parameter, the performance measurement number must exceed the parameter threshold number.

## **C7\_SSCOP\_CON\_SLMPR\_THRSHOLD** (end)

---

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

There are no dump and restore rules.

### **Parameter history**

#### **TL10**

The default value changes from 5 to 16.

#### **TL07**

This parameter was introduced.

---

## C7\_SSCOP\_RETRANS\_SLMPR\_THRESHOLD

---

**Parameter name**

CCS7 Service Specific Connection Oriented Protocol Protocol Data Units Requiring Re-transmission Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter generates a log when a performance parameter exceeds its specified threshold for high-speed links.

This parameter is associated with operational measurement (OM) group C7HSLAL2 and register C7SPDURR. Register C7SPDURR is the counter SSCOP PDUs requiring retransmission for the high-speed link interface unit (HLIU)-based CCS7 links. If the value in this register exceeds the value in C7\_SSCOP\_RETRANS\_SLMPR\_THRESHOLD, log CCS120 is generated.

**Rules in provisioning**

There are no rules in provisioning.

**Range information**

Minimum	Maximum	Default
1	9999	1000

**Activation**

Immediate

**Dependencies**

OFCVAR

**Consequences**

Logs that report exceeded threshold performance parameters are generated when this parameter is under-provisioned.

Logs that report exceeded threshold performance parameters fail to be produced when this parameter is over-provisioned.

## **C7\_SSCOP\_RETRANS\_SLMPR\_THRESHOLD** (end)

---

### **Verification**

To verify this parameter, the performance measurement number must exceed the parameter threshold number.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

There are no dump and restore rules.

### **Parameter history**

#### **CSP07**

This parameter was introduced in CSP07.

---

## C7\_SU\_ERROR\_SLMPR\_THRESHOLD

---

**Parameter name**

C7 Signaling Units Error Signaling Link Marginal Performance Report Threshold

**Functional description**

This parameter associates with the Signaling Link Marginal Performance Report (SLMPR) feature. Every hour, the SLMPR feature reports on all signaling links that exceed a minimum of one of the following threshold values:

- signaling units in error
- negative acknowledgments received
- automatic changeovers

**Rules in provisioning**

This parameter specifies the threshold value for the number of signaling units (SU) in error. If the count of SUs in error exceeds this value, the SLMPR report records the link. This parameter associate with the OM register C7SUERR.

**Range information**

Minimum	Maximum	Default
0	32767	400

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **C7\_SU\_ERROR\_SLMPR\_THRESHOLD** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS29.

---

## C7UP\_RSC\_LOG\_THRESHOLD

---

**Parameter name**

C7UP Release Complete Log Threshold

**Functional description**

This parameter specifies the time interval between Integrated Services Digital Network User Part (ISUP) trunk audits. This audit indicates the number of ISUP trunks that are in the state of lockout (LO). A release complete (RLC) message timeout causes these LO state. The system can generate log report C7UP123 as a result of the audit.

The following is a sample of a C7UP123 log report:

```
C7UP123 OCT23 12:00:00 2112 INFO RSC_NOT_RECEIVED
10 OF THE 100 TRUNKS (10%) IN ISUPITOG 0
REMAIN LO DUE TO RLC TIMEOUT.
ROUTESET C7RTESET1 IS IN SERVICE.
AUDIT INTERVAL IS 15 MINUTES.
```

**Rules in provisioning**

The default value for this parameter is 15 min. The system activates ISUP trunk audit in intervals of 10 min. The trunk audit occurs along with the throttling mechanism for logs C7UP100 and C7UP300. A value of 10 min. is the lowest possible audit interval.

Operating companies that do not want to activate this feature must set the value of this parameter to 0 (zero).

**Range information**

Minimum	Maximum	Default
0 (min)	60 (min)	15 (min)

**Activation**

Immediate

**Dependencies**

Does not apply

## **C7UP\_RSC\_LOG\_THRESHOLD** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.



---

## CALL\_CONTROL\_DEFAULTS

---

### Parameter name

Call Control Defaults

### Functional description

This parameter specifies the default values for call control. This parameter replaces parameter INTRA\_OFFICE\_CALL\_CNTRL in table OFCVAR.

This parameter describes two default values in two input fields. The first field defines the default call control for line-to-line calls. The second field defines the default for line-to-trunk calls.

### Rules in provisioning

This parameter has two input fields with the values CALLING, CALLED, or MUTUAL.

Specify the default controlling party for line-to-line calls in field 1. The default controlling party is one of the following:

- the CALLED party (terminator)
- the CALLING party (originator)
- the MUTUAL party (terminator or originator)

Specify the default controlling party for line-to-trunk calls in field 2. The default controlling party is one of the following:

- the CALLED party (terminator)
- the CALLING party (originator)
- the MUTUAL party (terminator or originator)

### Range information

Minimum	Maximum	Default
		MUTUAL CALLING

### Activation

Immediate

## **CALL\_CONTROL\_DEFAULTS** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS29.

---

## CALL\_REPORT\_FORMAT

---

**Parameter name**

Call Report Format

**Functional description**

An international switching unit with standard translations requires this parameter. This parameter specifies one of the following conditions:

- if the call detail records for Selective Charge Record (SCR) and the Attendant Pay Station (APS) features format and route to a log device
- if the call detail records for the SCR and the APS features format and route to a hotel billing information center (HOBIC)

**Rules in provisioning**

Set the value of this parameter to HOBIC when the following conditions occur:

- Call records for APS and SCR must be in HOBIC record format.
- Call records for APS and SCR must route to a HOBIC device.

If HOBIC is present, set the value of this parameter to HOBIC.

Leave the value of this parameter at the default of LOG when the following conditions occur:

- APS and SCR call records must be in log format.
- APS and SCR call records must route to a log device.

**Range information**

Minimum	Maximum	Default
		LOG

**Activation**

Warm restart

**Dependencies**

Does not apply

## **CALL\_REPORT\_FORMAT** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## CAMA\_SUSP\_CALL\_ALLOWED

---

### Parameter name

Centralized Automatic Message Accounting Suspended Call Allowed

### Functional description

A switching unit with the TOPS feature requires this parameter.

This parameter specifies if calls proceed without billing or without operator interruption CAMA suspended for the following types of calls:

- 1+ CAMA
- 1+ COIN
- 1+ HOTEL

### Rules in provisioning

If the proceeding call types proceed without billing or operator interruption when CAMA is suspended, set the value of this parameter to ALL.

If the proceeding call types do not proceed without billing or operator interruption when CAMA is suspended, set the value of this parameter to NONE.

If a minimum of one, but not all, of the above call types proceed when CAMA is suspended, enter the correct data. The correct data appears in the following table.

#### Provisioning parameter CAMA\_SUSP\_CALL\_ALLOWED

Call type	Value
1+ CAMA	CS_CAMA
1+ COIN	CS_COIN
1+ HOTEL	CS_HOTEL
<b>Note:</b> A space must separate an entry of two values.	

## **CAMA\_SUSP\_CALL\_ALLOWED** (end)

---

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		NONE

### **Activation**

Immediate

### **Dependencies**

The system routes the call to reorder (RODR) treatment in the Treatment Table when CAMA is suspended. This procedure occurs when a call cannot proceed without billing or operator interruption when CAMA is suspended.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## CCW\_AS\_LINE\_OPTION

---

### Parameter name

Cancel Call Waiting As Line Option

### Functional description

This parameter specifies how the Cancel Call Waiting feature offers to subscribers. The parameter associates with the 200 ms disconnect timing feature that provides residential enhanced services (RES) lines with equal disconnect signal timing. This timing feature provides RES lines with equal disconnect signal timing to plain ordinary telephone service (POTS) lines.

This parameter improves disconnect signal timing for POTS and RES lines in conditions that involve the call waiting (CWT) option.

Before BCS30, RES lines had disconnect timing with flash privileges in all conditions. Options or features that appeared on the line did not affect RES lines with disconnect timing with flash privileges. Now, RES lines receive flash timing when necessary. For example, when features or options that activate flash are present on the line. When flash privileges are not necessary for the RES line, the RES line uses disconnect timing without a flash. This procedure occurs so that any on-hook duration greater than 200 ms is a disconnect, not a flash. In BCS30, this function extends to current office-wide CCW in the POTS and RES environments.

### Rules in provisioning

If this parameter is set to Y (yes), a line must have the option CCW to use CCW.

If this parameter is set to N (no), the following lines can use CCW:

- POTS lines with Call Waiting (CWT)
- Meridian Digital Centrex (MDC) and RES lines that have an access code to CCW

### Range information

Minimum	Maximum	Default
		N

## **CCW\_AS\_LINE\_OPTION** (end)

---

### **Activation**

Immediate

### **Dependencies**

Parameter `CCW_ACTIVE` must be set to Y to change the value of `CCW_AS_LINE_OPTION` to Y.

If `CCW_ACTIVE` changes to N, the CCW feature is not permitted on POTS or RES lines even if `CCW_AS_LINE_OPTION` is set to Y.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

Warm restart activation requirement was removed in CSP02.



---

## CCW\_WITHOUT\_CWT\_ALLOWED

---

**Parameter name**

CCW\_WITHOUT\_CWT\_ALLOWED

**Functional description**

This parameter in table OFCVAR controls the functionality of feature AF7524, Sourcing of Patch FPA75 on a switch-wide basis.

Setting the value of this parameter to Y invokes the Cancel Call Waiting (CCW) feature. This occurs irrespective of whether the Call Waiting (CWT) feature exists on a line. The line can be either plain ordinary telephone set (POTS) or residential enhanced services (RES).

To prevent a user from invoking CCW to an individual line, an operating company can assign the No Cancel Call Waiting without Call Waiting (NCCW) SERVORD to that line. When the operating company sets the value of the parameter to N, the CCW feature behaves normally.

**Provisioning rules**

Not applicable

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

## **CCW\_WITHOUT\_CWT\_ALLOWED** (end)

---

### **Memory requirements**

Not applicable

### **Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

### **Parameter history**

#### **NA010**

The NA010 release adds this parameter in feature AF7524, Sourcing of Patch FPA75.

**CDIV\_SDN\_XLA****Parameter name**

Call Diversion SDN Selector Translation

**Functional description**

A local or toll (international) switching unit with standard translations and a minimum of one of the following features requires this parameter:

- Call Diversion Operator (CDO)
- Call Diversion to Announcement (CDA)
- Call Diversion to Subscriber (CDS)

This parameter uses the SDN selector to specify the default translation information for a change in path for a call. The system uses this information in the following conditions:

- when the CDA, CDO, or CDS option with the SDN selector is added to a line with the use of service orders
- when NIL is specified for the XLASYS or XLANAME. The NIL with the use of table control to add options CDA, CDO, or CDS with the SDN selector.

**Rules in provisioning**

If the switching unit has this feature, a valid FT translation system instance must be specified as input for this parameter. The valid FT translation instances are in table FTHEAD.

Use caution when you enter a new value for this parameter. If you do not enter a valid translation table aspect, the parameter returns to NIL on a restart.

**Range information**

Minimum	Maximum	Default
		NIL

**Activation**

Warm restart

## **CDIV\_SDN\_XLA** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS20.

**CDO\_ROUTE****Parameter name**

Call Diversion Operator Route

**Functional description**

An international local or toll switching unit with the Call Diversion Operator (CDO) feature requires this parameter. This parameter specifies the default translation information for a call diversion with the use of the RTE selector. The system uses this information when the CDO option with RTE selector is added to a line with the use of service orders.

**Rules in provisioning**

If the switching unit has this feature, enter a valid route or the call diversion does not operate. The route entered must route a call to an on-operator board.

If the described route is in table IRTE, the format for the value of this parameter is as follows:

```
TABNAME IRTE XLASYS VALID TRANSLATION SYSTEM
XLANAME TRANSLATION SYSTEM INSTANCE
RTEREF 1 TO 1023
```

If the described route is in table OFRT, the format for the value of this parameter is as follows:

```
TABNAME OFRT
INDEX 1 TO 1023
```

**Range information**

Minimum	Maximum	Default
		NIL

**Activation**

Immediate

**Dependencies**

Does not apply

## **CDO\_ROUTE** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS20.

---

**CDS\_DN\_CHECK**


---

**Parameter name**

CDS Directory Number Check

**Functional description**

This parameter is necessary for a local or toll switching unit with common translations.

Certain directory numbers (DN) can have a limit so that the DNs cannot be diverted to. These DNs are in table FTCODE, if this parameter specifies this instance.

This instance can limit changes in path (according to the dialing plan) to a group of local, national, or international numbers.

**Rules in provisioning**

Specify the one-to-eight character name assigned to the instance in table FTCODE to check routing limits.

**Range information**

Minimum	Maximum	Default
		NIL

**Activation**

Warm restart

**Dependencies**

A valid FT translation system instance must be specified as input for this parameter. The valid FT translation instances are in table FTCODE. For example, if routing limits are in table FTCODE under CDSCHK, the value of this parameter is CDSCHK.

**Consequences**

Does not apply

**Verification**

Does not apply

## **CDS\_DN\_CHECK** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS36**

Activation statement corrected to specify a warm restart in BCS36.

### **Parameter history**

#### **BCS22**

This parameter was introduced in BCS22.



---

## CFGDA\_SEND\_PILOT\_DN\_TO\_SMDI\_ISUP

---

### Parameter name

Call Forward Group Don't Answer (CFGDA) Send Pilot Directory Number (DN) to Simplified Message Desk Interface (SMDI) or Integrated Services Digital Network User Part (ISUP), or both

### Functional description

When a call is forwarded by way of CFGDA to SMDI, the member DN is passed to the SMDI as the forward-from DN, and is therefore routed to the voice mail box of the member DN. This office parameter provides an option for the pilot DN to be passed to the SMDI when a call is forwarded by way of CFGDA to SMDI from any member of the hunt group. This method allows calls that have hunted to any member of a group to be forwarded to the voice mail box of the pilot DN.

This office parameter applies to both CFGDA (POTS and RES) and CFGD (call forward group don't answer for MDC).

The CFGDA feature allows Call Forward Don't Answer (CFD or CFDA) to be applied to a whole hunt group by being assigned to the pilot of the hunt group. The following types of hunt groups can be assigned to CFGDA: Directory Number Hunt (DNH), Distributed Line Hunt (DLH), and Multiline hunt (MLH). CFGDA cannot be assigned to Bridged Night Number (BNN) Hunt groups, and so has no effect on these groups.

It is possible to assign call CFD or CFDA to individual members of a DNH group. When CFGD is assigned to the DNH group, feature precedence is determined as follows:

- For calls to the pilot DN, CFGD takes precedence over CFD.
- For calls to the pilot DN, CFDA takes precedence over CFGDA.
- For calls that terminate on a DNH group member due to a direct call to that DN, CFD or CFDA takes precedence over CFGD or CFGDA.
- For calls that terminate on a hunt group member in the course of hunting, CFGD or CFGDA takes precedence over CFD or CFDA.

This office parameter has effect only when CFGDA/CFGD takes precedence over CFDA/CFD. If a call is forwarded from a member of a hunt group because of CFDA/CFD, the member DN will be passed to SMDI even when CFGDA/CFGD is datafilled on the hunt group. The pilot DN can be passed only for calls that are forwarded because of CFGDA/CFGD.

---

**CFGDA\_SEND\_PILOT\_DN\_TO\_SMDI\_ISUP** (continued)
 

---

If either Boolean value in this office parameter is set to Y, verify that the pilot DN of the hunt group is passed to the SMDI instead of the member DN for the appropriate CFGDA/CFGD scenario.

If this feature is activated to send the pilot DN over an ISUP trunk, the pilot DN will be used by all applications in the terminating switch that rely on the OCN (original called number) and RDN (redirected number) parameters of the ISUP IAM (initial address message). For example, Meridian business set (MBS) display of the forward-from DN shows the pilot DN, even when the call forwards from a member DN.

When the office parameter for intraswitch is set to send the pilot DN, the pilot DN is sent for all calls that forward from hunt groups by way of CFGDA to SMDI. When the office parameter for interswitch is set to send the pilot DN, the pilot DN is sent for all calls that forward from hunt groups by way of CFGDA over an ISUP trunk.

### Provisioning rules

This office parameter contains two Booleans: one for intraswitch SMDI, and one for interswitch ISUP to SMDI. If the CFGDA call is forwarded to SMDI intraswitch, the first Boolean value determines whether the pilot or the member DN gets passed to the SMDI. If the CFGDA call is forwarded over ISUP to SMDI in another switch, the second Boolean determines whether the pilot or the member DN gets passed over ISUP to the SMDI. A value of N in either field means that the member DN is passed to the SMDI. A value of Y means that the pilot DN is passed to the SMDI.

### Range information

Minimum	Maximum	Default
		N N

### Activation

Immediate

### Dependencies

Not applicable

### Consequences

Not applicable

---

**CFGDA\_SEND\_PILOT\_DN\_TO\_SMDI\_ISUP** (end)

---

**Verification**

Not applicable

**Memory requirements**

Not applicable

**Dump and restore rules**

Prior to this office parameter, ACT patches RER06 and RER34 provided the same functionality. During a BCS upgrade, when a site goes from a load with these ACT patches to a load with this office parameter, the activation status of the ACT patches is queried. If the patches are active, the value of the office parameter is set accordingly. If patch RER06 is active, the first Boolean is set to Y. If patch RER34 is active, the second Boolean is set to Y.

**Parameter history****NA004**

This parameter was introduced.

---

## CGETS\_OFFICE\_QUEUING

---

### Parameter name

Carrier GETS<sup>1</sup> Office Queuing

### Functional description

Office parameter CGETS\_OFFICE\_QUEUING and its refinements support office-wide queuing for Carrier GETS.

*Note:* Option CGETSNOTQ in table TRKOPTS can be used to turn off queuing on specific trunk groups when office-wide queuing is in operation.

### Provisioning rules

None

### Range information

The range of the basic CGETS\_OFFICE\_QUEUING parameter is shown in the table that follows.

Value range	Default
N or Y	N

If CGETS\_OFFICE\_QUEUING = N, office-wide queuing is not active in the office.

If CGETS\_OFFICE\_QUEUING = Y, office-wide queuing is active in the office. The refinement fields TIMEOUT, MAXCALLS and ANN must be datafilled to specify office-wide queuing operation.

The range of the refinement **TIMEOUT** is shown in the table that follows. This field specifies how long a call can sit in the queue waiting for a trunk group member to become idle.

Minimum	Maximum	Default
1 second	90 seconds	N/A

---

<sup>1</sup> The Government Emergency Telecommunications Service (GETS) allows authorized users (from federal, state, and local government, for example) to originate a call with higher probability of completion during a period of national emergency.

## 1-2 OFCVAR Parameters

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The range of the refinement **MAXCALLS** is shown in the table that follows. This field specifies the maximum number of calls that can be queued against a given trunk group.

Minimum	Maximum	Default
1	256	N/A

The range of the refinement **ANN** is shown in the table that follows. This field specifies whether or not an announcement is to be played, and (by further refinement **ANN** and entry **CLLI**) the **CLLI** of the announcement to be played.

Entry	Default
N or Y	N/A
ANN = N	
This entry specifies that no announcement is to be played to the calling party while in queue. Note that in this case sending back ACM or Call Proceeding/Progress will depend on office parameter <b>CGETS_RESP_WHEN_NO_ANNC_QUEUING</b> and/or <b>TRKOPTS</b> option <b>CGETSRESP</b> . Refer to description of <b>TRKOPTS</b> option <b>CGETSRESP</b> for details.	
ANN = Y	
This entry specifies that an announcement is to be played to the calling party while in queue. This announcement is specified by the further refinement field <b>ANN</b> , and the specific <b>CLLI</b> of the announcement, as indicated below.	
Refinement	Entry
ANN	CLLI of announcement (see Note)
<b>Note:</b> If a non-standard announcement is datafilled in the <b>ANN</b> field, the following message is displayed:  *** WARNING - The announcement will not be played. Only <b>STND</b> announcement type will be played.  Table <b>ANNS</b> defines the announcement type.	

### Activation

Immediate

### Requirements

Software Option Control (SOC) **CGET0001** must be active for the parameter to apply to call processing.

**Results**

Not applicable

**Testing**

Not applicable.

**Memory requirements**

Not applicable

**Dump and restore rules**

Not applicable.

**Parameter history**

**CSP18/ISN05**

Feature 59039429 introduces office parameter CGETS\_OFFICE\_QUEUING.

## CHECK\_FOR\_TMEM

---

### Parameter name

Check For TMEM Route Selector

### Functional description

This parameter activates a check of the route tables (for example, PXRTE) for the TMEM route selector when a trunk member is deleted.

This parameter allows a network operator to stop all checks for the TMEM selector. This procedure increases the removal of trunk members. When a check occurs, each scan of the route tables can cause a large delay of a maximum of 30 s.

### Rules in provisioning

When the value of this parameter is set to N (no), a check of the route tables does not occur. A check normally occurs when the an attempt is made to delete a trunk member.

When the value of this parameter is set to Y (yes), a check of the route tables occurs.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

The trunk members to be deleted can route to a TMEM selector. This action can corrupt translations datafill if a trunk member is deleted. At this time, the TMEM route tuple of the trunk member remains.

### Verification

Does not apply

---

**CHECK\_FOR\_TMEM** (end)

---

**Memory requirements**

This parameter does not impact memory

**Parameter history**

This parameter was introduced in BCS30.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



## **CIRCUIT\_TEST\_NUMBER\_MESSAGES**

---

### **Parameter name**

Circuit Test Number of Messages

### **Functional description**

Switching units with the Meridian Digital Centrex (MDC) Circuit Test Enhancement feature require this parameter.

This parameter specifies the number of messages sent during the loop signaling at terminal and line card tests of the diagnostic. The method used to initiate the diagnostic does not affect this action.

This parameter also specifies the number of messages sent during the circuit test part of the station ringer test. The parameter specifies the number of messages on enhanced business sets (EBS) and data (DATA) units.

This parameter also specifies the default number of messages sent during the CKTTST command at LTPMAN. If a value is not specified, the system uses the ALT CKTTST command.

### **Rules in provisioning**

The value of this parameter reflects the number of messages required to make the results of the following tests reliable:

- the diagnostic loop-signaling tests
- the station ringer circuit test

The parameter value must be greater than 1, because the system often loses the first message. Additional messages are received, which affects the result failure raised.

Use the recommended default value of 10. This value keeps the amount of time required to run the circuit test short and catches any hard failures. This value also safeguards against a message overload in the line concentrating modules (LCM).

The recommended value of 10 is based on the current switching unit signaling failure condition. If a high percentage of signaling failures occur at intervals, increase the value of this parameter. Increasing the value of the parameter helps to find the problem.

---

**CIRCUIT\_TEST\_NUMBER\_MESSAGES** (end)
 

---

**Range information**

Minimum	Maximum	Default
1	50	10

**Activation**

Activation begins when the next diagnostic or station ringer test on an EBS, DATA, AIM or IBERT line starts.

**Dependencies**

Does not apply

**Consequences**

If this parameter is overprovisioned a message overload in the LCM can occur. This overload occurs if the system runs too many tests on EBS, DATA, AIM, or IBERT lines. The tests can be diagnostics, circuit tests, or station ringer tests.

If this parameter is underprovisioned, test results are not always accurate. Results that are not accurate can occur for either of the following:

- the loop signaling part of the diagnostic
- the circuit test part of the station ringer test

**Verification**

Run the LTPMAN CKTTST command at the line card on an line with data entry where a card is not installed. The result should indicate that the circuit test failed. The number of messages sent should be equal to the value of this parameter.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS26.

## CLF\_ACCESS\_CODE

---

### Parameter name

CLF Access Code

### Functional description

This parameter provides a two-digit access code for custom calling service lines that request the Calling Line Identification with Flash (CLF) feature. The CLF option is for analog lines within the DMS-100. Local switching units require this parameter. Combined local and toll switching units require this parameter.

CLF can be present with the following features:

- switch hook flashing
- three-way calling
- call transfers

Lines without the CLF option require only switch hook flashing for custom calling.

### Rules in provisioning

Specify the two-digit access code for custom calling service lines that request the CLF feature.

The range is 00 to 99. The default value is NN.

### Range information

Minimum	Maximum	Default
00	99	NN

### Activation

Immediate

### Dependencies

For assignment of CLF, refer to table LENLINES.

---

**CLF\_ACCESS\_CODE** (end)

---

**Consequences**

The user cannot use the two-digit code that this parameter specifies for two-digit dialing. The user also cannot use the two-digit code as a feature access code in table IBNXLA.

The CLF feature is not compatible with integrated-services digital network (ISDN) telephone sets that originate calls. A call can originate from an ISDN telephone set to an Integrated Business Network (IBN) line that has CLF assigned. When this condition occurs the IBN subscriber flashes the hookswitch and dials the CLF access code (for example, 11#). The CLF feature does not continue to hold the ISDN line. When the IBN line tries to apply the CLF option, the system generates log FTR138. This log means treatment is set to FNAL (FEATURE\_NOT\_ALLOWED).

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## CMAJALARM

---

### Parameter name

C Major Alarm Thresholds

### Functional description

This parameter specifies the minor, major, and critical alarm thresholds for lines with a failure flag of C (uppercase C).

A diagnostic failure flag C denotes a line that failed the system diagnostic after the line exceeded the call processing (CP) error thresholds. The flag also denotes a line that exceeded the CP major error threshold a second time. The line exceeded the threshold less than 15 min after the line returned to service. The line returned to service after the line exceeded the threshold the first time.

If the number of C failures equals or is greater than one of the alarm thresholds, the system raises the correct alarm.

### Rules in provisioning

Set the CMAJALARM thresholds based on the current level of office failure problems and the level of notification required for these failures. The three fields, read from left to right, represent the minor, major, and critical alarm thresholds.

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	5 10 15

### Activation

To change this parameter, use the ALMSTAT command at the LTP Map level. When the user changes the value, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

### Consequences

If the user sets the alarm thresholds too high, the system can encounter too many call processing errors without enough notification.

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS29.

## **CMD\_MAP\_ENABLED**

---

### **Parameter name**

Command MAP Enabled

### **Functional description**

This parameter determines the type of display used for MAPCI full screen output. The system creates a MAPCI full screen output when the user enters MAPCI during a NEMAS MTP CMD Session. This action allows the session device to behave like the session device is a terminal hooked to the DMS IOC.

### **Rules in provisioning**

If the parameter is N (no), the full MAPCI display scrolls up as 24 lines of 80 characters. This action occurs when the parameter is set after the user enters the MAPCI or CI level command. This display indicates the state of the current display and the display at the end of the last command. This display includes any automatic updates that occur while the system waits for input from the AOM. When the command is complete, the display scrolls up again to reflect the result of the command. This display includes any automatic updates that occur during the command execution. The AOM enters another MAPCI or CI command.

Use N if the display terminal for the CMD Session is not configured to handle VT100 control codes. These codes are for full screen MAP terminal control.

If the parameter is Y (yes), the screen receives the automatic updates. These updates occur from the time the user last entered the MAPCI or CI command. When the command executes, the system sends updates to the display and the terminal. When the system completes the command, the display freezes. This freeze allows the user to enter another command. When the parameter is set to Y, the parameter assumes the AOM terminal understands the VT100 control codes.

The MORE... performs as before, with the following exceptions:

- When set to N, the display continues to scroll up.
- When set to Y, the display continues to apply to the terminal.
- The MORE... does not time-out and display the command output after 15 s. The MORE... normally times out and displays the command output after 15 s.
- The SAVEMAP command and the PRINTMAP command do not work. If the user needs a PRINTMAP image, change the setting to N. Enter the desired command the user needs for the PRINTMAP image.

---

**CMD\_MAP\_ENABLED** (end)

---

**Range information**

The range of values for this parameter is Y or N.

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

Does not apply

**Dump and restore rules**

Copy the current value of this parameter or consult Northern Telecom Customer Engineering.



## CMG\_ENABLED

---

### Parameter name

Call Management Group (CMG) Enabled

### Functional description

This parameter activates or deactivates the functionality of the Dual Line Call Management (DLCM) feature on the switch.

### Provisioning rules

Not applicable

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

None

### Consequences

Not applicable

### Verification

None

### Memory requirements

None

### Dump and restore rules

Not applicable

### Parameter history

#### NA010

The DLCM feature (AJ4899) introduced this parameter.

**CMINALARM****Parameter name**

C Minimum Alarm Thresholds

**Functional description**

This parameter specifies the minor, major, and critical alarm thresholds for lines with a failure flag of c (lowercase c).

A diagnostic failure of c indicates a line exceeds the call processing (CP) minor error thresholds. The system did not put the call in a shower queue for a diagnostic. The number of c failures can be equal to, or greater than, one of the alarm thresholds. When this condition occurs, the system raises the correct alarm according to the number of c failures.

**Rules in provisioning**

Set CMINALARM thresholds based on the current level of office failure problems and the level of notification required for these failures. The fields of this parameter, read from left to right, represent minor, major, and critical alarm thresholds.

**Range information**

Minimum	Maximum	Default
0 0 0	32 767 32 767 32 767	5 10 15

**Activation**

Use the ALMSTAT command at the LTP MAP level to change this parameter. When the user changes the value, the system updates all current alarms to reflect the failures with the new values.

**Dependencies**

Does not apply

**Consequences**

If the user sets the alarm thresholds too high, the system can encounter too many call processing errors without enough notification.

**Verification**

Does not apply

## **CMINALARM** (end)

---

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29.

---

## CNDB\_ON\_POTS

---

**Parameter name**

Calling Number Delivery Blocking on Plain Ordinary Telephone Service

**Functional description**

This parameter activates, or deactivates, the office ability to provide calling number delivery blocking (CNDB) functionality for the plain ordinary telephone service (POTS) environment.

**Rules in provisioning**

When application of feature package NTXP73AA to the office occurs, this parameter has initial setting N (no). If this parameter is set to N, subscribers cannot activate CNDB for the line of the subscriber. This action results in a dialing error treatment.

If this parameter is set to Y (yes), POTS subscribers can activate CNDB for the line of the subscriber. The POTS subscribers dial the CNDB on POTS access code to activate CNDB. This feature allows the subscriber to prevent the display of the subscriber directory number private to other subscribers for each call.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

When this parameter is set to Y, the POTS subscriber can dial the CNDB on POTS access code. This action activates CNDB for the call.

## **CNDB\_ON\_POTS** (end)

---

### **Memory requirements**

Each unit requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS33.

---

## COIN\_DTF\_TOTALIZER\_RESET

---

**Parameter name**

Coin Dial Tone First Totalizer Reset

**Functional description**

The operating company requires this parameter when the switching unit has AT&T dial tone first coin telephones.

**Rules in provisioning**

Set this parameter to Y (yes) when the user requires an 800 ms delay. The delay occurs after a tip/ring line reversal and before the blind coin return of the operator. This delay works on a coin line to operator call. With the parameter changed to Y, the system prevents coin tones to the operator for coins that will be returned.

Leave the value of this parameter at the default of N (no) if the user does not require this function.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **COIN\_DTF\_TOTALIZER\_RESET** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## COIN\_OPERATOR\_RELEASED\_ON\_OA

---

**Parameter name**

Coin Operator Released on Operator Assistance

**Functional description**

An AT&T switching unit that implements or can route credit card service requires this parameter. This parameter applies to all coin first and dial tone first coin lines in the switching unit.

This parameter makes sure that the system maintains normal battery on coin lines for operator assisted calls on first answer.

**Rules in provisioning**

If coin lines are coin first (line class code CCF in table LINEATTR ), set the value of this parameter to CCF.

If coin lines are dial tone first (line class code CDF in table LINEATTR), set the value of this parameter to CDF.

If a combination of coin first and dial tone first coin lines are present, set the value of this parameter to CCFCDF.

If the operating company does not require this parameter, set the value to INACTIVE.

**Range information**

Minimum	Maximum	Default
		INACTIVE

**Activation**

Immediate

**Dependencies**

Refer to table LINEATTR in the data schema section of *Translations Guide* for a description of line codes CCF and CDF.

**Consequences**

Does not apply



## **COIN\_OPERATOR\_RELEASED\_ON\_OA** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

**COIN\_RETAIN\_ON\_OA**


---

**Parameter name**

Coin Retain on Operator Assistance

**Functional description**

An AT&T switching unit that implements or that can route credit card service requires this parameter. This parameter applies to all coin first and dial tone first coin lines in the switching unit.

The parameter retains the first deposit (no coin return) on operator assisted calls on first answer.

**Rules in provisioning**

If the coin lines are coin first (line class code CCF in table LINEATTR ), set the value of this parameter to CCF.

If the coin lines are dial tone first (line class code CDF in table LINEATTR), set the value of this parameter to CDF.

If a combination of coin first and dial tone first coin lines are present, set the value of this parameter to CCFCDF.

If the operating company does not require this parameter, set the value to INACTIVE.

**Range information**

Minimum	Maximum	Default
		INACTIVE

**Activation**

Immediate

**Dependencies**

For an explanation of line class codes CCF and CDF, refer to table LINEATTR in the data schema section of the *Translations Guide*.

**Consequences**

Does not apply

## **COIN\_RETAIN\_ON\_OA** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## CONTINUOUS\_RETRY\_TIMERS

---

**Parameter name**

Continuous Retry Timers

**Functional description**

This parameter specifies the sleep timer and the sanity timer for continuous retry calls.

**Rules in provisioning**

The first field of this parameter is the sleep timer. The sleep timer has a range of 2 to 10 s. The second field of this parameter is the sanity timer. The sanity timer has a range of 11 to 90 s.

The sleep timer controls the time the DMS waits before the DMS again attempts to find an outgoing route for a call. The outgoing route must have a routing control indicator (RCI) value that supports continuous retry.

The sanity timer allows the operating company to stop calls from attempting again if the calls cannot find a free route. The calls must find a free route before the timer expires.

Set the value of this parameter according to the commitment of the operating company to route continuous retry calls. Emergency service calls are an example of continuous retry calls. If continuous retry calls are not as important as a high service rate, set the sanity timer to a low value. Set the sleep timer to a high value.

**Range information**

Minimum	Maximum	Default
211	10 90	212

**Activation**

Immediate

**Dependencies**

Does not apply

## **CONTINUOUS\_RETRY\_TIMERS** (end)

---

### **Consequences**

If the values of this parameter are not set correctly, a problem can occur. The switch can use a high amount of time to attempt to find a route for a continuous retry call. This action affects call capacity.

### **Verification**

To verify changes to the value of this parameter, make retry calls. Monitor the switch performance.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS36.

---

## CREATE\_PARTIAL\_800\_AMA-CANADA ONLY

---

**Parameter name**

Create Partial 800 Automatic Message Accounting

**Functional description**

The system requires this parameter when 800 PLUS capabilities are active in the office. This parameter controls the generation of 800 PLUS billing records if the system receives a calling number that is not complete.

**Rules in provisioning**

If two conditions are present, the system does not generate the automatic message accounting (AMA) record. These conditions are a parameter value of N (no) and a calling number on the 800 PLUS call that is not complete. These conditions include calls that originate from lines or trunks.

The system generates the AMA record if two conditions are present. These conditions are a parameter value of Y (yes) and a calling number on the 800 PLUS call that is not complete. These conditions include calls that originate from lines or trunks.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **CREATE\_PARTIAL\_800\_AMA-CANADA ONLY** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS22.

---

## CUSTOMER\_DATA\_CHANGE\_LOGS

---

**Parameter name**

Customer Data Change Logs

**Functional description**

A minimum of one customer group can have the Customer Data Change (CDC) feature. When a customer group has this feature, this parameter controls if the system generates logs CDC101, CDC102, and CDC103.

The system generates a CDC101 log report each time a CDC user issues a service order command.

The system generates a CDC102 log report each time a CDC user issues a table editor command.

The system generates a CDC103 log report each time a CDC user issues a pending service order command.

**Rules in Provisioning**

When the user sets this parameter to Y (yes), the system issues the log reports.

When the user sets this parameter to N (no), the system does not issue the log reports.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply



## **CUSTOMER\_DATA\_CHANGE\_LOGS** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## CUTOFF\_ON\_DISC\_TIME

---

**Parameter name**

Cutoff on Disconnect Time

**Functional description**

This parameter specifies the time that the system cuts off a line with the cutoff on disconnect (COD) option after disconnect. The parameter specifies the time in 10-ms intervals. This parameter specifies this time before the system returns the line to the IDLE state. The NTP 297-8001-808 entitled "SERVORD Reference Manual" describes the line option COD.

**Rules in provisioning**

Specify the length of time after disconnect that the system cuts off a line with the cutoff on disconnect option.

**Range information**

Minimum	Maximum	Default
0	255 (2.55s)	80 (800 ms)

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore procedure.

## **CUTOFF\_ON\_DISC\_TIME** (end)

---

### **Parameter history**

#### **BCS36**

The default value was changed from 30 to 80 to correspond to the Global cutoff on disconnect value.

---

**CWT\_TIMEOUT**

---

**Parameter name**

Call Waiting Timeout

**Functional description**

A local switching unit with universal translations and the Call Waiting (CWT) feature requires this parameter.

This parameter specifies the time between the first and second burst of CWT tone. The time is in seconds. This parameter also specifies the timeout after the system applies the second CWT tone for a call with call waiting.

When a subscriber with the CWT feature is in a call, the following events occur:

- an incoming caller to that directory number (DN) receives a ringing signal
- the system gives a call waiting tone to the busy DN

The call is to a line or trunk and not to a tone or an announcement.

Only the intended subscriber can hear the CWT tone. This parameter allows the new call to wait for the time that this parameter specifies. During this period, the called subscriber can accept or reject the waiting call. If the timeout expires or the called subscriber rejects the call, the system immediately returns the busy tone to the caller.

The CWT tone is a single tone of 300-ms duration.

**Rules in provisioning**

Do not apply

**Range information**

Minimum	Maximum	Default
5	30	15

**Activation**

Immediate

## **CWT\_TIMEOUT** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

Does not apply

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS36**

Activation statement changed to immediate in BCS36.

#### **BCS22**

This parameter was introduced in BCS22.

---

**CWT\_TONE\_LENGTH**


---

**Parameter name**

Call Waiting Tone Length

**Functional description**

This parameter specifies the length of a solid burst of call waiting tone, in 100-ms intervals, for Integrated Business Network (IBN) call waiting as follows:

- customer groups that do not specify option DISTCWTN in table CUSTSTN
- customer groups where option DISTCWTN has been specified and the waiting party is in the same customer group as the station being waited on

**Provisioning rules**

Specify the length of a solid burst of call waiting tone, in 100-ms intervals, for IBN call waiting.

**Range information**

Minimum	Maximum	Default
1	15	3

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.

## **CWT\_TONE\_LENGTH** (end)

---

### **Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

### **Parameter history**

#### **BCS15**

BCS15 introduced this parameter.

---

## DAILY\_ISDN\_L2L3\_PEG\_AUDIT\_TIME

---

**Parameter name**

Daily Integrated Services Digital Network Layer 2 Layer 3 Peg Audit Time

**Functional description**

This parameter specifies the time of day that the system audits and resets all ISDN layer 2 and layer 3 peg counts.

The report that the system generated creates ISDN201 logs.

**Rules in provisioning**

Set parameter DAILY\_ISDN\_L2L3\_PEG\_AUDIT\_TIME to become active during a low traffic period on the switch. Do not change the setting while the audit is active.

Use the 24-h clock with the range of values of 0:00-23:59 for the time of day for this parameter. For example, 8:30 PM=20:30.

**Range information**

The range of values for this parameter is time of day: 0:00 to 23:59.

Minimum	Maximum	Default
0 00	23 59	2 00 (2:00 AM)

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

The system generates ISDN201 logs when the audit is complete.

**Memory requirements**

This parameter does not impact memory.



## **DAILY\_ISDN\_L2L3\_PEG\_AUDIT\_TIME** (end)

---

### **Dump and restore rules**

Follow the reformat procedure to change parameter name.

### **Parameter history**

#### **NA008**

This parameter replaces office parameter DAILY\_ISDN\_LAYER2\_PEG\_AUDIT\_TIME in NA008. This parameter replaces this office parameter to include layer 3 functionality to run in conjunction with layer 2 audits.

---

## DEFAULT\_SIGNALLING\_TYPE

---

**Parameter name**

Default Signalling Type

**Functional description**

This parameter allows for the selection of a default signalling type for a line. Either DP (Dial Pulse) or DT Digitone may be selected. This parameter is applicable only for non-keyset lines.

**Provisioning rules**

This office parameter is used to select the default signalling type while provisioning a non-keyset line. The behavioral changes are as follow:

DEFAULT\_SIGNALLING\_TYPE = DP: When office parameter is set to default value DP, the signalling type of a line provisioned will be DP signalling unless DGT option is in the input list.

DEFAULT\_SIGNALLING\_TYPE = DT: When office parameter is set to the value DT, the signalling type of a line provisioned will be DT signalling unless DP option is in the input list.

The range information is as follows:

Minimum	Maximum	Default
		DP

**Activation**

Immediate

**Parameter history**

This parameter was introduced in NA015.

**DATA\_CALL\_SMDR**

---

**Parameter name**

Data Call Station Message Detail Recording

**Functional description**

Switching units with Datapath, ISDN and the station message detail recording (SMDR) system require this parameter. The parameter indicates if a SMDR record includes data call and resource identification (DCI) data.

The following table outlines the DCI codes that field DCI accepts:

**DCI codes acceptable**

<b>DCI code</b>	<b>Data call</b>	<b>Modem pool used</b>	<b>Meaning</b>
0	N	N	Voice call
2	Y	Y	Data call without MP
3	Y	Y	Data call with MP
A	-	-	Unknown or feature inactive

**Rules in provisioning**

If the value is set to Y (yes), the SMDR call records can have the new format, which includes the DCI code.

If the value is set to the default value of N (no), the SMDR call records can have the old format.

Set the value of the parameter to Y for only switching units that must bill or analyze data calls.

Use the default value for switching units that do not have the Datapath and ISDN features.

**Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

---

**DATA\_CALL\_SMDR** (continued)

---

**Activation**

The change is immediate and applies only to calls disconnected after the parameter change.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

When you enable the parameter, follow these steps to verify that the parameter is operational:

1. Originate a call from a data unit (DU) to another party.
2. Answer from the other party.
3. Change the office parameter value to Y.
4. Enable the AMAB150 log.
5. Disconnect the call.
6. Note that the 12th digit of the originating DU has the correct DCI value of 2.

When you disable the parameter, follow these steps to verify that the parameter is operational:

1. Originate a call from a DU to another party.
2. Answer from the other party.
3. Change the office parameter value to N.
4. Enable the AMAB150 log.
5. Disconnect the call.
6. Note that the 12th digit of the originating DU has the correct DCI value of A.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**DATA\_CALL\_SMDR** (end)

---

**Parameter history**

**BCS26**

This parameter was introduced in BCS26.

---

## DCN\_BUFFER\_NUMBER\_OF\_BLOCKS

---

**Parameter name**

DCN buffer number of blocks

**Functional description**

The DCN\_BUFFER\_NUMBER\_OF\_BLOCKS is a read only parameter.

This parameter indicates the number of blocks of memory reserved for table buffering changes. The table changes are synchronized to TelePATH. TelePATH is an Operational Support System for provisioning a DMS switch. TelePATH uses a datalink to send and receive table datafill to and from a switch.

This parameter maintains the set number of buffers after a software upgrade.

**Rules in provisioning**

Does not apply

**Range information**

Minimum	Maximum	Default
0	1024	0

**Activation**

Does not apply

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

Does not apply

## **DCN\_BUFFER\_NUMBER\_OF\_BLOCKS** (end)

---

### **Dump and restore rules**

Does not apply

### **Parameter history**

#### **BASE08**

Parameter DCN\_BUFFER\_NUMBER\_OF\_BLOCKS was introduced in BASE08.

---

## DCT\_TEST\_CALL\_SPILL

---

**Parameter name**

Data Call Tester Test Call Spill

**Functional description**

A DMS-100 or DMS-200 with the Data Call Tester (DCT) feature requires this parameter. The parameter defines the directory number (DN) that receives billing for all DCT test calls.

**Rules in provisioning**

Specify the 10-digit DN that receives all DCT test calls bills.

If the DN is not 10 digits in length the MAP displays, the following message:

DCT\_TEST\_CALL\_SPILL MUST BE A 10-DIGIT DN.

**Range information**

Minimum	Maximum	Default
		4185551212

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Verify that the specified DN receives billing for DCT test calls to verify that the parameter is operational.

**Memory requirements**

This parameter does not impact memory.



## **DCT\_TEST\_CALL\_SPILL** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS36**

This parameter was introduced in BCS36.

---

## DENY\_POPULATED\_SUBTABLE\_DELETION

---

### Parameter name

DENY\_POPULATED\_SUBTABLE DELETION

### Functional description

This parameter controls the automatic deletion of tuples after the deletion of a head table tuple.

If this parameter is set to N, the default value, a request to delete a head table tuple creates the following conditions:

- If subtable tuples are present, the system generates a warning message that indicates that subtable tuples are present. The warning message lists the names of the subtables. If the operating company personnel confirm that the head table tuples must be deleted then the deletion of all subtable tuples occurs automatically.
- If subtable tuples are not present, the system does not generate a message and the head table tuple is deleted.

If this parameter is set to Y, a request to delete a head table tuple creates the following conditions:

- If subtable tuples are present, the system does not generate an error message that lists the subtables that contain the tuples. The deletion request is rejected. The operating company personnel must manually delete each subtable tuple and enter the head table deletion request again.
- If subtable tuples are not present, the system does not generate a message and the head table tuple is deleted.

### Rules in provisioning

There are no rules in provisioning.

### Range information

N or Y

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

## **DENY\_POPULATED\_SUBTABLE\_DELETION** (end)

---

### **Verification**

Request the deletion of a head table tuple which has associated subtable tuples. If the request is rejected and an error generates, the parameter is set to Y. If only a warning message generates, the parameter is set to N.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

There are no dump and restore rules.

### **Parameter history**

#### **BASE 08**

Parameter DENY\_POPULATED\_SUBTABLE DELETION was introduced in release BASE 08.

---

## DIAGALARM

---

**Parameter name**

Diagnostic Alarm

**Functional description**

This parameter is the diagnostic failure flag. The parameter maintains a counter and three threshold levels for the diagnostic failure type. The three threshold levels are minor, major and critical. An alarm condition occurs when one or more of the failure counters exceeds a threshold level that the parameter specifies.

To change the value of this parameter, use the AlmStat command at the LTP MAP level.

**Rules in provisioning**

Set the value of this parameter to represent the thresholds for the diagnostic failure alarms. The three fields, from left to right, represent minor, major, and critical alarm thresholds.

For example, the default value of 10 20 30 defines the alarm thresholds as follows:

- the minor alarm threshold is 10 failures
- the major alarm threshold is 20 failures
- the critical alarm threshold is 30 failures

**Range information**

Minimum	Maximum	Default
0 0 0	32767 32767 32767	10 20 30

**Activation**

Use the ALMSTAT command at the LTP Map level to change the parameter. The use of the ALMSTAT command to change the parameter updates all current alarms with the new values to reflect the failures.

**Dependencies**

Does not apply

## **DIAGALARM** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

These parameter values require 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## DIALBACKPW\_ENCRYPTED

---

**Parameter name**

Dial Back Password Encrypted

**Functional description**

A switch with the Automatic Dial Back feature requires this parameter. The parameter indicates if suppression of the show dial-back password (SHOWDBPW) command must occur.

**Rules in provisioning**

Set the value of this parameter to Y to suppress the SHOWDBPW command. Leave the value of this parameter at the default of N (no) if suppression of the SHOWDBPW is not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## **DIALBACKPW\_ENCRYPTED** (end)

---

### **Parameter history**

#### **BCS18**

This parameter was introduced in BCS18.

---

## DISKLOGMEMORY

---

**Parameter name**

Disk Log Memory

**Functional description**

This parameter specifies the number of bytes, in units of 1000, that the log interception function uses.

The greater this value, the greater the number of captured unformatted logs. Problem conditions can prevent the capture of all logs by the LOGUTIL feature. The log interception code that uses this store can intercept logs that the LOGUTIL does not capture.

This parameter can contain any value from 16 to 512 in units of 2. Values 1 to 15 are invalid.

Lower the value of the parameter if the switching unit does not have enough data store for other, more important, applications.

**Rules in provisioning**

Specify the amount of memory (in kbytes) that the log interception feature uses.

To deactivate the interception feature, you can set the value of this parameter to 0. This change can not be immediate because of pending deallocation.

**Range information**

Minimum	Maximum	Default
0 (deactivated) 16 (activated)	512	0

**Activation**

Immediate

Requests for more memory receive an immediate response if memory is available. Requests for reduction of the amount of DISKLOGMEMORY are met if permanent store records all logs that the memory contains. The permanent store is normally in disk format.



## **DISKLOGMEMORY** (continued)

---

To make sure that enough data store is available, a warning appears when data store becomes low. The number of free untyped vast areas indicates the level of available data store. Users must terminate the request when the untyped free vast areas is less than or equal to twice the data store types.

### **Dependencies**

The deallocation of memory associated with captured logs that permanent store does not record is not immediate. Permanent store must record these logs before the memory associated with the logs is available to the rest of the system.

Note that setting this value to 0 does not completely turn the associated DIRP DLOG subsystem off. To turn the subsystem off, the user must set the parameter DIRPKILL\_IN\_EFFECT in table OFCSTD to Y. The user must reduce the MINFILES to zero. Make sure that the number of alarms that are not NA corresponds to the value in NUMFILES. The user must demount all volumes.

### **Consequences**

The overprovisioning of this parameter value results in memory that is not used.

The overprovisioning of this parameter causes the feature to take longer to fill its buffers before it rejects logs if the system is in a tight log-generating loop. If the same log generates repeatedly it is best to discard logs quickly so that important CPU time is not wasted.

The underprovisioning of the parameter results in the rejection of informative logs. The event occurs when the entire collection of buffers is filled and the buffer permanent store does not record contents.

### **Verification**

Go into DIRP level of the MAP (MAPCI;MTC;IOD;DIRP) and type the command QUERY DLOG.

The record count must increase over time if the value of the parameter is not set to 0 and the system continues to generate logs. This increase indicates that some logs are being taken from memory and placed in permanent store.

### **Memory requirements**

The value of parameter multiplied by 1000 represents the number of bytes of memory for use in log interception.

## **DISKLOGMEMORY** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS28**

This parameter was introduced in BCS28.

## **DIST\_CWT\_TONE**

---

### **Parameter name**

Distinctive Call Waiting Tone

### **Functional description**

This parameter specifies the on-off durations for the special call waiting (CWT) distinctive cadence, in 10-ms intervals.

The CWT feature uses this cadence when table CUSTSTN contains the DISTCWTN option and the waiting party is from outside the customer group of the party the waiting party terminates on.

### **Rules in provisioning**

This parameter requires two values: ON\_SCALE, and OFF\_SCALE.

The default value is 25 (250 ms) on and 10 (100 ms) off.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
1 1	70 10	25 10

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

---

**DIST\_CWT\_TONE** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS15**

This parameter was introduced in BCS15.

## **DND\_ROUTE**

---

### **Parameter name**

Do Not Disturb Route

### **Functional description**

A local (international) switching unit with universal translations and the Call Diversion (CDO) Do Not Disturb (DND) feature requires this parameter.

When interception of a call occurs the parameter specifies the call destination to allow the call to be routed again.

International DND (IDND) allows all incoming calls to divert to treatment when the feature is active.

The IDND is available to all subscribers with a DTMF line. A subscriber can activate, deactivate, and interrogate the feature. A subscriber with IDND active on the line receives a special dial tone.

### **Rules in provisioning**

Use of the IDND for a switching unit requires entry of a valid route. The route must route a call to an announcement or treatment.

---

**DND\_ROUTE** (continued)

---

If the specified route is in table IRTE, the format for the value of this parameter is the following:

- TABNAME
  - IRTE
- XLASYS
  - valid translation system
- XLANAME
  - translation system instance
- RTEREF
  - 1 to 1023

If the route entry is in table OFRT, the format for the value of this parameter is as follows:

- TABNAME
  - OFRT
- INDEX
  - 1 to 1023

**Range information**

Minimum	Maximum	Default
		NIL

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **DND\_ROUTE** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS23**

This parameter was introduced in BCS23.

---

## DPT\_OPTIMIZED\_CIC\_SELECTION

---

### Parameter name

Dynamic Packet Trunk Optimized Call Identification Code

### Functional description

Office parameter DPT\_OPTIMIZED\_CIC\_SELECTION improves the XA core blocking caused by the ASCENDING SEQUENTIAL/DESCENDING SEQUENTIAL CIC selection algorithms for DPT trunks.

On XA core platform, this parameter will be set to YES. On BRISK platform, this parameter will be set to NO. When this parameter is set to YES, a modified version of the ASCENDING/DESCENDING CIC selection algorithm takes effect for DPT trunks. With this modified algorithm, sets of contiguous CICs are automatically calculated and defined internally as a "block" of CICs. A CIC block is randomly selected, then a CIC is selected from the block using the existing ASCENDING/DESCENDING CIC algorithm.

When this parameter is set to no, the existing (standard) ASCENDING/DESCENDING CIC selection algorithm will be used for DPT trunks.

### Provisioning rules

On XA core platform, this parameter is set to a default value YES otherwise the significant XA core blocking will cause performance degradation

On BRISK platform, this parameter will be set to a default value NO because there is no XA core blocking issue.

### Range information

The range information is as follows:

Minimum	Maximum	Default
YES, NO	YES, NO	YES for XA core, NO for BRISK

### Activation

Immediate

### Requirements

None



## **Results**

Not applicable

## **Testing**

Not applicable.

## **Memory requirements**

Not applicable

## **Dump and restore rules**

Not applicable.

## **Parameter history**

### **CSP18/ISN05**

Feature 59038738 introduces office parameter  
DPT\_OPTIMIZED\_CIC\_SELECTION in CSP18/ISN05.

---

**DTULDINFO**

---

**Parameter name**

Digital Test Unit Load Information

**Functional description**

This parameter stores the firmware filename of the default digital test unit (DTU).

The LOADFW command contains a filename option to let the user specify the filename of the firmware load. When the user specifies the filename, the load-firmware software takes DTU firmware from the specified load file. If the user does not specify a filename, the software uses the default that this parameter specifies.

**Rules in provisioning**

The value of this parameter is the eight-character DTU firmware default filename.

**Range information**

Minimum	Maximum	Default
		NILFNAME

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 1 word of memory.

## **DTULDINFO** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS35**

This parameter was introduced in BCS35.

---

**DTUOHBTLD**

---

**Parameter name**

Digital Test Unit Off-hook Balance Test Load Name

**Functional description**

This parameter specifies the balanced network (BalNet) data test unit (DTU) firmware load name.

The LOADFW (load firmware) command provides a file name option. This file name option allows the user to specify the file name of the firmware load. The load-firmware software takes BalNet DTU firmware from the load file that the user specifies. If the command does not specify a file name, the system uses the default that this parameter specifies.

**Rules in provisioning**

Set the value of this parameter to the eight-character BalNet DTU firmware default file name.

**Range information**

Minimum	Maximum	Default
		NILFNAME

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

The value specified by this office parameter is compared against valid firmware load file names. If a match does not appear, the user is informed that the LOADFW action is aborted. LOADFW is aborted because of a not permitted load file name.

**Verification**

Does not apply

## **DTUOHBTL**D (end)

---

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **CSP02**

This parameter was introduced in CSP02.

---

## E911\_CHECK\_DEFAULT\_ESN

---

**Parameter name**

E911 Check Default Emergency Service Numbers

**Functional description**

This parameter stops the user from being able to enter emergency service numbers (ESN) that are not in Table E911ESN for E911 trunk groups.

**Rules in provisioning**

The user can set the value of this parameter to Y (yes). This action stops the user from being able to enter an ESN in E911 trunk groups not contained in Table E911ESN.

The user can leave this parameter at the default value of N (no). This action allows the user to enter an ESN in E911 trunk groups not contained in Table E911ESN.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

This parameter affects the addition of E911 trunk groups in table TRKGRP.

The user can set the parameter to Y, and attempt to add an E911 tuple with an ESN not in Table E911ESN. If this action occurs, the addition or change fails.

**Verification**

In table TRKGRP, attempt to add an E911 trunk group with an ESN not entered in Table E911ESN.

## **E911\_CHECK\_DEFAULT\_ESN** (end)

---

If the office parameter is N, the system adds the tuple and generates a warning message and log. If the office parameter is Y, the system does not add the tuple. The system generates an error message.

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS34**

This parameter was introduced in BCS34.

---

## E911\_PSAP\_DISCONNECT\_TIME

---

### Parameter name

E911 Public Safety Answering Point Disconnect Time

### Functional description

This parameter is for the E911 feature that provides centralized emergency service. The service is provided through a DMS-100 or 100/200 switch that functions as an E911 tandem. The E911 tandem receives 911 calls from several end offices. The call tandem routes the calls to the appropriate public safety answering point (PSAP) for customer area or emergency service zone (ESZ). The E911 feature makes sure that subscriber receive the emergency services best suited to the location.

The system generates an E911204 log when an LDT PSAP does not return an on-hook signal to the E911 tandem. This log generation occurs in response to a calling party that disconnects in the time specified by this parameter.

The system generates an E911204 log when:

- an LDT PSAP does not return an on-hook signal to the E911 tandem in the time that this parameter specifies
- the on-hook signal is on response to a calling party that disconnects

### Rules in provisioning

After a disconnect, specify the maximum time period that the E911 tandem waits for a PSAP to return an on-hook signal. Specify the time in seconds.

### Range information

Minimum	Maximum	Default
10	600	16

### Activation

Immediate

### Dependencies

Does not apply



## **E911\_PSAP\_DISCONNECT\_TIME** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply.

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29.

---

## E911\_PSAP\_OFFHK\_ALARM\_TIME

---

### Parameter name

E911 Public Safety Answering Point Off-hook Alarm Time

### Functional description

This parameter replaces E911\_ALARMS\_ACTIVE in BCS34. The E911\_PSAP\_OFFHK\_ALARM\_TIME specifies the length of time an alarm sounds. The alarm sounds when a public safety answering point (PSAP) remains off-hook for a length of time that exceeds the maximum. The office parameter E911\_PSAP\_DISCONNECT\_TIME in Table OFCVAR specifies the maximum time.

### Rules in provisioning

Set the value of this parameter equal to the length of time (in seconds) that the alarm remains active.

Leave the value of this parameter at the default of zero to stop the alarm sound when a PSAP remains off-hook.

### Range information

Minimum	Maximum	Default
0	600	0

### Activation

Immediate

### Dependencies

This parameter works with office parameter E911\_PSAP\_DISCONNECT\_TIME in table OFCVAR.

### Consequences

When the value of this parameter is zero, the system stops the alarm and alerts the user that a PSAP remains off-hook. The system generates an E911204 log. The PSAP position, that remains off-hook, cannot receive calls until the line state is IDLE.

## **E911\_PSAP\_OFFHK\_ALARM\_TIME** (end)

---

### **Verification**

Take a PSAP off-hook for a length of time longer than the E911\_PSAP\_DISCONNECT\_TIME specifies. Measure the length of time that the alarm stays active without manual clearing.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

When you change from software release BCS33 and lower to software release BCS34 and higher, check the value of office parameter E911\_ALARMS\_ACTIVE.

If the value is N (no), E911\_PSAP\_OFFHK\_ALARM\_TIME must be set to 0 (zero).

If E911\_ALARMS\_ACTIVE is Y (yes), set the value of E911\_PSAP\_OFFHK\_ALARM\_TIME to 25.

Copy the current value of this parameter when you perform a dump and restore from software release BCS34 to software release BCS34 or higher.

### **Parameter history**

This parameter was introduced in BCS34.



---

## E911\_WLS911\_CALLID\_DIGS

---

**Parameter name**

E911\_WLS911\_CALLID\_DIGS

**Functional description**

Office parameter E911\_WLS911\_CALLID\_DIGS is in table OFCVAR and is used for the E911 Wireless ALI Interface feature to allow customization of the CALLID digits.

**Provisioning rules**

There are no provisioning rules.

**Range information**

The range information is as follows:

Minimum	Maximum	Default
00	99	11

**Activation**

Immediate on datafill

**Requirements**

None

**Results**

None

**Testing**

None

**Memory requirements**

None

**Dump and restore rules**

Not applicable

**Parameter history****SN07 (DMS)**

Office parameter E911\_WLS911\_CALLID\_DIGS was introduced by CR Q00856825.



---

**EA\_FGD\_MFTOSS7\_CIP**


---

**Parameter name**

Equal Access Feature Group D Multifrequency to Signaling System 7 Carrier Identification Parameter

**Functional description**

Office parameter EA\_FGD\_MFTOSS7\_CIP in table OFCVAR controls the addition of the carrier identification parameter (CIP) in the outgoing Initial Address Message (IAM) for Equal Access (EA) feature group D (FGD) multifrequency (MF) to signaling system 7 (SS7) calls. If this parameter is set to a value of Y, the outgoing IAM does not include the CIP. If this parameter is set to the default value of N, the outgoing IAM does have to include the CIP.

**Rules in provisioning**

Set the value of this parameter to Y (yes) if the IAM for EA FGD MF to SS7 calls does not have to include the CIP.

Leave the value of this parameter at the default of N (no) if the IAM for EA FGD MF to SS7 calls does not have to include the CIP.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If this parameter is set to N, the IAM for EA FGD MF to SS7 calls does not include CIP.

**Verification**

Does not apply

## **EA\_FGD\_MFTOSS7\_CIP** (end)

---

### **Memory requirements**

Does not apply

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **NA004**

This parameter was introduced in NA004.



---

**EA\_TEST\_CALL\_SPILL**


---

**Parameter name**

Equal Access Test Call Spill

**Functional description**

Switching units with equal access traffic between the access tandem and the carrier, trunk group AIC require this parameter.

This parameter specifies the number spilled on a test call and consists of the following digits:

- 2 information digits (95 for test call)
- 3 digits for calling NPA
- 7 digits for calling number

**Rules in provisioning**

Specify the number spilled on a test call. This number can consist of a maximum of 15 digits.

**Range information**

Minimum	Maximum	Default
		950005551212

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**EA\_TEST\_CALL\_SPILL** (end)

---

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

## EADAS\_ENABLED-U.S. ONLY

---

### Parameter name

Engineering and Administrative Data Acquisition System Enabled

### Functional description

The EADAS is an AT&T operational measurement support system (OSS). The EADAS collects operational measurement (OM) data from telephone switching units over serial data links. The EADAS computer submits a poll or request for data over a logical channel. The switching unit responds with the data requested, or a message. The message indicates why the data is not sent.

The operating company uses this parameter as an ON/OFF switch to start and stop this feature. Use this feature where the EADAS software is present but the necessary hardware is not present or does not work. When the transceivers are disabled, the system does not generate logs.

The operating company can use this parameter to change the multiprotocol controller (MPC) or link that the transceivers use. For more information, refer to parameter EADAS\_MPC\_AND\_LINK in Table OFCVAR.

### Rules in provisioning

This parameter must be set to Y (yes) to start the EADAS feature.

This parameter must be set to N (no) to stop the EADAS feature.

This parameter must not be set to Y if the MPC has not been activated.

The system generates EAD101 logs when this parameter is set to Y and Table MPC is empty. The system generates the EAD101 logs at the rate of eight each minute.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

## **EADAS\_ENABLED-U.S. ONLY** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS19**

This parameter was introduced in BCS19.

---

## EADAS\_GENERIC\_ID-U.S. ONLY

---

**Parameter name**

Engineering and Administrative Data Acquisition System Interface Generic Identifier

**Functional description**

A switching unit with the EADAS feature requires this parameter. This parameter specifies the switch generic identification numbers that identify the number of the current DMS-100 switch software release.

These numbers are used in each message header sent to EADAS.

The parameter value has three numeric values in the range of 0 (zero) to 255.

**Rules in provisioning**

The EADAS administration of the operating company must determine the parameter value for each software release. The EADAS administration must also update the parameter to the appropriate value.

The first of the three numeric values is used to determine both the EADAS/DC standard set and the message header compliance.

First value	EADAS/DC standard set	Header compliance
74	DMS-100	Semi-TR compliant
76	DMS-300	TR compliant
78	DMS-500	TR compliant
82	DMS-250	TR compliant

**Range information**

Minimum	Maximum	Default
0 0 0	255 255 255	0 0 0

**Activation**

Immediate

## **EADAS\_GENERIC\_ID-U.S. ONLY** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

This office parameter affects SOC option OAM00007. Before OAM00007 is turned on, EADAS\_GENERIC\_ID must ensure a Semi-TR compliant header by setting the first field value of this parameter to 74.

*Note:* Changing to a Semi-TR compliant value will alter the header by adding a unique CLLI to it.

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **SN07 (DMS)**

CR Q00898953 modified text under Rules In Provisioning.

---

## EADAS\_MPC\_AND\_LINK-U.S. ONLY

---

### Parameter name

Engineering and Administrative Data Acquisition System Multiprotocol Controller And Link

### Functional description

This parameter specifies the multiprotocol controller (MPC) number. This parameter also specifies the link number that the transceivers assigned to the EADAS feature use.

This parameter consists of two numeric fields. These fields are: MPC and LINK. Field MPC can have a value of 0 to 255. Field LINK can have a value of 0 to 3.

You can change this parameter, on site, to allow the change of hardware if error conditions are present. You can also change this parameter to permit initial configuration of the system.

If it is necessary to switch to a spare MPC. The system uses the value of this parameter to show the change to the transceivers.

### Rules in provisioning

The following method changes the value of this parameter:

1. Change the value of parameter EADAS\_ENABLED in Table OFCVAR to N (no).
2. To enter the MAP display level, type

```
>MAPCI;MTC;IOD;IOC i;MPC n;BUSY FORCE
```

and press the Enter key.

*where*

**i**

is the IOC number of the MPC

**n**

is the card of the MPC

3. To change the value of this parameter, type

```
>MAPCI;MTC;IOD;IOC i;MPC n;BSY;RTS
```

and press the Enter key.

**i**

is the IOC number of the MPC

## EADAS\_MPC\_AND\_LINK-U.S. ONLY (end)

---

**n**  
is the card of the MPC

4. Change the value of parameter EADAS\_ENABLED in table OFCVAR to Y (yes).

The default value has field MPC equal to 0 (zero) and field LINK equal to 3.

### Range information

Minimum	Maximum	Default
		0 3

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

### Parameter history

#### BCS19

This parameter was introduced in BCS19.



---

## EADAS\_POPULATE\_HUNT\_SECTIONS

---

### Parameter name

Engineering and Administrative Data Acquisition System Populate Hunt Sections

### Functional description

The EADAS Interface uses this parameter to determine if EADAS OM class 96 gathers and transmits operational measurement (OM) group HUNT data for new groups.

The operating company controls the population of EADAS OM class section 96. The operating company collects OM data for selected hunt groups. The operating company does not collect OM data for established hunt groups. The operating company personnel does not populate EADAS OM class section 96. The personnel enter the CI level EADASKEY command to select the hunt groups.

### Rules in provisioning

The operating company determines if new hunt groups populate EADAS OM class section 96. This class consists of OM group HUNT.

If this parameter is set to Y, the system adds new hunt group records and tuples to EADAS OM class section 96.

If this parameter is set to N, the system does not add new hunt group records and tuples to EADAS OM class section 96.

The default value of this parameter is Y. This default setting allows new hunt groups to populate EADAS OM section 96. The hunt groups populated this section before the creation of this office parameter.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

## **EADAS\_POPULATE\_HUNT\_SECTIONS** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

When the value of this parameter changes, the change does not affect current hunt groups in EADAS OM class section 96. This office parameter affects new hunt groups when EADAS\_POPULATE\_HUNT\_SECTIONS is set to N.

### **Verification**

Use the CI level EADASFMT command to determine if new hunt groups populate EADAS OM class section 96.

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Does not apply

### **Parameter history**

#### **NA004**

This parameter was introduced in NA004.

---

## EADAS\_POPULATE\_SCMP\_SECTIONS

---

**Parameter name**

Engineering and Administrative Data Acquisition System Populate SCMP Sections

**Functional description**

Using office parameter EADAS\_POPULATE\_SCMP\_SECTIONS, the EADAS interface will determine if OM group SCMP data will be automatically accumulated and transmitted for new SCMP lines by EADAS OM class section 221.

**Rules in provisioning**

Customer determines if new scmp lines will populate EADAS OM class section 221, consisting of OM group SCMP.

If EADAS\_POPULATE\_SCMP\_SECTIONS is set to 'Y', then new scmp line records/tuples will be added to EADAS OM class section 221.

If EADAS\_POPULATE\_SCMP\_SECTIONS is set to 'N', then new scmp line records/tuples will not be added to EADAS OM class section 221.

The default value of this parameter is N.

**Range information**

Minimum	Maximum	Default
N	Y	N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

None.

**Verification**

Customers may use CI command EADASFMT to determine if new scmp lines are populated EADAS OM class section 221.

## **EADAS\_POPULATE\_SCMP\_SECTIONS** (end)

---

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Does not apply

### **Parameter history**

#### **CSP18/ISN05**

This parameter was introduced in CSP18/ISN05.

---

## ECHODUMP\_OUTPUT\_FORMAT

---

**Parameter name**

ECHODUMP\_OUTPUT\_FORMAT

**Functional description**

Use the ECHODUMP CI command in conjunction with the ECHOBACK feature to dump the data change notification records. The data change notification records can contain a large amount of data depending on the number of changes that have been made. This office parameter allows the operating company to specify the information that is to be displayed in response to a ECHODUMP CI command.

The data dump may be specified as one of the following:

- ECHODUMP\_OUTPUT\_FORMAT NONE - no output required
- ECHODUMP\_OUTPUT\_FORMAT ALL - dump all information stored in each data change record
- ECHODUMP\_OUTPUT\_FORMAT {see table 1} - dump the information associated with the parameters listed in table 1.

**EHCODUMP\_OUTPUT\_FORMAT PARAMETERS**

Parameter	Output
CLLI	Office CLLI name
SEQ	Sequence number
DTS	Date and time stamp
COM	Command
PCL	PCL name and version
USER	UserID
DEV	Device type and device name
TAB	Table name
DIG	Digilator table (Y/N)
KEY	The key
TUP	The tuple

Example: ECHODUMP\_OUTPUT\_FORMAT {CLLI, SEQ, USER, TAB, TUP}

## ECHODUMP\_OUTPUT\_FORMAT (end)

---

### Provisioning rules

None

### Range information

Minimum	Maximum	Default
		All

### Activation

Immediate

### Dependencies

None

### Consequences

If ECHODUMP\_OUTPUT\_FORMAT NONE is specified, no output will be produced in response to the ECHODUMP CI command.

### Verification

Set parameter to ECHODUMP\_OUTPUT\_FORMAT {CLLI}

Execute the ECHODUMP CI command. Only the office CLLI name will be displayed.

### Memory requirements

This parameter has no memory impact

### Dump and restore rules

This parameter has no dump and restore rules

### Parameter history

#### CSP08

This parameter was introduced in CSP08.

---

## ECORE\_FORMAT

---

**Parameter name**

Enhanced Core Format

**Functional description**

A switching unit with the Enhanced Core (ECORE) feature requires this parameter. This parameter specifies if the log header is expanded to the ECORE format.

In the ECORE format, the log header contains a NODENAME field. The limit of this field is ten characters. These characters are eight NODENAME characters, plus one leading and trailing space. If the NODENAME field is less than eight characters in length, the field blanks are added to fill the eight character field.

The internal format of all logs does not change.

The parameter must be set all offices monitored in a downstream process.

**Rules in provisioning**

For switching units with the ECORE feature, set the value of this parameter to Y (yes).

For switching units that do not have the ECORE feature, leave the value at the default of N (no).

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Refer to the *Log Report Reference Manual* for additional information on these log formats.

**ECORE\_FORMAT** (end)

---

**Consequences**

If the parameter is set to Y (Yes), an extra field (CM) is added to the LOG report when using the STD format in Table LOGDEV. See the example below.

```
CHRLNCRUDS2          CM          CM100 DEC18 09:16:20 6100 SUMM CM REPORT
                      CM 0 DATA FOLLOWS
```

If the parameter is set to Y (Yes) when using the SCC2 format in LOGDEV, an extra line (Log from node CM) is added. See the example below.

```
20 TRK 138 9509 INFO TRMT CKT          CNCRNCXA03T          72
Log from node CM
TREATMENT SET = INAC  CALLED NO =
CALLID= 0A2D 000E
```

If the parameter is set to N (No), the extra field (CM) does not appear in the log report when using the STD format in Table LOGDEV. See the example below.

```
CHRLNCRUDS2          CM100 DEC18 09:16:20 6100 SUMM CM REPORT
                      CM 0 DATA FOLLOWS
```

If the parameter is set to N (No) when using the SCC2 format in LOGDEV, the extra line (Log from node CM) does not appear in the log report. See the example below.

```
20 TRK 138 9509 INFO TRMT CKT          CNCRNCXA03T          72

TREATMENT SET = INAC  CALLED NO =
CALLID= 0A2D 000E
```

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****BCS23**

This parameter was introduced in BCS23.



---

**EMERG\_ANNC**

---

**Parameter name**

Emergency Announcement— EMERG\_ANNC

**Functional description**

This parameter provides the common language location identifier (CLLI) for an emergency call announcement on emergency calls. If the parameter value is Y (yes), a valid CLLI entry from table ANNS must accompany the parameter. If this condition does not occur, the system does not consider this parameter active. Table CLLI must contain the CLLI entry. If the table does not contain the entry, set this parameter to N (no).

**Rules in provisioning**

Leave this parameter at the default value of N if this parameter must remain inactive.

Set this parameter to Y and enter a valid entry (CLLI name) from table ANNS to activate this parameter. A sample value is Y EMERG.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Entries in this parameter must be valid entries present in table ANNS. The user can enter a valid entry in table ANNS against this parameter. If this condition occurs, the system cannot delete the entry from table ANNS unless this parameter value changes.

**Consequences**

Not applicable

**Verification**

Set this parameter to the value Y EMERG. Make sure that free routes are not available and that the call is in a queue. Make the call and verify the

## **EMERG\_ANNC** (end)

---

announcement. Make sure that the system does not identify the calls as emergency calls. Make the call again and verify that the off-hook queue notice is the same as the notice in table NCOS.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **MMP13**

This parameter BTUP\_EMERG\_ANNC is renamed as EMERG\_ANNC.

#### **UK002**

Design activity AE0901 (BT7 Emergency Calls) introduced this parameter in BCS33.

---

**EDTULDFILE**

---

**Parameter name**

Enhanced Digital Test Unit

**Functional description**

This parameter is used to store the default Enhanced Digital Test Unit (EDTU) firmware filename.

A filename option is provided in the LOADFW command to enable the user to specify the filename of the firmware load. When activated, the load-firmware software extracts EDTU firmware from the specified load file. If no filename is given, the default specified by this parameter is used.

**Provisioning rules**

Set the value of this parameter to the eight-character EDTU firmware default filename.

**Range information**

Minimum	Maximum	Default
		NILFNAME

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Datafill the default EDTU load in the table OFCVAR for tuple EDTULDINFO.

**Memory requirements**

No memory impact

**EDTULDFILE** (end)

---

**Dump and restore rules**

Not applicable

**Parameter history**

**CSP04**

This parameter was introduced in CSP04.

---

## ENG640M1\_SCAN\_RATE

---

**Parameter name**

ENG640M1 Scan Rate

**Functional description**

Local or combined local and toll switching units require this parameter. The switching units that require this parameter have the Operational Measurement Data Modification Order Selectable Subscribers Line Usage (SLU) Scan Rate Interval software.

This parameter appears if parameter OPTIONAL\_SLU\_FEATURE in table OFCOPT is set to Y (yes).

**Rules in provisioning**

Specify the scan rate in 10 s intervals for the traffic usage register ENG125M1.

At initial program load time this parameter is set to the default value, which is 10 (100 s).

**Range information**

Minimum	Maximum	Default
1	32767	10

**Activation**

Activation is immediate when the optional SLU scan rate interval software is provided.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**ENG640M1\_SCAN\_RATE** (end)

---

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

## ENHANCED\_TRUNK\_PREROUTE\_ABANDON

---

**Parameter name**

Enhanced Trunk Preroute Abandon

**Functional description**

Local international switching units with universal translations require this parameter. This parameter allows a different pattern of reports to the central control (CC) if trunk preroute abandons occur in the peripheral module (PM).

The PM counts preroute abandons. The PM sends the total to the CC with the next call that completes.

This change allows the CC to report the trunk that causes the preroute abandon.

Trunk preroute abandons occur when a trunk that dials another trunk is stopped before or during the receipt of the digits.

**Rules in provisioning**

If the value of this parameter is Y (yes), the PM sends a message to the CC. The PM sends a message for each trunk preroute abandon. Each message causes the system to generate a log. The CC counts operational measurements (OM).

If the value of this parameter is the default value of N (no), the PM counts the preroute abandons. The PM sends the number of preroute abandons to the CC when the next call completes.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Busy (BSY) and return to service (RTS) the PM.

**Dependencies**

Does not apply

## **ENHANCED\_TRUNK\_PREROUTE\_ABANDON** (end)

---

### **Consequences**

Does not apply

### **Verification**

If the value of this parameter is Y, the PM counts OMs for separate trunk group preroute abandons and general system abandon.

If the value of this parameter is N, the OMs for the general system abandon increase.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS26**

This parameter was introduced in BCS26.



---

## ESG\_ALARM

---

**Parameter name**

Emergency Service Group Alarm

**Functional description**

The office parameter ESG\_ALARM is a Yes/No flag that indicates whether or not the ESG alarm is generated upon termination of a call to an ESG station. ESG\_ALARM is located in office parameter table OFCVAR. The ESG\_ALARM default value is Y.

**Provisioning rules**

Non applicable

**Range information**

The range information is as follows:

Minimum	Maximum	Default
Not applicable	Not applicable	Y

**Activation**

Not applicable

**Requirements**

None.

**Results**

None.

**Testing**

Not applicable.

**Memory requirements**

No memory impact.

**Dump and restore rules**

Not applicable

## **ESG\_ALARM** (end)

---

### **Parameter history**

#### **SN06 (DMS)**

Office parameter ESG\_ALARM was introduced in table OFCVAR by feature A89008399.

---

## ESG\_RERING\_TIME

---

### Parameter name

Emergency Service Group Re-ring

### Functional description

The office parameter ESG\_RERING\_TIME is a value with range of 0-9. It stands for the length of time in seconds that the ESG attendant must remain off hook before re-ringing calling subscriber. The value of zero means that re-ring capability is disabled. The default value of ESG\_RERING\_TIME is 5 seconds. ESG\_RERING\_TIME is located in office parameter table OFCVAR.

### Provisioning rules

Non applicable

### Range information

The range information is as follows:

Minimum	Maximum	Default
0	9	5

### Activation

Non applicable

### Requirements

None.

### Results

None.

### Testing

Non applicable.

### Memory requirements

No memory impact.

### Dump and restore rules

Non applicable

## **ESG\_RERING\_TIME** (end)

---

### **Parameter history**

#### **SN06 (DMS)**

Office parameter ESG\_RERING\_TIME was introduced in table OFCVAR by feature A89008399.

---

## FACALARM

---

**Parameter name**

Facility Check Failure Alarm (FACALARM)

**Functional description**

This parameter is the facility check failure flag. The system maintains three threshold levels are for the failure type. The threshold levels are minor, major and critical.

An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the ALMSTAT command at the LTP MAP level.

**Rules in provisioning**

Set the values of this parameter to represent the facility check failure alarm thresholds. For example, the default value of 10 20 30 represents the following alarm thresholds:

- a minor alarm threshold of 10 failures
- a major alarm threshold of 20 failures
- a critical alarm threshold of 30 failures

**Range information**

Minimum	Maximum	Default
0	32767	10 20 30

**Activation**

Use the ALMSTAT command at the LTP MAP level to change this parameter. The ALMSTAT changes the value, all current alarms update to reflect the failures with the new values. Changes to the parameter value at ALMSTAT update all current albums to reflect failures that occur with the new values.

**Dependencies**

Does not apply

## **FACALARM** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

**FGD\_ANI\_SMDR\_REQD**

---

**Parameter name**

Feature Group D Automatic Number Identification Station Message Detail Recording Required

**Functional description**

An MSL-100 with the stand-alone feature group D (FGD) software or a DMS-100 with virtual access to private networks (VAPN) software requires this parameter.

The FGD defines a set of connection rules between local exchange carrier (LEC) access facilities and long distance (LD) carriers. The FGD treats all LD carriers the same.

The FGD is available only for incoming trunks (trunk group type IBNTI and IBNT2) to the MSL-100 and DMS-100. The stand-alone FGD and VAPN software packages do not support FGD signaling on outgoing trunks.

This parameter allows the operating company to have an additional Station Message Detail Recording (SMDR) system record produced for each incoming stand-alone FGD. The operating company can also have an additional SMDR record produced for each VAPN call that includes ANI digits. The system can produce the additional SMDR record if table TRKGRP must be Y (yes) for the trunk group that receives the calls.

The system produces an extra record when:

- SMDR is enabled for the call
- the user sets ANIDIGS (in table TRKGRP) to Y (yes) for the trunk group that receives the calls

**Rules in provisioning**

To produce an additional SMDR record for all incoming stand-alone FGD and VAPN calls, set this parameter value to Y (yes).

If the value of this parameter is the default of N (no), the system does not produce an additional SMDR record.

## FGD\_ANI\_SMDR\_REQD (end)

---

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

This parameter only applies to the switching units with the stand-alone FGD or VAPN capability.

### Consequences

Does not apply

### Verification

To verify that this parameter is active, check that the system produces an additional SMDR record for all incoming FGD calls.

### Memory requirements

Does not apply

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

### Parameter history

#### BCS26

This parameter was introduced in BCS26.



---

## FGD\_TEST\_CALL\_ACK\_OFFHOOK

---

**Parameter name**

Feature Group D Test Call Acknowledgement Offhook

**Functional description**

Two protocols are in use for Feature Group D test calls that originate from Bell operating company (BOC) Equal Access End Offices (EAEO) and terminate to carriers. One protocol specifies when the system sends an offhook signal by the carrier. The carrier sends this signal to the BOC after receipt of the test call digit stream. The other protocol specifies when the system sends an acknowledgement wink by the carrier. The carrier sends this acknowledgement wink to the BOC after receipt of the test call digit stream.

This office parameter allows the carrier to select the signal to send to acknowledge receipt of the test call digit stream.

When this parameter is set to a value of Y (yes), the carrier sends an offhook signal to the BOC. When this parameter is set to N (no), the carrier sends an acknowledgement wink to the BOC.

**Rules in Provisioning**

Set the parameter value to Y, to send an offhook signal to acknowledge receipt of a test call digit stream.

Leave the value of this parameter at the default of N, to send an acknowledgement wink.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

## **FGD\_TEST\_CALL\_ACK\_OFFHOOK (end)**

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact on memory.

### **Dump and restore rules**

Copy the value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS31**

This parameter was introduced in BCS31.

---

## FIXED\_CFBD\_DEFAULT\_STATE

---

### Parameter name

Fixed CFBD default state.

### Functional description

This parameter controls the default value of Call Forward Do Not Answer (CFDA) and Call Forward Busy Line (CFBL) states. This parameter controls the default value of the CFDA and CFBL when the value of field CFDACNTL or CFBLCNTL is F (fixed). This parameter also contains the default value of CFDA and CFBL when the value of field CFDACNTL or CFBLCNTL changes from N (normal) to F.

The NTX413AB IBN Enhanced Call Forward package allows end users to modify the CFDA and CFBL states and the forwarded-to directory number (DN). The Service Order System (SERVORD) prompts the user for fields CFDACNTL and CFBLCNTL. The SERVORD prompts the user when the office parameter RES\_SO\_SIMPLIFICATION subfield ENHANCED\_POTS\_OPTIONS in table OFCVAR is Y.

Fields CFDACNTL and CFBLCNTL can have the following values:

- N - Normal assignment. This value is the default value. This value is always active. The end user cannot control the call forward state or the forwarded DN.
- F - Fixed assignment. The end user can change the call forward state only.
- C - Programmed assignment. The end user can change the call forward state and the forwarded DN.

### Rules in provisioning

Patch FPA48 activates the options CFDA and CFBL. Patch 48 activates these options when CFDA and CFBL are on a RES line. Options CFDA and CFBL are present on a RES line where the user changes the contrast of field from N to F. The default value of this office parameter depends on the state of patch FPA48. If patch FPA48 is active on the dump side, set this office parameter to ACT. If patch FPA48 was not active on the dump side, the default is INACT.

### Range information

Minimum	Maximum	Default
NA	NA	INACT

## **FIXED\_CFBD\_DEFAULT\_STATE** (end)

---

### **Activation**

Immediate

### **Dependencies**

The value of office parameter FIXED\_CFBD\_DEFAULT\_STATE can affect table CFX (Call forwarding). This office parameter affects table CFX when the value of CFD is the same as the value of office parameter FIXED\_CFBD\_DEFAULT\_STATE.

Set the office parameter RES\_SO\_SIMPLIFICATION subfield ENHANCED\_POTS\_OPTIONS to Y to display the CFDACNTL or CFBLCNTL prompts.

### **Consequences**

Does not apply

### **Verification**

Verify that table OFCVAR contains this parameter.

### **Memory requirements**

Does not apply

### **Dump and restore rules**

Does not apply

### **Parameter history**

#### **NA002**

This parameter was introduced in NA002.

---

**FOT\_DIGITS**


---

**Parameter name**

Forward Transfer Digits

**Functional description**

This parameter specifies the route a call takes after a forward transfer signal. This parameter specifies the route of the call when the value of parameter ROUTE\_ON\_FOT in table OFCENG is Y (yes). This parameter applies to DMS-300 gateway switching units.

**Rules in provisioning**

Specify one to four digits (zero to nine) that drive the current call back through translations. The outgoing route is the same route that the digits take when received from the preceding exchange on the trunk circuit.

The parameter can accept inputs #B or #C.

Use this feature is to re-route to an International Traffic Operator Position System (ITOPS) position. This input #B is the international code (code-11) to access incoming operators.

The input #B is the default.

If the value of parameter ROUTE\_ON\_FOT is N (no), this parameter does not affect the route of the call.

**Range information**

Minimum	Maximum	Default
		#B

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **FOT\_DIGITS** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 20 words of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS29.

---

## GEN\_CDR300\_ISDN\_LOGS

---

**Parameter name**

Generate CDR300 Integrated Services Digital Network Logs

**Functional description**

An ISDN DMS-300 Gateway switch requires this parameter. The switch uses this parameter to produce new call detail records (CDRs) as required for the accounting statistics processing system (ASPS).

This parameter specifies if the system generates a CDR300 ISDN standard call record log when a CDR300 ISDN call record is output. This parameter specifies if the system generates logs when extension records are output.

**Rules in provisioning**

Set the value of this parameter to Y (yes), if the system must generate a log. The system outputs the log when the system generates a CDR300 ISDN call record or an extension record. Set the value to N (no), if the logs are not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

## **GEN\_CDR300\_ISDN\_LOGS** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS31**

This parameter was introduced in BCS31.



---

## GEN\_CDR300\_MIDNT\_LOGS

---

**Parameter name**

Generate CDR300 Midnight Logs

**Functional description**

This parameter specifies if the system generates a log when a call detail record (CDR) midnight audit end record is output. The CDR midnight audit end record is output on the CDR stream in a DMS-300 switch. The system can generate this log only when the user selects format 1A in office parameter GATEWAY\_CDR\_RECORD\_ID in table OFCOPT.

**Rules in provisioning**

Set the value of this parameter to Y (yes) for the system to generate a log when a CDR midnight audit end record is output.

Set the value of this parameter to N (no), if the user does not require this function.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

## **GEN\_CDR300\_MIDNT\_LOGS** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## GEN\_CDR300\_SYNC\_LOGS

---

**Parameter name**

Generate CDR300 Synchronization Logs

**Functional description**

This parameter specifies if the system generates a log when the system outputs a Call Detail Record (CDR) synchronization record. The system generates the CDR synchronization record on the CDR stream in a DMS-300 switch. The system can only generate this log when the user selects CDR format 1A in office parameter GATEWAY\_CDR\_RECORD\_ID in table OFCOPT.

**Rules in provisioning**

Set the value of this parameter to Y (yes) to allow the system to generate this log. The system generates this log when the system outputs a CDR synchronization record on the CDR stream.

Set the value of this parameter to N (no) if this functionality is not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If the user does not activate this parameter, the system does not generate a log for the synchronization record.

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 1 word of memory.

## **GEN\_CDR300\_SYNC\_LOGS** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## GENERATE\_CALL\_RECORDING\_LOGS

---

**Parameter name**

Generate Call Recording Logs

**Functional description**

International local switching unit with the Toll Call Recording (TCR) feature require this parameter. This parameter specifies if the system generates a log message when the system creates an automatic message accounting (AMA) record for transfer recent change (TRC).

**Rules in provisioning**

If the value of this parameter is the default value of N (no). The system does not generate a log message every time the system creates an AMA record for TRC.

If the value of this parameter is Y (yes). The system generates a log message. This system generates the message for a toll calls and sends the call record to AMA. Use this message for testing purposes. This message displays the contents of the toll call record in a readable format.

For a description of TRC, refer to parameter INTL\_TCR\_REQUESTED in table OFCVAR.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **GENERATE\_CALL\_RECORDING\_LOGS** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS20**

This parameter was introduced in BCS20.

---

## GENERATE\_ICAMA\_LOG\_ENTRY

---

### Parameter name

Generate International Centralized Automatic Message Accounting Log Entry

### Functional description

A toll switching unit (international) with common translations and either one or both of the following:

- International Centralized Automatic Message Accounting (ICAMA)
- the Inter-administration Accounting (IAA) feature

### Rules in provisioning

If the user sets the value of this parameter to Y (yes), the system generates log message ICAMA LOG ENTRY. The system generates the log each time the system creates an ICAMA record.

This log is for testing purposes. The contents of the ICAMA call entry record appear in this log in a readable format.

If the user leaves the value of the parameter at the default of N (no), the system generates no ICAMA LOG ENTRY logs.

Refer to parameters ICAMA\_REQUESTED and IAA\_REQUESTED in table OFCVAR for other parameters and tables associated with the preceding features.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

To activate the preceding features, set either one or both of the following parameters to Y:

- ICAMA\_REQUESTED
- IAA\_REQUESTED

## **GENERATE\_ICAMA\_LOG\_ENTRY** (end)

---

Table OFCVAR contains these parameters.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS23**

This parameter was introduced in BCS23.



---

## GENERATE\_ITOPS\_LOG\_ENTRY

---

**Parameter name**

Generate International Traffic Operator Position System Log Entry

**Functional description**

The operating company requires this parameter for a toll switching unit (international) that contains the following:

- universal translations
- the International call details record feature for the International Traffic Operator Position System (ITOPS)

This parameter specifies if the system generates an ITOPS log entry record when an ITOPS record is created.

The user must increase parameter NUM\_CALLREC\_STREAMS in table OFCENG. Increasing the parameter allows the user to add the new stream format ITOPS.

**Rules in provisioning**

Set the value of this parameter to N (no), if the user does not require the system to generate an ITOPS log entry record. The system normally generates this log when an ITOPS record is created.

Set the value of this parameter to Y (yes), if the system must generate an ITOPS log entry record when an ITOPS record is created.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

This feature requires the user to enter stream ITOPS in tables CRSMAP, CRSFMT, DIRPPool and DIRPSSYS.

## **GENERATE\_ITOPS\_LOG\_ENTRY** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS25**

This parameter was introduced in BCS25.

---

## GENERATE\_TRKT\_LOGS

---

### Parameter name

Generate TRKT Logs

### Functional description

The parameter is used to determine if TRKT logs will be used instead of TRK138 logs for the following trunk treatments:

- TRKT200 ADBFANI Database Failure
- TRKT201 ANIAANI Account Status Not Allowed
- TRKT202 AARDANI Acct Recently Disallowed
- TRKT203 CCNV Calling Card Invalid
- TRKT204 CCTO Calling Card Time-out
- TRKT205 GNCT General No Circuit
- TRKT206 RODR Reorder
- TRKT207 RSDT Restricted Date Time
- TRKT208 SORD Storage Overflow Reorder
- TRKT209 SSTO Start Signal Time-out
- TRKT210 VACS Vacant Speed Number
- TRKT211 VACT Vacant Code
- TRKT212 VCCT Vacant Country Code
- TRKT213 TRGB Trigger Block
- TRKT214 PSNF PSN Fail

### Provisioning rules

None

### Range information

The range information is as follows:

Minimum	Maximum	Default
		Y

### Activation

Immediate

## Requirements

None

## Results

Not applicable

## Testing

Not applicable

## Memory requirements

Not applicable

## Dump and restore rules

When upgrading from a DMS-100/200 office to Succession, GENERATE\_TRKT\_LOGS will automatically be set to N. When upgrading from a DMS-250 office to Succession, GENERATE\_TRKT\_LOGS will automatically be set to Y. If patch VOA03 is active on the dump side prior to an ONP to SN04, then the GENERATE\_TRKT\_LOGS parameter will be set to N.

## Parameter history

### NA017

The GENERATE\_TRKT\_LOGS was introduced by feature 59034867.

---

## HPC\_EGRESS\_QUEUING

---

### Parameter name

HPC Egress Queuing

### Functional description

Office parameter HPC\_EGRESS\_QUEUING is used to enable or disable HPCTQ to all supported egress trunk groups in an office. Through this parameter, an operating company can also set the following values:

- the maximum time an HPC call can wait in an egress trunk group queue for an available trunk
- the maximum number of calls that can simultaneously queue in an egress trunk group queue
- the announcement or tone, if required, to be provided on calls that are queued to an egress trunk group

### Provisioning rules

The values provided for HPC\_EGRESS\_QUEUING are at the discretion of the operating company.

When an HPC call coming from an ISUP trunk is queued to an egress trunk and no treatment is provided (Treatment = NONE), a race condition can occur between the *Tiam* value and the Timeout value. The *Tiam* is a timer that starts when an Initial Address Message (IAM) is sent to initiate call setup for a call carried through an ISUP trunk between two switches. If the Timeout value is higher than the *Tiam* value, which is between 20 and 30 seconds with a default of 25 seconds, the queued HPC call is taken down.

When a treatment is provided (Treatment = Tone or ANNC), no race condition occurs.

### Range information

(Sheet 1 of 2)

Field name	Value	Default
Enabled	Y or N	N
Timeout	1 to 90	
MaxCalls	1 to 256	

**HPC\_EGRESS\_QUEUING** (end)

---

(Sheet 2 of 2)

Field name	Value	Default
Treatment	NONE, TONE, or ANNC	
Annc	CLLI code for announcement	

**Activation**

No action is required to activate the changes to office parameter HPC\_EGRESS\_QUEUING. Changes to the values of this office parameter are handled as follows:

- When the MaxCalls value is changed, any HPC calls that are already queued to an egress trunk group remain in the queue even if the number of queued calls exceeds the new value.
- When the Timeout value is changed, any HPC calls that are already queued to an egress trunk group remain in the queue for the duration of the old Timeout value.
- Disabling the GETS HPC Egress Queuing feature has no effect on HPC calls already queued to egress trunk groups.

**Requirements**

Not applicable

**Results**

Not applicable

**Testing**

Not applicable

**Memory requirements**

None

**Dump and restore rules**

None

**Parameter history****NA012**

Parameter HPC\_EGRESS\_QUEUING was introduced.

---

## IAA\_REQUESTED

---

### Parameter name

Inter-administration Accounting Requested

### Functional description

An international toll switching unit that has universal translations requires this parameter. The parameter specifies when Inter-administration Accounting (IAA) applies to trunk groups of trunk group type MTR. These trunk groups have the IAA field in table TRKGRP set to Y (yes).

The IAA feature allows the customer to record international toll transit and toll completing call details. The IAA feature uses International Centralized Automatic Message Accounting (ICAMA) to record the call details.

The system sends records for IAA and for ICAMA to the same output stream. The ICAMA stream is an example of an output stream. The system treats the IAA as an extension of ICAMA. The IAA uses the same data collection procedures and formatter as ICAMA.

### Rules in provisioning

If the user sets the value of the parameter to Y (yes), the system only records calls over trunks with trunk group type MTR.

If the user sets the parameter to the default value of N (no), the system does not generate IAA records.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

The IAA uses the same office parameters as ICAMA to perform the following tasks:

- control recording units
- record calls that are not answered

## IAA\_REQUESTED (continued)

---

- generate a log of the call record
- describe recommended action when recording unit allocation fails

Use office parameter NUM\_ICAMA\_RECORDING\_UNITS, in table OFCENG, to control the number of recording units available.

If the system cannot allocate a recording unit, office parameter INTL\_RU\_OVFL\_ACTION, in table OFCVAR, determines if calls can go through. When this event occurs, the system generates log ICAMA LOG ENTRY. The system does not generate IAA records in this condition.

If a call fails before the appropriate time, the system generates an IAA record. Integrity failure and force release cause a call to fail before the appropriate time. The IAA record for the call extends to the point of the failure. The second digit of the CALL INFO field is set to a value of 2 to indicate this failure. Administrations determine when to bill the call under these conditions. The system records the correct call duration and does not set the value to zero.

Use the office parameter RECORD\_UNANSWERED\_CALLS, in table OFCVAR, to determine if the system generated IAA records. The system can generate the IAA records for calls that were not answered.

The user does not require office parameter ICAMA\_REQUESTED, in table OFCVAR, for IAA. This parameter only controls the switching ON/OFF of ICAMA.

The ICAMA logs for recording unit allocation failure and for the call record apply to IAA, AMAB160 and AMAB161 logs.

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.



---

**IAA\_REQUESTED** (end)

---

**Parameter history**

**BCS24**

This parameter was introduced in BCS24.

## ICAMA\_ANI\_FAILURE\_ACTION

---

### Parameter name

International Centralized Automatic Message Accounting Automatic Number Identification Failure Action

### Functional description

An international toll switching unit requires this parameter. The switching unit contains universal translations and either one or both of the following:

- International Centralized Automatic Message Accounting (ICAMA)
- the Inter-administration Accounting (IAA) feature

### Rules in provisioning

If the user sets the value of this parameter to NCONT, the system routes an ANI failure of an ICAMA call to reorder (RODR) treatment. The system routes the failure to the correct treatment table.

If the user sets this parameter to the default value of CONT, an ICAMA call can continue after ANI failure. The system cannot bill for the call.

### Range information

Minimum	Maximum	Default
		CONT

### Activation

Immediate

### Dependencies

To activate the above features, you must set parameter ICAMA\_REQUESTED and/or IAA\_REQUESTED in table OFCVAR to Y (yes).

Refer to parameters ICAMA\_REQUESTED and IAA\_REQUESTED in table OFCVAR for other parameters and tables associated with the preceding features.

### Consequences

Does not apply

---

## ICAMA\_ANI\_FAILURE\_ACTION (end)

---

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

### Parameter history

This parameter was introduced in BCS23.

## ICAMA\_REQUESTED

---

### Parameter name

International Centralized Automatic Message Accounting Requested

### Functional description

An international toll switching unit that has universal translations and the International Centralized Automatic Message Accounting (ICAMA) feature requires this parameter.

### Rules in provisioning

If the user sets the value of this parameter to Y (yes), the system enables the ICAMA feature.

If the user sets the value of this parameter to the default value of N (no), the system disables the ICAMA feature.

The ICAMA system records details of international calls that originate on ANI trunks. These calls use the device independent recording package (DIRP) to output the records to permanent storage, tape or disk.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

This feature requires the following parameters:

- GENERATE\_ICAMA\_LOG\_ENTRY in table OFCVAR
- ICAMA\_ANI\_FAILURE\_ACTION in table OFCVAR
- INTL\_RU\_OVFL\_ACTION in table OFCVAR
- RECORD\_UNANSWERED\_CALLS in table OFCVAR
- NUM\_ICAMA\_RECORDING\_UNITS in table OFCENG
- NUM\_CALLREC\_STREAMS in table OFCENG

---

**ICAMA\_REQUESTED** (end)

---

This feature affects the following tables:

- CRSFMT
- CRSMAP
- DIRPPPOOL
- DIRPSYS

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS23.

## ICT\_DN\_CHECK

---

### Parameter name

International Call Transfer Directory Number Check

### Functional description

An international switching unit that has universal translations and the International Call Transfer (ICT) feature requires this parameter.

ICT allows a subscriber to transfer a call to another subscriber. To transfer the call, the subscriber flashes the switch hook and dials the other party. After R4, the two other parties connect together and the system releases the first caller from the call.

This parameter specifies a 1 to 8 character name. The system uses this name to index table FTCODE each time a subscriber attempts call transfer. Administration can use this name to restrict the transfer of calls based on the target number (TN). If the system detects an instance for the TN, the system denies the transfer.

If the user attempts an R4 transfer with a TN that routes to TRMT, the ICT fails. The attempt to transfer results in NACK (negative acknowledgement) treatment to the controller.

The R code (R4) to initiate a call transfer is 4.

### Rules in provisioning

If the switching unit has the ICT feature, enter the 1 to 8 character name used as an index in table FTCODE. Table FTCODE can define transfer routing restrictions.

For a switching unit that does not have the ICT feature, leave the value of this parameter at the default value.

### Range information

Minimum	Maximum	Default
		NIL

### Activation

Warm restart

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS26**

This parameter was introduced in BCS26.

## IGNORE\_REGION\_THRESH

---

### Parameter name

Ignore Region Threshold

### Functional description

The system uses this parameter to specify the frames received in the region, outside MV (R) to MV (R) + MW + MX - 1. The system ignores these frames before the multilink reset procedures starts.

### Rules in provisioning

Specify the frames received in the region, outside MV (R) to MV (R) + MW + MX - 1. The system ignores these frames before the multilink reset procedures start.

If you do not require this function, set the value of this parameter to 0.

### Range information

Minimum	Maximum	Default
0	4096	10

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.



---

**IGNORE\_REGION\_THRESH** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## IMAJALARM

---

### Parameter name

Incoming Message Major Alarm

### Functional description

This parameter is the major incoming message overload (ICMO) diagnostic failure flag.

When a line has too many keyhits in a specified time period, the line has a major ICMO condition. For an intelligent line, the system uses two time periods to determine an ICMO condition. On this type of line, the system considers 15 on/off's in a 1 s period to indicate a major ICMO. The system also considers 50 on/off's in a 5 s period to indicate a major ICMO condition. An intelligent line is a business or data set line.

For other types of lines, different time periods apply to determine an ICMO condition. These lines have a major ICMO condition when the system detects 135 on/off's in a 1 s period. When the system detects 100 on/off's in a 3 s period, the line has an ICMO condition.

When the time interval is greater than 1 s, the system only counts the first 40 on/off's per second.

A counter and three threshold levels (minor, major, and critical) are maintained for the failure type.

An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the ALMSTAT command at the LTP.

### Rules in provisioning

Set the values of this parameter to represent the ICMO failure alarm thresholds. For example, the default value of 100 150 200 represents three different failures. A value of 100 represents a minor alarm threshold of 100 minor failures. A value of 150 represents a major alarm threshold of 150 failures. A value of 200 represents a critical alarm threshold of 200 failures.

---

**IMAJALARM** (end)

---

**Range information**

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

**Activation**

Use the ALMSTAT command at the LTP MAP Level to change this parameter. When you use the ALMSTAT command to change the value, the system updates all current alarms to reflect the failures with the new values.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires one word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## IMINALARM

---

### Parameter name

Incoming Message Minor Alarm

### Functional description

This parameter sets maintenance alarm thresholds for the minor incoming message overload (ICMO) diagnostic failure flag. The system maintains a counter and three threshold levels for the failure type. The three threshold levels are minor, major, and critical. An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the ALMSTAT command at the LTP MAP level.

### Rules in provisioning

Set the values of this parameter to represent the incoming message overload alarm threshold values.

Northern Telecom recommends that this parameter remain set at the default value of 100 150 200. A value of 100 represents a minor alarm threshold of 100 failures. A value of 150 represents a major alarm threshold of 150 failures. A value of 200 represents a critical alarm threshold of 200 failures.

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

### Activation

Use the ALMSTAT command at the LTP MAP level to change this parameter. This action causes the system to update all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

### Consequences

Does not apply

**IMINALARM** (end)

---

**Verification**

Does not apply

**Memory requirements**

This parameter requires one word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS19.

## INHIBIT\_AUTO\_CONGESTION\_CNTL

---

### Parameter name

Inhibit Auto Congestion Control

### Functional description

This parameter blocks the sending of the ISDN User Part Release Message (ISUP REL message) Automatic Congestion Level (ACL) parameter to every office. A congested office uses this parameter.

### Rules in provisioning

There are no rules in provisioning.

### Range information

Minimum	Maximum	Default
		N

### Activation

The change can operate when the system downloads the affected peripherals.

### Dependencies

Does not apply

### Consequences

Set this parameter to Y to block the sending of the ACL parameter and to turn the ACC feature off.

### Verification

Does not apply

### Memory requirements

This parameter requires a boolean memory location.

### Dump and restore rules

Does not apply

### Parameter history

This parameter was introduced in NA008.

---

## INTL\_ICR\_REQUESTED

---

**Parameter name**

International Call Recording Requested

**Functional description**

An international local switching unit with the International Call Recording (ICR) feature requires this parameter. This parameter specifies if the system applies ICR to every line in the switching unit.

The ICR is the process that records information about all call of the following type. These calls are chargeable, direct dialed, long distance toll calls for selected lines that originate on the DMS-100 international switch. These calls can be within a country or international.

The ICR feature requires the metering, Automatic Message Accounting (AMA), and Device-Independent Recording Package (DIRP) subsystems.

**Rules in provisioning**

When this parameter value is the default of N (no), the ICR does not apply to every line in the switching unit. To assign the feature to a line, the user can designate a line option. The user must designate the line option ICR in Table LENLINES to the correct line.

When the value of this parameter is Y (yes), the ICR applies to every line in the switching unit. You do not have to assign the line option ICR in table LENLINES for each line.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Refer to parameter RECORD\_UNANSWERED\_CALLS in Table OFCVAR for the recording of all calls that are not answered and not charged.

## **INTL\_ICR\_REQUESTED** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS20.



---

## INTL\_RU\_OVFL\_ACTION

---

**Parameter name**

International Recording Unit Overflow Action

**Functional description**

A toll switching unit (international) with universal translations requires this parameter. The toll switching unit also has one or both of the International Centralized Automatic Message Accounting (ICAMA) or the Inter-administration Accounting (IAA) feature.

**Rules in provisioning**

When this parameter value is set to NCONT and there are no ICAMA available, the following event occurs. The system routes an ICAMA call to No Software Resource (NOSR) treatment in the correct treatment table.

The default value of this parameter, CONT, allows an ICAMA call to continue when there are no ICAMA recording units available. In this event, the system generates log ICAMA\_RU\_OVFL\_LOG does not generate ICAMA records.

**Range information**

Minimum	Maximum	Default
		CONT

**Activation**

Immediate

**Dependencies**

To activate the above features, set parameter ICAMA\_REQUESTED and/or IAA\_REQUESTED in Table OFCVAR to Y (yes).

Refer to parameter NUM\_ICAMA\_RECORDING\_UNITS in Table OFCENG for the assignment of ICAMA recording units.

Refer to parameters ICAMA\_REQUESTED and IAA\_REQUESTED in Table OFCVAR for other parameters and tables associated with the previous features.

## **INTL\_RU\_OVFL\_ACTION** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS23.

---

## INTL\_SILENT\_SWITCHMAN\_TMO

---

**Parameter name**

International Silent Switchman Timeout

**Functional description**

A local (international) switching unit with universal translations requires this parameter.

The Silent Switchman (SSM) feature uses this parameter. This parameter specifies the period of time, in 1 s intervals, that the system disconnects the subscriber loop at the switching unit. This action occurs when a user dials the SSM access code.

The default value is 2 min. This value is an acceptable period of cutoff. This period makes the feature immediately available. The administration does not have to set the period.

Any of the universal translation code tables (PXCODE, CTCODE, FACODE, OFCCODE, or ACCODE) can define the access code for this feature.

**Rules in provisioning**

When the SSM timeout requires more or less than 2 min, enter the time required in 1 s intervals.

**Range information**

Minimum	Maximum	Default
0	255	120

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **INTL\_SILENT\_SWITCHMAN\_TMO** (end)

---

### **Verification**

Dial the SSM access code and verify that timeout occurs after the specified time for this parameter.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS25.

---

## ISDN\_LOSS\_OF\_SIG\_DGASP\_ALARM

---

**Parameter name**

Integrated System Digital Network Loss Of Signal Dying Gasp Alarm

**Functional description**

This parameter controls the reporting of layer 1 loss of signal with dying gasp. This parameter uses two binary - one quaternary (2B1Q) loops for each office.

**Rules in provisioning**

Set this parameter to control the generation of LINE145 logs for each office. The LINE145 logs are loss of signal with dying gasp logs.

Set the value of this parameter to ON to allow the system to generate LINE145 logs.

Set the value of this parameter to OFF so that the system does not generate LINE145 logs.

**Range information**

Minimum	Maximum	Default
		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Disconnect the NT1 power supply to initiate a dying gasp loss of signal on a 2B1Q loop. Verify that the system generates or does not generate a LINE145 log as applicable. To do this disconnect the U-loop.

**Memory requirements**

This office parameter does not impact memory.

## **ISDN\_LOSS\_OF\_SIG\_DGASP\_ALARM** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## ISDN\_LOSS\_OF\_SIG\_NO\_DGASP\_ALARM

---

**Parameter name**

Integrated Systems Digital Network Loss Of Signal No Dying Gasp Alarm

**Functional description**

This parameter controls layer1 loss of signal that do not have dying gasp reports. This parameter uses two binary - one quaternary (2B1Q) loops for each office.

**Rules in provisioning**

Set the value of this parameter to control the reporting of LINE145 loss of signal without dying gasp logs for each office.

Set the value of this parameter to ON to allow the system to generate LINE145 logs.

Set the value of this parameter to OFF so that the system does not generate LINE145 logs.

**Range information**

Minimum	Maximum	Default
		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

This parameter affects the reports of signal for alternate mark inversion (AMI) U-loop technology.

**Verification**

Verify that this parameter is operational. Initiate a Loss of Signal on a 2B1Q loop. Verify that the system generates or does not generate LINE145 logs. Disconnect the U-loop to perform this verification.

## **ISDN\_LOSS\_OF\_SIG\_NO\_DGASP\_ALARM** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.



---

## ISDN\_LOSS\_OF\_SYNC\_WORD\_ALARM

---

**Parameter name**

Integrated Services Digital Network Loss Of Synchronization Word Alarm

**Functional description**

This parameter controls reports of layer 1 loss of synchronization word (LOSW) events. This parameter uses two binary - one quaternary (2B1Q) loops for each office.

**Rules in provisioning**

Set the value of this parameter to control reports of LOSW office-by-office.

When this parameter is set to a value of ON, the system generates LINE145 logs with the text Loss of SYNC. Word. The generation of this log indicates a layer 1 LOSW condition.

When this parameter is set to a value of OFF, the system does not generate LINE145 logs.

**Range information**

Minimum	Maximum	Default
		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

This parameter controls reports of LOSW alarms from 2B1Q loops. This parameter can be set to a value of OFF. When this event occurs, the operating company does not see LINE145 LOSW logs for any lines in the office. The operating company does not see logs when this Layer1 event occurs on any 2B1Q loop in the office. To verify this parameter is operational, initiate an

## **ISDN\_LOSS\_OF\_SYNC\_WORD\_ALARM** (end)

---

LOSW event on any 2B1Q loop in the office. Verify that the system generates logs when the parameter is set to a value of ON.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## ISDN\_MPLU\_NODE\_FAILURE\_ALARM

---

**Parameter name**

ISDN MPLU Node Failure Alarm

**Functional description**

This parameter controls reports of Layer 1 mp-eoc line unit node failures for each office. When the parameter is set to OFF, the system does not generate Line 145 logs in the office. This event occurs when an mp-eoc line unit has an internal failure (node failure).

**Rules in provisioning****Range information**

Minimum	Maximum	Default
ON, OFF		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Does not apply

## **ISDN\_MPLU\_NODE\_FAILURE\_ALARM** (end)

---

### **Parameter history**

The ISDN\_MPLU\_NODE\_FAILURE\_ALARM parameter was introduced in NA008.

---

## ISDN\_NT1\_TEST\_MODE\_ALARM

---

**Parameter name**

Integrated Systems Digital Network NT1 Test Mode Alarm

**Functional description**

This parameter controls the reports of network termination 1 (NT1) test mode alarm logs by two binary - one quaternary (2B1Q) loops for each office.

**Rules in provisioning**

Set the value of this parameter as required to control the generation of LINE147 NT1 test mode alarm logs.

Set the parameter value to ON to activate the generation of LINE147 NT1 test mode alarm logs.

Set the parameter value to OFF so that the system cannot generate these logs.

**Range information**

Minimum	Maximum	Default
		OFF

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Enable NT1 test mode. Verify that the LINE147 logs are printed or not printed as appropriate.

**Memory requirements**

This parameter does not impact memory.

## **ISDN\_NT1\_TEST\_MODE\_ALARM** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## ISDN\_PERFORMANCE\_MON\_ALARM

---

**Parameter name**

Integrated Services Digital Network Performance Monitoring Alarm

**Functional description**

This parameter controls reports of performance monitoring LINE131 logs for each office. This parameter affects integrated services digital network (ISDN) line types on the ISDN line concentrating module (LCMI), and the Enhanced ISDN line concentrating module (LCME) as follows:

- two binary - one quaternary (2B1Q)
- alternate mark inversion (AMI-U)
- S/T
- optical

**Rules in provisioning**

To control the generation of performance monitoring LINE131 logs for each office, set the value of this parameter as required.

To activate the generation of performance monitoring LINE131 logs, set the value of this parameter to ON.

To deactivate these logs, set the value of this parameter to OFF.

**Range information**

Minimum	Maximum	Default
		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **ISDN\_PERFORMANCE\_MON\_ALARM** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.



---

## ISDN\_T\_SYNC\_LOST\_ALARM

---

**Parameter name**

Integrated Services Digital Network T-SYNC Lost Alarm.

**Functional description**

This parameter controls reports of the T-SYNC by two binary - one quaternary (2B1Q) and S/T loops for each office.

**Rules in provisioning**

To control the reports of T-SYNC LINE146 alarm logs for each office, set the value of this parameter.

To deactivate T-SYNC LINE146 alarm logs, set the parameter value to ON.

To deactivate the generation of these alarm logs, set the parameter value to OFF.

**Range information**

Minimum	Maximum	Default
		ON

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Disconnect the last set on the T-interface of the loop. Verify if the system generates the logs as appropriate.

**Memory requirements**

This parameter does not impact memory.

## **ISDN\_T\_SYNC\_LOST\_ALARM** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## ISDNBRI\_PRIVACY\_CHANGE\_ALLOWED

---

**Parameter name**

Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI)  
Privacy Change Allowed

**Functional description**

This office parameter controls Presentation Indicator (PI) in the ISDN SETUP message. This parameter allows or does not allow PI in the ISDN SETUP message. When this parameter is set to Y, the subscriber can change the privacy status with the PI in the SETUP message. When the parameter is set to N, the subscriber cannot change the privacy status with the PI.

*Note:* The customer group option and the line option PCACIDS can override the office parameter value.

**Rules in provisioning**

Does not apply

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

The parameter can be set to N and the PCACIDS customer group or line option does not always override the parameter. If this event occurs, the subscriber cannot change the privacy status through the PI in the ISDN SETUP message. The parameter can be set to Y and the PCACIDS customer group or line option does not always override this parameter. When this event occurs, the

## **ISDNBRI\_PRIVACY\_CHANGE\_ALLOWED** (end)

---

subscriber can to change the privacy status through the PI in the ISDN SETUP message.

### **Memory requirements**

Parameter change does not impact memory.

### **Dump and restore rules**

Does not apply

### **Parameter history**

This parameter was introduced in NA008.

---

## ISUP\_ALT\_STS

---

**Parameter name**

ISUP Alternative Serving Translation Scheme

**Functional description**

For APN ISUP signalled calls, this office parameter gives a new Serving Translation Scheme (STS) that overrides the STS derived from table TRKGRP. This functionality is controlled by the EDGE0005 SOC and is exclusive to AT&T. It is not available to general UCS users.

**Provisioning rules**

None

**Range information**

The range of values for this office parameter is dependant upon the STS values datafilled in table HNPACONT. The range information is as follows:

Minimum	Maximum	Default
	999	The first STS datafilled in table HNPACONT

**Activation**

Immediate

**Requirements**

Not applicable

**Results**

Not applicable

**Testing**

Not applicable

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the existing value of this parameter.

## **Parameter history**

This parameter was created in UCS15.

---

## ITS\_TEST\_SESSION\_TIMEOUT

---

**Parameter name**

Integrated Testing System Test Session Timeout

**Functional description**

This parameter specifies the timeout value for the Integrated Testing System (ITS) Translation Language 1 (TL1) capability in a DMS-100 switch.

The ITS TL1 interface is through an X.25 data link. The interface allows an Operation System (OS) to use TL1 to test DMS-100 lines through use of TL1. The TL1 commands create a test session on a DMS-100 switch to perform the test. This office parameter determines the inactivity of the test session.

When a test session remains inactive for the time-out value, the system sends an automatic report to the ITS OS. The ITS OS responds to the DMS-100 switch.

Test sessions already timed are not changed to include the new time-out. The timeout value and control is set on the timeout value. The timeout value and control is set when the system processes the last command for the test session.

This parameter applies only to the ISDN TL1 facility provided on the DMS-100.

**Rules in provisioning**

This office parameter determines the length (in minutes) a subscriber service does not function for test purposes. This parameter determines this time when the ITS OS loses track of the test session.

The default value of 20 is appropriate for the initial ISDN TL1 interface. The initial interface is machine-to-machine. Increase this parameter value when operating company personnel drive the TL1 commands on a one-to-one basis.

**Range information**

Minimum	Maximum	Default
20	480	20

**Activation**

Immediate

## **ITS\_TEST\_SESSION\_TIMEOUT** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Overprovisioning this parameter causes the risk that a subscriber service does not function for a period of time that is not acceptable.

Underprovisioning this parameter causes the ITS OS to receive too many of automatic responses.

### **Verification**

Does not apply

### **Memory requirements**

Each unit requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS33.



---

## JPN1\_ACM\_ALWAYS\_EXPECTED

---

**Parameter name**

Japanese Public Network ISDN User Part Address Complete Messages  
Always Expected

**Functional description**

This parameter indicates if Address Complete Messages (ACM) are expected for all ISDN User Part (ISUP) calls in the Japanese Public Network (JPN).

**Rules in provisioning**

When this parameter is a value of Y (yes), the ACMs must be received for all calls. Timer T7 (wait for ACM) is started when the Super Metropolitan Switch (SMS) is the exchange that controls.

The value of this parameter can remain at the default of N (no). The parameter must remain at N (no) until all switches in the JPN can send ACM for all JPN ISUP calls.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

When the value of this parameter is changed, all in-service peripherals that process ISUP calls are updated with the new value. These peripherals have the value updated on a node state change of the peripheral. These peripherals have the value updated on application of a BCS upgrade to the CC.

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **JPN1\_ACM\_ALWAYS\_EXPECTED** (end)

---

### **Verification**

Set the parameter value to Y. Attempt to make a JPN ISUP call and do not send an ACM before the Answer Message (ANM). When the ANM is received, send an RSC.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS35.

---

## LAYER2\_CIRCUIT\_ABN\_PEGS\_THLD

---

**Parameter name**

Layer 2 Circuit Abnormality Pegs Threshold

**Functional description**

This parameter sets the number of the high abnormality rate threshold. This number indicates the number of layer 2 protocol abnormalities allowed on any circuit-switched ISDN line. This number sets the number of abnormalities allowed of over a 24-hr period. When the number of abnormalities exceeds the threshold number, a high abnormality rate is declared and audit registers increase.

**Rules in provisioning**

Set the value of this parameter when audit is inactive.

**Range information**

The range of values for this parameter is 1-1000.

Minimum	Maximum	Default
1	1000	20

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

The system generates ISDN201 and ISDN203 log reports when an ISDN line exceeds the threshold value set.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Follow reformat procedure to change parameter name.

## **LAYER2\_CIRCUIT\_ABN\_PEGS\_THLD** (end)

---

### **Parameter history**

#### **NA008**

This parameter replaces office parameter LAYER2\_SAPI0\_ABN\_PEGS\_THLD to make differences between circuit and packet threshold counts clear.

The range of possible values is changed from 1-100 to 1-1000.

The default value is increased from 10 to 20 to include problems in the terminal endpoint identifier (TEI) assignment.

---

## LAYER2\_PACKET\_ABN\_PEGS\_THLD

---

**Parameter name**

Layer 2 Packet Abnormality Pegs Threshold

**Functional description**

This parameter sets the number of the high abnormality rate threshold. The number indicates the number of layer 2 protocol abnormalities allowed on any packet switched Integrated Services Digital Network (ISDN) line over a 24-hour period. When the number of abnormalities exceeds the threshold number, the system declares a high abnormality rate and pegs audit registers.

**Rules in provisioning**

Set value of this parameter during period when audit is inactive.

**Range information**

The range of values for this parameter is 1-1000.

Minimum	Maximum	Default
1	1000	10

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Does not apply

## **LAYER2\_PACKET\_ABN\_PEGS\_THLD** (end)

---

### **Parameter history**

#### **NA008**

This parameter replaces office parameter LAYER2\_SAPI16\_ABN\_PEGS\_THLD to separate circuit and packet threshold counts.

---

## LAYER2\_PEGS\_THRESHOLD\_LEVEL

---

**Parameter name**

Layer 2 Pegs Threshold Level

**Functional description**

This parameter indicates the threshold value for the Layer 2 peg percentages that contain errors or were transmitted again. These peg percentages cause an integrated services digital network (ISDN) line to have faults. The ISDN200 log contains the defective line.

**Rules in provisioning**

Leave this parameter at the Bellcore-approved default value of 4.

**Range information**

Minimum	Maximum	Default
1	100	4

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If this parameter is overprovisioned, the produced audit shows some or no problems, when some lines are defective.

Underprovisioning results in an audit that labels some functioning lines as defective.

**Verification**

The system generates ISDN200 logs each day when an ISDN line exceeds the threshold value.

**Memory requirements**

This parameter requires 1 word of memory.

## **LAYER2\_PEGS\_THRESHOLD\_LEVEL** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.  
Copy the current value from software release BCS32 to software release BCS32 or higher.

### **Parameter history**

#### **BCS34**

This parameter was moved from Table OFCENG in BCS34.

#### **BCS32**

This parameter was introduced in BCS32.



---

## LAYER2\_SERVICE\_DSRPT\_THLD

---

**Parameter name**

Layer2 Service Disruption Threshold

**Functional description**

A DMS switch that supports the integrated services digital network (ISDN) XMS-based peripheral module (XPM) uses this parameter.

This parameter specifies the threshold value for line equipment number (LEN) service disruptions. Section 5.4.5.2.B. of *Bellcore technical reference TR-TSY-000475* describes LEN service disruptions. When the error count exceeds the threshold value, the LEN is in a state of service disruption. The monitored errors are the number of Layer 2 resets and the number of overflows of the received frame buffer.

The XPM identifies as service disruption in a LEN an error count that exceeds the value of this parameter. The user can query the state of the LEN when the MAP terminal in the LTPDATA level posts the LEN.

**Rules in provisioning**

Set this parameter to a value that represents the number of acceptable LEN errors before a LEN experiences a service disruption. Bellcore technical reference TR-TSY-000475 does not recommend a value for the parameter. The default value of 4 is not a calculated choice.

**Range information**

Minimum	Maximum	Default
1	100	4

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **LAYER2\_SERVICE\_DSRPT\_THLD** (end)

---

### **Verification**

One time a day, the system generates an ISDN203 log that indicates the number of service disruptions that the LEN experiences.

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS34.

---

## LAYER3\_CIRCUIT\_ABN\_PEGS\_THLD

---

**Parameter name**

Layer 3 Circuit Abnormality Pegs Threshold

**Functional description**

This parameter sets the high abnormality rate threshold number for acceptable layer 3 protocol abnormalities. The threshold applies to layer 3 protocol abnormalities on a circuit switched Integrated Digital Services Network (ISDN) line over a 24-hour period. When the layer 3 protocol abnormalities exceed the threshold number, the system declares a high abnormality rate and increases audit registers.

**Rules in provisioning**

Set the value of this parameter when an audit is not active.

**Range information**

The range of values for this parameter is 1-1000.

Minimum	Maximum	Default
1	1000	10

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Does not apply

## **LAYER3\_CIRCUIT\_ABN\_PEGS\_THLD** (end)

---

### **Parameter history**

#### **NA008**

This parameter was introduced in NA008.

---

## LAYER3\_PACKET\_ABN\_PEGS\_THLD

---

**Parameter name**

Layer 3 Packet Abnormality Pegs Threshold

**Functional description**

This parameter sets the high abnormality rate threshold number for acceptable layer 3 protocol abnormalities. The threshold applies to layer 3 protocol abnormalities on a packet switched Integrated Services Digital Network (ISDN) line over a 24-hour period. When the number of abnormalities exceeds the threshold number, the system declares a high abnormality rate and audit pegs the registers.

**Rules in provisioning**

Set the value of this parameter when an audit is not active.

**Range information**

The range of values for this parameter is 1-1000.

Minimum	Maximum	Default
1	1000	10

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Does not apply

**LAYER3\_PACKET\_ABN\_PEGS\_THLD** (end)

---

**Parameter history**

**NA008**

This parameter was introduced in NA008.

---

**LAYER3\_PACKET\_SVC\_THLD**

---

**Parameter name**

Layer 3 Packet Service Disruption Threshold

**Functional description**

This parameter sets the threshold value for layer 3 service disruptions of X.25 packet data on an ISDN line over a 24-h period. Log report ISDN309 generates if the count of layer 3 service disruptions exceeds the value set for this parameter.

**Provisioning rules**

Not applicable

**Range information**

Minimum	Maximum	Default
1	1000	4

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Log report ISDN309 generates every 24 h if the count of layer 3 service disruptions exceeds the value set for this parameter.

**Memory requirements**

Not applicable

**Dump and restore rules**

Not applicable

## **LAYER3\_PACKET\_SVC\_THLD** (end)

---

### **Parameter history**

#### **NA010**

This parameter was introduced by AF7446, L2/L3 PKT Abnormality Counts and Logs - CM.



---

## LCARDALARM

---

### Parameter name

L Card Alarm

### Functional description

This parameter specifies minor, major, and critical alarm thresholds for circuit test or loop signaling failures at the line card L. When the number of L failures reaches one of the alarm thresholds, the system raises the correct alarm.

Use the ALMSTAT command at the line test position (LTP) of the MAP to change the value of this parameter.

### Rules in provisioning

Use current office failure problems to determine the LCARDALARM alarm thresholds. Notification of these failures also determines the LCARDALARM thresholds.

The default values are 100 for the minor alarm threshold, 150 for the major alarm threshold, and 200 for the critical alarm threshold. The default values are the standard line failure threshold values.

### Range information

Minimum	Maximum	Default
000	32767 32767 32767	100 150 200

### Activation

Use the ALMSTAT command at the LTP MAP level to change this parameter. The use of the ALMSTAT command to change the parameter updates all current alarms with the new values. The new values allow the alarms to reflect the failures.

### Dependencies

Does not apply

### Consequences

When the parameter values are overprovisioned, alarms for loop signaling or circuit test failures at the line card do not activate quickly enough. When this event occurs, a trouble report can be received.

## **LCARDALARM (end)**

---

When the parameter value is underprovisioned, the system can activate too many alarms. Loop signaling or circuit test failures at the line card cause the system to activate the alarms.

### **Verification**

Run the LTPMAN CktTst command at the line card on a line for which data entry occurred without the installation of a card. When the number of failures reaches than one of the thresholds, the correct alarm activates.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS26.

---

## LCDREX\_CONTROL

---

### Parameter name

Line Concentrating Device Routine Exercise Test Control

### Functional description

This parameter indicates the line concentrating device routine exercise (LCDREX) test start and stop times for modules. Examples of modules that use the LCDREX are line modules (LM), digital line modules (DLM), and remote carrier urban (RCU) modules.

The takeover/takeback portion of the REX test runs only for modules that have field LCDREX\_ENABLE of office parameter LCDREX\_CONTROL set to Y. The modules must have field REX in table LMINV set to REX. The use of the takeover/takeback portions appears in the table that follows.

When you set field LCDREX\_ENABLE of office parameter LCDREX\_CONTROL to N, the system generates a log at the LCDREX start time. This log indicates that REX test is disabled, and the system runs only the in-service test. When you set this field to Y, the system runs takeover/takeback portion of the REX test. You can run this test with the in-service tests each day. The system runs the test between the LCDREX start and stop times.

#### Activation of takeover/takeback portion of REX test

Field LCDREX_ENABLE value	Table LMINV field REX value	Takeover/takeback portion of REX test enabled?
N	NOREX	No
N	REX	No
Y	NOREX	No
Y	REX	Yes

For remote line concentrating modules (RLCM) that have the emergency stand-alone (ESA) service, the following condition occurs. The system runs an ESA REX test as part of the REX test.

The test cycle does not always function at the exact start and stop times. The test starts and stops within minutes of start and stop time when the last test started before the stop completes.

---

## LCDREX\_CONTROL (continued)

---

The REX test tests the modules one at a time. The test stops when the number of modules that fail exceeds the number that the office parameter specifies. The test also stops when the time reaches the LCDREX stop time.

The number of modules tested each day depends on the following information:

- the start and stop times
- the state of the modules
- the amount of specified activity in the switching unit during REX testing. This activity is the activity that affects the availability of the warm action flag that the REX test requires.

The full test for each unit requires approximately 10 min.

The daily cycle starts where the previous cycle stopped. The REX test only tests modules with both bays in an in service (InSv) or in-service trouble (ISTb) state. In these modules, the REX test tests bay 0 of all modules first, followed by bay 1 of all modules.

### Rules in provisioning

Use the information in the following table to set the values of this parameter.

#### Provisioning

Field name	Entry	Explanation
LCDREX_ENABLE	Y or N	Enter Y to activate the takeover/takeback portion of the REX test. You also can enter N.
LCDREX_START_TIME	numeric	Enter the start time in hours (0 to 23) and minutes (0 to 59) at which the REX test must start. The default is 1 0 (1 a.m.).
LCDREX_STOP_TIME	numeric	Enter the stop time in hours (0 to 23) and minutes (0 to 59) at which to stop the REX test. The default is 3 0 (3 a.m.).
LCDREX_FAIL_LIMIT	1 to 253	Enter the maximum number of REX test failures allowed during each daily cycle before REX testing stops. If this field is set to 253, there is no limit. The default is 2.

---

**LCDREX\_CONTROL** (continued)

---

**Range information**

Minimum	Maximum	Default
		N 1 0 3 0 2

**Activation**

Immediate

Change field value REX in table LMINV to N for a module to deactivate the takeover/takeback portion of the REX test.

**Dependencies**

The takeover/takeback portion of the REX test only runs for modules that have both field LCDREX\_ENABLE of office parameter LCDREX\_CONTROL set to Y and field REX in table LMINV set to REX.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****NA004**

The following changes were made:

- Changed long-form parameter name from Line Concentrating Device Routine Exercise Control to Line Concentrating Device Routine Exercise Test Control.
- In agreement with feature AF5898, LCM REX Controller Enhancement, removed references to office parameter LCDREX\_CONTROL in use for LCM REX testing. The system REX (SREX) controller now coordinates

## **LCDREX\_CONTROL** (end)

---

LCM REX testing with this feature. This system controller uses office parameter NODEREXCONTROL in table OFCVAR instead of office parameter LCDREX\_CONTROL.

- Added table "Activation of takeover/takeback portion of REX test" to "Functional description" section.
- In "Functional description" section, changed reference to "office parameter LCDREX\_ENABLE" to read "field LCDREX\_ENABLE of office parameter LCDREX\_CONTROL."
- Changed references to values Y and N for field REX in table LMINV to refer to the correct values, REX and NOREX. These changes occur through document.

### **BCS16**

This parameter was introduced in BCS16.

---

**LEAS\_SS7\_ACTIVE**

---

**Parameter name**

LATA Equal Access Signaling System 7 Active

**Functional description**

This parameter is for LEAS Access Tandem switches that require Signaling System 7 (SS7) interworking. Use this parameter to control feature functionality and additional time-consuming translations for operating companies. These operating companies do not require LEAS interworking on SS7 intertoll (IT) group type trunks.

**Rules in provisioning**

Set the value of this parameter to Y (yes) to allow LEAS translations. At any other time, enter N (no).

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Set the value of this parameter to Y and calls can generate a CALL CODE 110. These calls originate over integrated services digital network (ISDN) user part (ISUP) IT trunks entered in table TRKLATA. The subtending end office (EO) can subscribe users to a carrier identification code (CIC) equal to the value of parameter LEAS\_SS7\_CIC. In this condition, the system uses LEAS translations. Use TRAVER to verify this parameter.

**Memory requirements**

This parameter requires 1 word of memory.

**LEAS\_SS7\_ACTIVE** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

## LINE\_CARD\_MONITOR

---

**Parameter name**

Line Card Monitor

**Functional description**

This parameter enables and disables the Line Card Monitor feature for the office. The Line Card Monitor feature uses current DMS line card diagnostics, permanent lockout (PLO) and incoming message overload (ICMO). The Line Card Monitor feature identifies and reacts to potential problems on subscriber lines.

**Rules in provisioning**

Set the value of this parameter to Y (yes) to activate this feature.

Leave the value of this parameter at the default of N (no) if this feature is not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 1 word of memory.

## **LINE\_CARD\_MONITOR** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS33.

---

## LINE\_WITH\_CWT\_CAN\_FLASH

---

### Parameter name

Line With Call Waiting Can Flash

### Functional description

This parameter associates with the 200 ms disconnect timing feature. This timing feature provides residential enhanced services (RES) lines with disconnect signal timing. This time is equivalent to the timing of plain ordinary telephone service (POTS) lines.

This parameter also enhances disconnect signal timing for POTS and RES lines in conditions that involve the call waiting (CWT) option.

Before BCS30, RES lines had disconnect timing with flash privileges in all conditions. Options or features on the line did affect disconnect timing with flash privileges. This parameter changes the condition so that RES lines only receive flash timing when these lines require flash timing. RES lines require flash timing when flash activated features or options are present on the line. When an RES line does not require flash privileges, the line uses disconnect timing without flash. This use allows the recognition of any on hook duration greater than 200 ms as a disconnect, not a flash.

In BCS30, this functionality extends to office-wide CCW already present in the POTS and RES environments.

### Rules in provisioning

Some lines can activate the Cancel Call Waiting (CCW) feature and do not have other flash features or options. These lines only can receive flash timing when the parameter is set to a value of Y (yes). This condition allows these lines to activate the CCW feature during the talking stage of a call. The lines flash and dial the CCW access code. If the parameter is set to Y (yes), the lines can activate CCW before the lines originate calls.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

## **LINE\_WITH\_CWT\_CAN\_FLASH** (end)

---

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the existing value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS29**

This parameter was introduced in BCS29

#### **CSP02**

Restart activation requirement was removed in CSP02.

---

## LOCAL\_COIN\_INIT\_TIME

---

**Parameter name**

Local Coin Initial Time

**Functional description**

This parameter provides the initial period, in 1 s intervals, for local coin overtime charging.

**Rules in provisioning**

Specify the the initial period, in 1 s intervals, for local coin overtime charging.

**Range information**

Minimum	Maximum	Default
60 (1 min)	3600 (1 h)	180 (3 min)

**Activation**

Immediate

**Dependencies**

This parameter appears in a switching unit with the value of parameter LOCAL\_COIN\_OVERTIME\_FEATURE set to Y (yes) in table OFCOPT.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## **LOCAL\_COIN\_OVER\_TIME**

---

### **Parameter name**

Local Coin Overtime Period

### **Functional description**

This parameter specifies the overtime period, in 1-s intervals, for local coin overtime charging.

### **Rules in provisioning**

Specify the overtime period, in 1-s intervals, for local coin overtime charging.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
60 (1 min)	3600 (1 h)	180 (3 min)

### **Activation**

Immediate

### **Dependencies**

This parameter appears in a switching unit with the value of parameter LOCAL\_COIN\_OVERTIME\_FEATURE set to Y (yes) in table OFCOPT.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## LOG\_CENTRAL\_BUFFER\_SIZE

---

**Parameter name**

Log Central Buffer Size

**Functional description**

All switching units require this parameter. The parameter specifies the size of the log system central buffer where all reports are stored. The system central buffer stores the logs until the system routes the logs to the correct device buffer(s). Log class determines the correct device buffer(s).

**Rules in provisioning**

The default value is normally adequate for the log system. When a large number of reports are lost, an increase in the default value can occur to compensate. A decrease in the default value can occur if there not enough store and a small number of reports are available.

The recommended value for this parameter is 2500. This value applies for a switching unit (international) with universal translations and the Selective Charge Record (SCR) or Attendant Pay Station (APS) feature.

**Range information**

Minimum	Maximum	Default
1000	32000	2000

**Activation**

The activation of this parameter occurs after a cold restart.

**Dependencies**

Does not apply

**Consequences**

Underprovisioning of this parameter results in lost reports. Overprovisioning results in memory that the system does not use.

**Verification**

Does not apply

## **LOG\_CENTRAL\_BUFFER\_SIZE** (end)

---

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

## LOG\_DEVICE\_BUFFER\_SIZE

---

### Parameter name

Log Device Buffer Size

### Functional description

All switching units require this parameter. This parameter specifies the size of the buffer for devices.

Each device has an allocated buffer. This buffer stores reports routed to the device.

Reports in a queue against the device stay in this buffer until the reports print.

### Rules in Provisioning

You will find the default value as the recommended value. Increase the parameter value if the loss of a large number of reports occurs. Decrease the value if a crucial shortage of store is present and the number of reports is small.

The recommended value for this parameter is 1500. The value refers to a switching unit (international) with universal translations. The value also refers to the Selective Charge Record (SCR) or Attendant Pay Station (APS) feature.

**Note:** Perform one of the following for any device that uses the new buffer size value:

- (1) stopdev, deldevice, and startdev
- (2) stopdev, resetroute, and startdev

If table LOGDEV contains the definition for the device, delete and re-enter the device into table LOGDEV. Do not perform the deldevice or resetroute only.

If you perform a resetroute, loss of all temporary routing occurs. Temporary routing is not entered in table LOGDEV.

### Range information

Minimum	Maximum	Default
500	32000	2000 (CM) 1000 (all other nodes)

## **LOG\_DEVICE\_BUFFER\_SIZE** (end)

---

### **Activation**

Activation occurs on the next STARTDEV command.

### **Dependencies**

Does not apply

### **Consequences**

An underprovisioned parameter results in lost reports. An overprovisioned parameter results in memory that is not used.

### **Verification**

Does not apply

### **Memory requirements**

Each unit requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

**LOG\_OFFICE\_ID**

---

**Parameter name**

Log Office Identifier

**Functional description**

This parameter appears in all switching units and specifies the name for office identification in the log output header.

**Rules in Provisioning**

If the log output header requires an office identifier, enter the 1-to-12 character name for office identification.

If the log output header does not require an office identifier, leave the value of this parameter at the default of \$.

**Range information**

Minimum	Maximum	Default
		\$ (a nil vector)

**Activation**

Immediate

When the parameter changes, the following logs have the new office identifier.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**LOG\_OFFICE\_ID** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## LOOP\_AROUND\_TIMEOUT\_IN\_MIN

---

**Parameter name**

Loop-around Timeout In Minutes

**Functional description**

The loop-around test line for CCITT ISUP feature for the DMS-300 uses this parameter.

Parameter LOOP\_AROUND\_TIMEOUT\_IN\_MIN is a safeguard. This parameter prevents the digital loop-around test call connection from being held up indefinitely. This parameter prevents this problem if the originating office fails to clear down the call.

**Rules in Provisioning**

Set this parameter at a value between 20 min and 15,300 min (255 h). This value allows the terminating office to take down the call under the following conditions:

- the loop around timeout is complete
- the originating office has not transmitted a call disconnect message

**Range information**

Minimum	Maximum	Default
20 (min)	15300 (min)	20 (min)

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If the parameter is underprovisioned, the originating office can clear down the test call connection. The originating office can clear down the test call connection before the originating office completes the test call.

## **LOOP\_AROUND\_TIMEOUT\_IN\_MIN** (end)

---

The trunk under test at the terminating office cannot carry call traffic for an amount of time that is not necessary. This trunk cannot carry call traffic if the following conditions occur:

- the parameter is overprovisioned
- the originating office fails to clear down the test call connection at the far-end office

### **Verification**

Does not apply

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS32.

---

**LSETALARM**

---

**Parameter name**

L Set Alarm

**Functional description**

This parameter specifies minor, major and critical alarm thresholds. This parameter specifies these thresholds for circuit test or loop signaling failures at the terminal l (small l).

The number of l failures can be equal to or greater than one of the alarm thresholds. If this condition occurs, the system raises the appropriate alarm.

Use the ALMSTAT command at the line test position (LTP) level of the MAP terminal to change the parameter value. This command is the recommended method to change the value of this parameter.

**Rules in provisioning**

Set the LSETALARM alarm thresholds based on the current office failure problems and if you want notification for these failures.

The default values are 100 for the minor alarm threshold, 150 for the major alarm threshold, and 200 for the critical alarm threshold.

The default values are the standard line failure threshold values.

**Range information**

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

**Activation**

Use the ALMSTAT command at the LTP MAP level to change this parameter. When you use the ALMSTAT command, the system updates all current alarms to reflect the failures with the new values.

**Dependencies**

Does not apply

## **LSETALARM** (end)

---

### **Consequences**

An overprovisioned parameter causes the system to raise late alarms for loop signaling or circuit test failures at the terminal. A trouble report can be received because of the late alarms.

An underprovisioned parameter causes the system to raise too many alarms because of loop signaling or circuit test failures at the terminal.

### **Verification**

Run the LTPMAN CKTTST command at the terminal on lines entered in a table. These lines do not have a set plugged in. When the number of failures equals one of the thresholds, the system will raise the appropriate alarm.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS26.



---

## MAX\_IAM\_HOPS

---

**Parameter name**

Maximum Initial Address Message (IAM) Hops

**Functional description**

The MAX\_IAM\_HOPS parameter indicates the maximum number of transfers (hops) that an IAM related to one call can make between switches. The value range for this parameter is 10 to 20. When the construction of the IAM occurs, the parameter value is placed in the HC field. The parameter value is part of call processing of the next switch in the call path. If the parameter value expires, the call is released and a release (REL) message goes to the originating switch. This parameter prevents IAMs from entering continuous transmission loops.

**Rules in provisioning**

There are no rules in provisioning.

**Range information**

Minimum	Maximum	Default
10	20	20

**Activation**

Immediate following change. Restart not required.

**Dependencies**

Does not apply

**Consequences**

If you select a low value (for example, 10), some IAMs will not terminate. If IAMs cannot terminate with the maximum value, this can indicate translations problems in the operating company network.

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 byte of memory.

**MAX\_IAM\_HOPS** (end)

---

**Dump and restore rules**

Does not apply

**Parameter history**

**NA005**

This parameter was introduced in NA005.

---

## MAX\_RMAP\_SESSIONS

---

**Parameter name**

Maximum Number Of Remote Map Sessions

**Functional description**

This parameter specifies the maximum number of remote MAP (RMAP) sessions on an MSL-100. The number of remote MAP sessions can vary from one to three.

**Rules in provisioning**

To use a minimum of two RMAP session, change the value of this parameter.

**Range information**

Minimum	Maximum	Default
1	3	1

**Activation**

Warm restart

**Dependencies**

This parameter also controls the number of entries for RMAP applications in table SLNWK. For each RMAP session, table SLNWK needs to be entered separately.

**Consequences**

Does not apply

**Verification**

To verify that this parameter is set correctly and operating, add data to table SLNWK for RMAP applications.

Each RMAP session requires one entry for RMAP application in table SLNWK. You cannot add more tables for RMAP application than the value of this parameter.

**Memory requirements**

This parameter does not impact memory.

## **MAX\_RMAP\_SESSIONS** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS30.

---

## MCARDALARM

---

### Parameter name

Missing Line Card Alarm

### Functional description

This parameter is the missing line card diagnostic failure flag. The system maintains a counter and three threshold levels for the failure type. The three threshold types are minor, major, and critical.

An alarm condition occurs when a minimum of one of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the ALMSTAT command at the LTP level of the MAP.

### Rules in provisioning

Specify the line card diagnostic alarm thresholds.

For example, the default value of 100 150 200 represents the following thresholds:

- a minor alarm threshold of 100 failures
- a major alarm threshold of 150 failures
- a critical alarm threshold of 200 failures

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

### Activation

Only use the ALMSTAT command at the LTP Map Level to change this parameter. When you use the ALMSTAT command, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

## **MCARDALARM** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Parameter history**

This parameter was introduced in BCS19.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## MCCS\_SEQ\_CALL\_LIM

---

**Parameter name**

Mechanized Calling Card Service Sequence Call Limit

**Functional description**

This parameter allows the operating company to limit the number of sequence calls permitted. The sequence calls are from a single Billing Validation Center (BVC) query. This parameter blocks calls. The system routes these blocked calls to an announcement.

This parameter limits the number of mechanized calling-card service (MCCS) sequence calls for each switching unit. If a subscriber attempts to exceed the permitted number of MCCS sequence calls for an office, the following occurs:

- announcement number 9 plays
- the system takes down the call

The subscriber must re-enter the calling card number according to the same rules in which the subscriber first entered the calling card number.

**Rules in provisioning**

Specify the maximum number of sequence calls that a subscriber can make from a single BVC query.

**Range information**

Minimum	Maximum	Default
0	127	127

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **MCCS\_SEQ\_CALL\_LIM** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS19.



---

**MCCS\_SEQ\_QUERY**


---

**Parameter name**

Mechanized Calling Card Service Sequence Query

**Functional description**

This parameter specifies a query sent on every sequence call for Calling Card Validation (CCV) on the Common Channel Signaling 6 (CCS6) network.

This parameter does not affect expanded format calling cards.

**Rules in provisioning**

Leave the value of this parameter at the default of N (no). Perform this action to make sure that queries are not performed on CCV sequence calls. This action enables a customer to bill multiple calls to a single credit card number without requiring repeated database validation.

To forward queries to a Billing Validation Center (BVC) for each customer-dialed CCV call, set this parameter to Y (yes) .

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

For customer-dialed calls over a CCS7 network, field SEQQRY in table CCVPARMS provides the function of this parameter.

**Consequences**

When you set this parameter to Y, a large increase in real-time processing for CCV sequence calls occurs. A parameter set to Y also increases the trunk holding times for these calls. You must provision enough datalinks to the database to handle the increased number of queries. Evaluate the engineering/capacity of the office again.

## **MCCS\_SEQ\_QUERY** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS31.

---

**MCT\_TONE**

---

**Parameter name**

Malicious Call Traced Tone

**Functional description**

A local switching unit (international) with universal translations and the Malicious Call Traced (MCT) feature requires this parameter. This parameter determines which tone the system gives to the originating party when the terminating party activates the MCT feature.

This parameter can have the following values:

- SILENT - Cut off speech from the terminator to the originator.
- DIAL - Replace speech with dial tone for both parties.
- AUDRING - Replace speech with audible ringing for both parties.
- SPEECH - Retain speech between the parties (no tone).

The above tones are maintained on the call for the terminator until the terminator is on hook. The tones remain on the line of the originator until operating company personnel force release the line.

**Rules in provisioning**

Specify the tone that the system gives to the originating party when the terminating party activates the MCT feature.

Leave this parameter at the default value if the system does not activate this feature.

**Range information**

Minimum	Maximum	Default
		DIAL

**Activation**

Immediate

**Dependencies**

Does not apply

## **MCT\_TONE** (end)

---

### **Consequences**

Does not apply

### **Verification**

To verify that this parameter works correctly, set the parameter to the desired value and set up a 2-port call. Use the MCT feature on the originator. Verify that the traced party receives the tone that this parameter specifies.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS24.

---

**MCTIMER**

---

**Parameter name**

Malicious Call Timer

**Functional description**

The features MCH and CLF use this parameter when the system traces malicious calls. These features use this parameter to give a delay for the called subscriber to activate MCH or CLF. This delay allows the subscriber to activate MCH or CLF after the malicious caller goes on-hook.

**Rules in provisioning**

This parameter consists of two parts, MCTO and MCTT. Each part is a value from 30 to 120, in multiples of 10, and represents a time interval in seconds.

At the terminating exchange, the timer (MCTIMER MCTO) starts if a calling subscriber goes on-hook before a called subscriber (with CLF or MCH). When the called subscriber goes on-hook the timer terminates. If the timer expires the system holds the trunks involved in the call.

At the originating exchange, the timer (MCTIMER MCTT) starts if a calling subscriber goes on-hook before a called subscriber (with CLF or MCH). When the called subscriber goes on-hook, or the called subscriber activates CLF or MCH, the timer terminates. If the timer expires the call, the system takes the call down.

**Range information**

Minimum	Maximum	Default
30	120	90 90

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **MCTIMER** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 2 words of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

The minimum value of MCTIMER is changed from 60 to 30 in MMP13.

This parameter was introduced in BCS31.

---

## METER\_PULSE\_MISMATCH\_THRESHOLD

---

### Parameter name

Meter Pulse Mismatch Threshold

### Functional description

This parameter specifies the allowed percentage difference between the pulse counts. The originating and terminating agents report the pulse counts when these agents perform tandeming. If the percentage difference between pulse counts is greater than the difference this parameter specifies, the system generates an MTR145 log.

### Rules in provisioning

The recommended value for initial data entry is the default value 5. If the system generates a large number of MTR145 logs at this setting, increase the value. Increase the value in increments of two or three percent until the system does not generate these logs often. A value of more than 10 for METER\_PULSE\_MISMATCH\_THRESHOLD can indicate a problem in the network or the tandeming software.

### Range information

Minimum	Maximum	Default
0 (%)	100 (%)	5 (%)

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

The value of this parameter controls the tolerance toward mismatches between the pulse count that the originating and terminating agents report. A low value results in a low tolerance toward mismatches. A higher value results in a higher tolerance.

### Verification

Does not apply

## **METER\_PULSE\_MISMATCH\_THRESHOLD** (end)

---

### **Memory requirements**

This parameter requires 2 words of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS32.



---

## METER\_PULSE\_MONETARY\_RATE

---

### Parameter name

Meter Pulse Monetary Rate

### Functional description

The METER\_PULSE\_MONETARY\_RATE parameter holds the multiplying factor for the charge for Attendant Pay Station (APS) and Hotel (HOT) direct dialed local calls. Switching units in the People's Republic of China with the Service Hall feature require this parameter.

A service hall is a site where the public can place calls under the supervision of an attendant. The attendant assigns telephones to customers and collects call charges. This service is for areas with limited access to private phone lines.

This parameter indicates the monetary value of each meter pulse. The administration should set this value based on the lowest unit of currency.

The value of this parameter multiplied by the number of pulses for each call gives the total charge for each call. The APS option billing record includes the total charge for each call.

### Provisioning rules

The value of this parameter is based on the lowest unit of currency.

### Range information

The range information is as follows:

Minimum	Maximum	Default
0	32767	1

### Activation

Immediate

### Requirements

See parameter APS\_REPORT\_ALL\_CALLS in table OFCVAR for a definition of billing records.

### Results

This parameter determines the charge for APS and HOT direct dialed local calls.

## **METER\_PULSE\_MONETARY\_RATE** (end)

---

### **Testing**

To determine whether the parameter is set correctly, check the value of the parameter in table OFCVAR.

To determine whether the parameter is working correctly, change the value of the parameter and check that the charge changes accordingly.

### **Memory requirements**

This parameter requires one word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS26.

---

## MSETALARM

---

**Parameter name**

Missing Set Alarm

**Functional description**

Local, SL100, or Austrian local switching units require this parameter. This parameter specifies alarm thresholds. These thresholds are for the number of lines missing sets before the system raises a minor, major, or critical alarm.

An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter use the ALMSTAT command at the LTP level of the MAP.

**Rules in provisioning**

Specify the alarm threshold. For example, the default value of 10 20 30 represents the following thresholds:

- a minor alarm threshold of 10 failures
- a major alarm threshold of 20 failures
- a critical alarm threshold of 30 failures

If this feature is not required, set the parameter values to 32001 32002 32002.

**Range information**

Minimum	Maximum	Default
0 0 0	32767 32767 32767	10 20 30

**Activation**

Use only the ALMSTAT command at the LTP MAP Level to change this parameter. When you use the ALMSTAT command to change this value, the system updates all current alarms. This update reflects the failures with the new values.

**Dependencies**

Does not apply

## **MSETALARM** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## MSGPSOC\_OM\_CONTROL

---

### Parameter name

MSGPSOC\_OM\_CONTROL

### Functional description

MSGPSOC\_OM\_CONTROL enables or disables the MSGPSOC operational measurement.

To disable the OM, change the value to N(o). A message lets the crafts person know that the OM is disabled, and the system sends new static data messages to the XPMs to indicate that the OM is turned off. To re-enable the OM, change the value back to Y(es). A message lets the crafts person know that the OM is enabled, and the system sends new static data messages to the XPMs to indicate that the OM is turned on.

### Provisioning rules

None

### Range information

The range is Y(es) or N(o).The default is Y (OM enables).

### Activation

Immediate

### Requirements

None

### Results

The system sends static messages to the XPMs reporting the enabled or disabled state of the OM.

### Testing

With this parameter set to Y, generate sufficient messages from the LCM to the host XPM to exceed the 60% threshold. Use the OMSHOW command to view the data, or watch for a PM420 log that reports the overload.

With this parameter set to N, generate sufficient messages from the LCM to the host XPM to exceed the 60% threshold.

### Memory requirements

None

## **MSGPSOC\_OM\_CONTROL** (end)

---

### **Dump and restore rules**

None

### **Parameter history**

XPM14 introduced the office parameter, MSGPSOC\_OM\_CONTROL.

---

**MTA\_RLM\_TIME**

---

**Parameter name**

Metallic Test Access Remote Line Module Time

**Functional description**

Local or combined local and toll switching units with remote operation require this parameter. This parameter specifies the time, in 10-ms intervals, that the remote line module requires to perform a metallic test access (MTA) hardware scan.

**Rules in provisioning**

Specify the time, in 10-ms intervals, that the remote line module requires to perform an MTA hardware scan.

**Range information**

Minimum	Maximum	Default
0	255	20 (200 ms)

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## MTA\_RMM\_TIME

---

### Parameter name

Metallic Access Test Remote Maintenance Module Time

### Functional description

Switching units with remote operation where the remote has NT3X09 Metallic Access Test (MTA) driver cards mounted on a remote maintenance module (RMM) require this parameter.

This parameter specifies the time, in 10-ms intervals, that the RMM requires to perform an MTA hardware scan.

### Rules in provisioning

Specify the time, in 10-ms intervals, that the RMM requires to perform an MTA hardware scan.

### Range information

Minimum	Maximum	Default
0	255	10 (100 ms)

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.



**MTA\_RMM\_TIME** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS15.

## MTULDINFO

---

### Parameter name

Metallic Test Unit Load Information

### Functional description

This parameter stores the default metallic test unit (MTU) firmware filename.

The MTU is like the Line Test Unit (LTU) from the software point of view. One major difference is that the central control (CC) can download the firmware (8086 micro program) that controls the MTU. Load the physical MTU only because one physical MTU hardware performs the function of two logical MTUs.

### Rules in provisioning

Specify the file name of the default MTU firmware.

### Range information

Minimum	Maximum	Default
		NILFNAME

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS21**

This parameter was introduced in BC521.

## NDIAGALARM

---

### Parameter name

Need Diagnostics Alarm

### Functional description

This parameter is the need diagnostic (NDIAG) failure flag. The system maintains a counter and three threshold levels (minor, major, and critical) for this failure type. An alarm condition occurs when a minimum of one of the failure counters exceeds one of the threshold levels.

Use the ALMSTAT command at the LTP MAP level to change the value of this parameter.

### Rules in provisioning

Specify the alarm thresholds for NDIAG failures. For example, the default value of 10 20 30 represents the following thresholds:

- a minor alarm threshold of 10 failures
- a major alarm threshold of 20 failures
- a critical alarm threshold of 30 failures

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	10 20 30

### Activation

Use only the ALMSTAT command at the LTP MAP level to change this parameter value. When you use the ALMSTAT command to change the value, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

### Consequences

Does not apply

**NDIAGALARM** (end)

---

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## NEMHEARTBEAT

---

### Parameter name

NEMAS Heartbeat

### Functional description

This parameter defines the length of time between each HEARTBEAT log for NEMAS Spontaneous Reporting (SPR) sessions.

A HEARTBEAT is a special log that the system generates to indicate to NEMAS that the DMS switch continues to function.

### Rules in provisioning

Specify the length of time, in 15-s intervals, between each HEARTBEAT log for NEMAS SPR sessions. For example, a value of four indicates a period of 60 s between HEARTBEAT logs.

If the value of this parameter is set to 0 (zero), the system does not generate HEARTBEAT logs.

### Range information

Minimum	Maximum	Default
0	60	4

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

**NEMHEARTBEAT** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## NETFAB\_DAILY\_DURATION

---

### Parameter name

Network Fabric Test Daily Duration

### Functional description

This parameter specifies the daily duration of the network fabric (NetFab) test.

The NetFab test checks the accuracy of the network call paths. The complete test takes more than 10 h to run. The test runs four hours every night. This test is completed over a period of three days.

Before BCS34, the daily duration of this test was hardcoded at a value of 4 (hours). This parameter provides the flexibility to set the test duration between 1 h and 4 h. This flexibility allows time for other maintenance software to run during low traffic periods.

### Rules in provisioning

The recommended value for this parameter is 4.

### Range information

Minimum	Maximum	Default
1	4	4

### Activation

Immediate

If a scheduled test is running when the daily duration changes, the current test runs to completion according to the original value.

### Dependencies

This office parameter works in conjunction with office parameters NETFAB\_SCHEDULE\_ENABLED and NETFAB\_SCHEDULE\_TIME in table OFCVAR. The parameter NETFAB\_SCHEDULE\_ENABLED allows NetFab test to run. The parameter NETFAB\_SCHEDULE\_TIME is the daily test start time.



---

**NETFAB\_DAILY\_DURATION** (end)

---

**Consequences**

If you set this parameter to a value of less than 4, the number of days required to complete the test increases.

**Verification**

Use the STATUS command to verify a change of value in this parameter after you enter ICTS followed by NETFAB. The test duration displays the start and end times.

**Memory requirements**

This parameter value requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****BCS34**

This parameter was introduced in BCS34.

---

## NETFAB\_SCHEDULE\_ENABLED

---

### Parameter name

Network Fabric Schedule Enabled

### Functional description

The scheduled testing of the DMS network fabric test requires this parameter. The enhanced network (ENET) and junctored network (JNET) share this parameter.

The network fabric test uses the integrity-check traffic simulator (ICTS) package to test the network. The ICTS establishes a series of connections through the network and performs integrity/parity checking. These connections are essentially pseudo calls. If the system detects an integrity fault on one of these connections, the system establishes supervision on the same network plane. Supervision that occurs on the same plane focuses the test on the problem. A normal call switches to the other plane. The network fabric test sets up groups of these connections in a controlled method to cover all the call paths in the network.

### Rules in provisioning

The recommended value is the default of N (no).

To enable the network fabric testing, change the value of this parameter to Y (yes).

### Range information

The range information is as follows:

Minimum	Maximum	Default
		Y

### Activation

Immediate

If a scheduled test runs when the value of this parameter changes from Y to N, the current test completes.

### Dependencies

To start the network fabric test at the time that NETFAB\_SCHEDULED\_TIME in table OFCVAR specifies, leave the default value Y.

## **NETFAB\_SCHEDULE\_ENABLED** (end)

---

### **Consequences**

Does not apply

### **Verification**

To verify the value of this parameter, use the commands ICTS, NETFAB and STATUS at the NET level of the MAP. Use these commands to check that scheduled testing is enabled.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **SN07 (DMS)**

Q01100602: The “Rules in provisioning” section has changed.

#### **BCS25**

This parameter was introduced in BCS25.

## NETFAB\_SCHEDULE\_TIME

---

### Parameter name

Network Fabric Test Schedule Time

### Functional description

This parameter specifies the hour that the scheduled network fabric test starts if this test is enabled. The enhanced network (ENET) and junctored network (JNET) share this parameter.

Select the time at the start of 4 h of low traffic (the testing duration).

### Rules in provisioning

If the required time for the network fabric test is 2 a.m., leave the value of the parameter at the default value 2.

To specify a different start time for the network fabric test, change the value of this parameter to the required hour.

### Range information

Minimum	Maximum	Default
0 (midnight)	23	2

### Activation

Immediate

If a scheduled test runs when the value of this parameter changes, the following occurs:

- the current scheduled test completes
- the next test uses the new scheduled time

### Dependencies

Office parameter NETFAB\_SCHEDULE\_ENABLED in table OFCVAR determines if the network fabric test starts to run at the hour that this parameter specifies.

### Consequences

Does not apply

---

**NETFAB\_SCHEDULE\_TIME** (end)

---

**Verification**

To verify the value of this parameter, use the NETFAB command STATUS at the MAP to see the scheduled start time.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****BCS25**

This parameter was introduced in BCS25.

## NETMINDER\_MPC\_AND\_LINK

---

### Parameter name

NetMinder MPC and Link

### Functional description

This parameter stores the multiprotocol (MPC) number and the MPCLINK number. This parameter allows the user to change the MPC connection at any time.

### Rules in provisioning

Specify the MPC number (0-255) and the MPCLINK number (0-3).

### Range information

Name	Minimum	Maximum	Default
MPC	0	255	0
LINK	0	3	3

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Verify this parameter through table control.

### Memory requirements

This parameter requires 1 word of memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

---

**NETMINDER\_MPC\_AND\_LINK** (end)

---

**Parameter history**

**NA007**

This parameter was introduced in NA007.

## NEW\_OE\_LOG\_FORMAT

---

### Parameter name

NEW\_OE\_LOG\_FORMAT

### Functional description

This office parameter allows you to specify the log format of the originating equipment (OE) DN. You can display the OE DN as seven or ten digits. The 10-digit DN option prevents ambiguous 7-digit DNs if duplicate NXX codes exist on the switch.

### Provisioning rules

To select the 7-digit DN format, set the NEW\_OE\_LOG\_FORMAT parameter to N. To select the 10-digit DN format, set parameter NEW\_OE\_LOG\_FORMAT to Y. The following examples show the MAP displays for the possible input combinations.

#### Example 1. 7-digit format active, enter N for parameter NEW\_OE\_LOG\_FORMAT.

```
>N
ALREADY IN THE OLD OE LOG FORMAT, NO ACTION TAKEN.
>
```

#### Example 2. 7-digit format active, enter Y for parameter NEW\_OE\_LOG\_FORMAT.

```
>Y
WARNING: BY MAKING THIS CHANGE, THE OE FORMAT IN LOGS
ARE CHANGED FROM THE FOLLOWING EXAMPLE.
      LEN HOST 02 1 08 10 DN 6211027 KEY 1
TO:
      HOST 02 1 08 10 DN 9056211027 KEY 1
DO YOU REALLY WANT TO CONTINUE?
PLEASE CONFIRM ("Y" OR "N"):
>
```

Enter Y to implement the change.

Enter N to cancel the change, the system displays the following message.



---

**NEW\_OE\_LOG\_FORMAT** (continued)

---

```
>N
COMMAND HAS BEEN CANCELED!!
>
```

**Example 3. 10-digit format active, enter Y for parameter NEW\_OE\_LOG\_FORMAT.**

```
>Y
ALREADY IN THE NEW OE LOG FORMAT, NO ACTION TAKEN.
>
```

**Example 4. 10-digit format active, enter N for parameter NEW\_OE\_LOG\_FORMAT.**

```
>N
WARNING: IF NPE00001 PACKAGE, NORTH AMERICAN NUMBERING
PLAN EVOLUTION1, IS USED, THEN THIS DISPLAY CHANGE IS
NOT RECOMMENDED. THE 7-DIGIT DN DISPLAYED IN LOGS COULD
BE AMBIGUOUS. BY MAKING THIS CHANGE, THE OE FORMAT IN
LOGS ARE CHANGED FROM THE FOLLOWING EXAMPLE:
    HOST 02 1 08 10 DN  9056211027 KEY 1
TO:
    LEN HOST 02 1 08 10 DN 6211027 KEY 1
DO YOU REALLY WANT TO CONTINUE?
PLEASE CONFIRM ("Y" OR "N")
>
```

Enter Y to implement the change.

Enter N to cancel the change, the system displays the following message.

```
>N
COMMAND HAS BEEN CANCELED!!
>
```

## **NEW\_OE\_LOG\_FORMAT** (end)

---

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		Y

### **Activation**

Activation is immediate.

### **Dependencies**

There are no dependencies.

### **Consequences**

Not applicable

### **Verification**

Print a LINE log, check that the OE DN is in the correct format.

### **Memory requirements**

1 word

### **Dump and restore rules**

Not applicable

### **Parameter history**

#### **NA10**

This parameter was introduced in NA10

---

## NODEREXCONTROL

---

### Parameter name

Node Routine Exercise Test Control

### Functional description

All switching units require this parameter. This parameter allows the operating company to control the routine exercise (REx) test scheduling mechanism. The following (critical) REx tests are not controlled:

- SuperNode computing module (CM)
- SuperNode message switch (MS)
- SuperNode enhanced network (ENET)

For SuperNode, the critical REx tests always run before the XPM REx tests. For NT40, office parameters CC\_REX\_SCHEDULED\_HR and CMC\_REX\_SCHEDULED\_HR in table OFCENG control REx test scheduling. This is scheduling on the central control (CC) and central message controller (CMC) separately.

You also can perform REx tests manually. Office parameter NODEREXCONTROL does not affect manual REx tests.

### LCM and LCMCOV REx tests

In NA004 and up, the LCM REX Controller Enhancement feature eliminates the compatibility problems between the XPM REx test and line concentrating module (LCM) REx tests. This feature migrates the LCM REx test from the LCM node audit process to the system REX (SREX) controller. Another name for the SREX controller is the REX scheduler. The LCM continuity and voltage (COV) tests performed on the power converter and ringing generator packs are removed from the LCM REx test. The LCM COV test is a separate test, the LCMCOV REx test.

Before, the LCM REX Controller Enhancement feature:

- the node audit process coordinated LCM REx tests
- office parameter LCDREX\_CONTROL in table OFCVAR specified REx test start and stop times

Now, with the LCM REX Controller Enhancement feature:

- the SREX controller coordinates LCM REx testing
- the SREX office parameter uses NODEREXCONTROL instead of office parameter LCDREX\_CONTROL

## NODEREXCONTROL (continued)

---

**Note:** For more information on the LCM REX Controller Enhancement feature, refer to "LCM REX Controller Enhancement" in the BAS translations section of this document.

### REx test sequence

Automatic REX tests occur every 24 hours during the time interval specified by fields REXSTART and REXSTOP. The name of this interval is the *REX test window*.

At the start time, REX test routines initiate automatically in the following sequence:

1. MS REX test (approximately 15 min for each plane for a total of 30 min)
2. CM REX test (approximately 15 min for each plane for a total of 30 min)
3. ENET REX test:
  - 1 shelf ENET - 5 min
  - 2 shelf ENET - 12 min
  - 4 shelf ENET - 26 min
4. LIM REX test (approximately 15 min for each plane for a total of 30 min if site has LIMs)

**Note:** The tests of LIMs occur in sequence. The LIM REX test can run in parallel with the CM REX or ENET REX tests.

After these REX tests, during the time left in the REX test window, tests of the XPMs in the office occur in sequence. Tests of both units of an XPM occur before the tests of the next XPM. Each XPM REX test takes approximately 10 min to complete.

If all XPMs are not tested before the time in the REX test window expires, the REX tests of the following day run. These tests start with front-end REX tests. These tests continue with the test of the next XPM not tested during the REX tests of the previous day. When the last XPM test is complete, the XPM REX test routine cycles back to the top of the XPM list. The test continues within the allocated window.

### REx test activation

Office parameter NODEREXCONTROL contains three fields: REXON, REXSTART, and REXSTOP.

- Field REXON specifies if the REX test scheduling mechanism activates or deactivates for REX tests that are not critical. If you set field REXON to N (no), the REX test scheduling mechanism deactivates for XPMs. The REX

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**NODEREXCONTROL** (continued)
 

---

test scheduling mechanism continues for front-end testing (critical REX tests). If field REXON is at default value Y (yes), the XPM REX test scheduling mechanism activates for all REX testing. Even if you set field REXON to N, the front-end (critical) REX tests will run.

- Field REXSTART defines the time for the start of the REX test mechanism in hours (0 to 23) and minutes (0 to 59). The default value is 1 30 (1:30 a.m.).
- Field REXSTOP defines the time that the REX test mechanism stops in hours (0 to 23) and minutes (0 to 59). The default value is 3 30 (3:30 a.m.).

The REX scheduler activates in less than 5 s after you set field REXON to Y. The current clock time must be between the start and stop times specified.

A change from a REXON value of Y to N takes place immediately and does not require restart activation. If you set REXON to N, any REX test that is not critical already in progress runs to completion. The next REX test that is not critical does not start. The test will not start, even if time remains in the REX test window. Automated REX tests that are not critical will not activate until you set field REXON back to Y.

The scheduler selects XPMs for REX tests between the specified start and stop times. The last XPM REX test can start exactly at the end of the REX test window and run to completion. The REX test can run for several minutes after the time entered in field REXSTOP.

The automatic REX test that this parameter provides runs daily. The REX test start and stop times can change on a day when a test already ran. If this condition occurs, the time change will take effect the following day. If the XPMs require a second REX test, you can perform a manual REX test. If you perform a manual REX test, a delay occurs before the next automatic REX test. For example, the next automatic REX test occurs at 2:00 a.m. on Thursday if conditions occur as follows:

- the daily automatic REX test performs at 2:00 a.m. on a Tuesday
- you perform a manual REX test at 7:00 a.m. on the same Tuesday

To exclude specified XPMs from the REX test schedule under special conditions, enter datafill in table REXSCHED. Introduce these XPMs back into the REX test schedule as soon as possible.

## Logs

If you set field REXON to N, the system generates log IOAU112 daily at the start time the field REXSTART specifies. If field REXSTART, field

## **NODEREXCONTROL** (continued)

---

REXSTOP, or both fields change, the system generates a IOAU112 log that indicates the following:

You will find REX Scheduler control parameters changed.

### **REx test scheduling**

The SREX controller schedules REX tests in the office according to the value of office parameter NODEREXCONTROL in table OFCVAR. This parameter contains the start and stop times for the REX test window. This parameter also can disable all REX tests that are not critical.

At the start of the test window, the SREX controller generates an internal list of objects on which the SREX controller will perform REX tests. This list consists of objects on which the SREX controller enabled both the REX test and the class. The SREX sorts this list so that all objects that require critical tests are at the top of the list. Objects that have not had tests for longer intervals are higher on the list. The SREX controller can generate a different list every day. The CM, MS, and ENET tests are the only critical tests. These tests always appear at the top of the list. These tests can appear in an order different than listed here.

The SREX controller chooses one object at a time from the top of the list and initiates REX tests on that object. The SREX controller continues to start REX tests on objects on the list. The SREX controller continues as long as the tests do not conflict with the tests that are already in progress. The process continues until the process reaches the maximum number of tests in parallel. The current maximum setting is 50 tests. The SREX controller also introduces a 30-s delay between the beginning of two consecutive tests.

Tests of all of the peripherals can take several days. The amount of time these tests require depend on the time for REX tests and the number and variety of XPMs. Run the REX tests on each peripheral a minimum of one time a week for reasons of integrity and reliability. Activate REX tests, field REXON set to Y, in all offices.

Schedule automated REX tests for periods of low switch traffic. Stagger automated REX tests for signal transfer points (STP) and signal control points (SCP) in the network, so that two mate offices do not run REX tests at the same time.

### **Rules in provisioning**

The following table lists approximate REX test times for different XPM types. Use these times, to estimate the number of XPMs that the SREX will test in

**NODEREXCONTROL** (continued)

the REX scheduler times. With this information you can calculate the time to test all the XPMs in the switching unit.

The test time in the table for a node type provides an indication of total time for nodes of this type. Adjust the size of the REx test window to achieve the required rate.

<b>XPM test type</b>	<b>Approximate time required for REx test (minutes)</b>
Line group controller (LGC)	10
Line trunk controller (LTC)	10
Digital trunk controller (DTC)	10
International line group controller (ILGC)	12
International line trunk controller (ILTC)	12
International digital trunk controller (IDTC)	12
Austrian digital trunk controller (ADTC)	15
Link interface module (LIM)	30
Offshore digital trunk controller (ODTC)	15
Subscriber carrier module-100 rural (SMR)	15
Subscriber carrier module-100S (SMS)	15
Subscriber carrier module-100 urban (SMU)	15
Message switch and buffer 6 (MSB6)	12
Message switch and buffer 7 (MSB7)	10
Remote cluster controller (RCC)	12
Line concentrating module (LCM)	8
Line concentrating module continuity and voltage test (LCMCOV)	2

**NODEREXCONTROL** (continued)**Example**

Assume the times for each frame listed in the table. A switching unit has 10 LTCs, 20 LGCs, 20 DTCs, and 4 RCCs. The total time to perform REx testing on these units is as follows:

$$(10 \times 10) + (20 \times 10) + (20 \times 10) + (4 \times 12) = 548 \text{ min} = 9 \text{ h } 8 \text{ min.}$$

The following table shows the values for fields REXSTART and REXSTOP to achieve coverage in 4, 5, and 55 days.

**REx test coverage rates**

REXSTART (hours/minutes)	REXSTOP (hours/minutes)	Window (hours/minutes)	Days to complete coverage
1 30	4 00	2 30	4
1 30	3 30	2 00	5
1 30	1 40	0 10	55

**Range information**

Minimum	Maximum	Default
		Y 1 30 3 30

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.



---

**NODEREXCONTROL** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****NA004**

The following changes occurred in NA004:

- In agreement with feature AF5898, LCM REX Controller Enhancement, this release removed reference to office parameter LCDREX\_CONTROL used for LCM REX tests. This reference occurred in the "Functional description" section.
- Added "LCM and LCMCOV REX tests" subsection under "Functional description."
- Added REX test schedule information under "REX test scheduling."
- Added information on LCM and LCMCOV REX test times to "XPM REX test times" table.

**BCS36**

The delay of an automatic REX test that follows a manual REX test described in the "REX test activation" section.

**BCS22**

This parameter was introduced in BCS22.

## **NON\_DMS\_NAME\_LOOKUP**

---

### **Parameter name**

Non-DMS Name Lookup

### **Functional description**

This parameter specifies if a name lookup occurs in a multi-vendor environment. The parameter specifies if a name lookup occurs for calls from trunks that do not support the name parameter. This parameter specifies this information for an office-wide area. This parameter contains two subfields.

Custom Local Area Signaling Services (CLASS) provide residential customers with expanded features and capabilities. The CLASS CNAMD delivers the name of the calling party to the customer premise equipment (CPE) of the residential subscriber.

Subfield NON\_DMS\_NAME\_LOOKUP\_ACT delivers calling name information on calls from vendors that cannot provide the DMS with calling name information. This subfield allows the system to deploy CNAMD in a multi-vendor environment. The system can deploy CNAMD until switches other than DMS can provide calling name information for a network-wide area.

Subfield PRIV\_NAME\_OPTION provides private name optionality.

### **Rules in provisioning**

This parameter contains the following two subfields:

- NON\_DMS\_NAME\_LOOKUP\_ACT
- PRIV\_NAME\_OPTION

Both subfields are set to N (no) when functional group RES00023 (Calling Name Display Software) is loaded to the office.

Set NON\_DMS\_NAME\_LOOKUP\_ACT to N to indicate that name lookup does not occur.

Set NON\_DMS\_NAME\_LOOKUP\_ACT to Y (yes) for name lookup to occur in table DNATTRS for calls incoming from AISUP and ATUP trunks.

Set PRIV\_NAME\_OPTION to N to indicate that the name supplied from the name lookup continues to display. The name lookup continues to display even with the restricted number display.

---

**NON\_DMS\_NAME\_LOOKUP** (continued)
 

---

Set PRIV\_NAME\_OPTION to Y to indicate that a name lookup does not occur if a directory number cannot display. The name display cannot appear if the system restricts the number display.

### Range information

Minimum	Maximum	Default
		N N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

If NON\_DMS\_NAME\_LOOKUP\_ACT is default value N, an Out of Area indication occurs on interoffice calls from adjacent nodes. The CNAMD subscriber receives this indication on calls that cannot provide calling name information.

If NON\_DMS\_NAME\_LOOKUP\_ACT is Y, the CNAMD subscriber receives the calling name information on these calls. The subscriber receives the this information if the information is in table DNATTRS.

If PRIV\_NAME\_OPTION is N, the name continues to display when the system restricts directory numbers on calls terminating to subscribers with CNAMD.

If PRIV\_NAME\_OPTION is set to Y, the system restricts the name display for restricted originator numbers.

### Memory requirements

This parameter requires 2 words of protected store.

## **NON\_DMS\_NAME\_LOOKUP** (end)

---

### **Dump and restore rules**

This parameter was introduced in BCS31.

Copy the current value of this parameter when you perform a dump and restore.

---

## NPAC204\_THROTTLE

---

**Parameter name**

NPAC204 Log Throttle

**Functional description**

This parameter limits the generation of the NPAC204 log. This log indicates that a multilink reset starts. The system generates the NPAC204 log the first time that a multilink group goes into service. After this event, the system generates the log each time a reset begins after successful transmission of multilink frames.

The system uses this parameter when the reset procedure is not successful. The system generates a log after a number of attempted resets. The value of this parameter specifies the number of reset attempts. When the multilink group resets correctly, the system generates the log at reset time.

The throttle is not applied to the "Far End MLG reset initiated" version of the NPAC204 log.

**Rules in provisioning**

Specify the number of attempted resets that were not successful that occur before the system generates a log.

**Range information**

Minimum	Maximum	Default
0	1024	10

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **NPAC204\_THROTTLE** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## NSS\_DBCP\_TCN\_BLOCK\_CALL

---

**Parameter name**

NSS Database Control Point Travel Card Number (TCN) Block Call

**Functional description**

This parameter specifies if the system must route a call to treatment (blocked) when a problem occurs. If the system does not route the call the system allows the call to proceed as normal. If this parameter is set to N (no) the system allows the call to proceed as normal. If this parameter is set to Y (yes) the system routes the call to treatment.

Examples of problems that affect this parameter are:

- bad connection between the switches
- REJECT is received from the database control point (DBCP) because of a protocol decoding problem
- the wait time for the response expires before the response is received

**Rules in provisioning**

To block calls, set the value of this parameter to Y (yes).

Set the value of this parameter to N (no) to allow calls to proceed when a problem occurs.

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **NSS\_DBCP\_TCN\_BLOCK\_CALL** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS31.



---

## NSS\_DBCP\_TCN\_RESP\_TIMEOUT

---

**Parameter name**

NSS Database Control Point Travel Card Number (TCN) Response Timeout

**Functional description**

This parameter specifies the wait time in seconds for a travel card number (TCN) database control point (DBCP) response message.

**Rules in provisioning**

Set the value of this parameter to the length of time (in seconds) to wait for a TCN DBCP response message.

**Range information**

Minimum	Maximum	Default
1	10	3

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS31.

## NTC\_CALL\_DURATION\_ADJ

---

### Parameter name

Notification of Time and Charge (NTC) Call Duration Adjustment

### Functional description

A DMS-100 switching unit in the Japanese market with the following features requires this parameter:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

This parameter specifies the call duration adjustment for NTC calls.

### Rules in provisioning

To specify the length of time for the call duration adjustment, set the two values. The first value can be from 0 s to 99 s. The second value can be from 0 to 0.99 s.

Use the call duration adjustment to calculate the charged amount of the call. The following formula determines the charged amount:

$$\text{New call duration} = \text{elapsed time in SMDR record} - \text{the value of this parameter}$$

If the result of this adjustment is less than zero, the new call duration is set to zero. The call duration adjustment does not affect the value recorded in the elapsed time field in the SMDR record.

For example, if the real elapsed time is 120.50 s and this parameter is set to a value of 10 50 (10.50 s), calculate the new call duration as follows:

$$\text{New call duration} = 120.50 - 10.50 = 110.0 \text{ s}$$

### Range information

Minimum	Maximum	Default
0 0	99 99	0 0

---

**NTC\_CALL\_DURATION\_ADJ** (end)

---

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If this parameter is set too high, too many calls will have an adjusted call duration of zero, or less than zero. These calls will receive no charge and, as a result, call back attempts cannot occur.

**Verification**

Set the value of this parameter to a value that is not zero. Make an NTC call. Verify that the NTC call back announces the charge amount of the completed call based on the adjusted call duration.

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

## NTC\_CONN\_REATTEMPTS

---

### Parameter name

Notification of Time and Charge Connection Reattempts

### Functional description

A DMS-100 switching unit in the Japanese market requires this parameter if the unit has the following features:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

This parameter specifies the number of NTC connection reattempts that the system makes after a problem causes a connection failure. An enhanced-digital recorded announcement machine (EDRAM) failure is an example of a problem that can cause a connection failure.

### Rules in provisioning

Specify the number of NTC connection reattempts the system makes after a connection failure.

### Range information

Minimum	Maximum	Default
0	4	3

### Activation

Immediate

### Dependencies

Office parameter NTC\_TIME\_BTW\_CONN\_REATTEMPTS in table OFCVAR specifies the amount of time between connection reattempts.

### Consequences

Does not apply

### Verification

To verify the operation of this office parameter, cause an EDRAM failure. Originate and complete a call that activates an NTC feature. The NTC call

---

**NTC\_CONN\_REATTEMPTS** (end)

---

back attempt will fail because of the EDRAM failure. Verify that the number of connection reattempts that follow is equal to the value of this parameter.

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

## NTC\_REATTEMPTS

---

### Parameter name

Notification of Time and Charge Number of Reattempts

### Functional description

A DMS-100 switching unit in the Japanese market requires this parameter if the unit has the following features:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

The system releases the callback if the subscriber does not answer the original callback. This parameter specifies the number of times that the system reattempts an NTC callback.

### Rules in provisioning

Specify the number of NTC callbacks that the system attempts if the subscriber does not answer the original callback.

If the value is 0 (zero), callback reattempts do not occur.

### Range information

Minimum	Maximum	Default
0	4	2

### Activation

Immediate

### Dependencies

Office parameter NTC\_TIME\_BTW\_REATTEMPTS in table OFCVAR the amount of time between callback reattempts.

### Consequences

Does not apply

### Verification

To verify the operation of this parameter, originate and complete a call that activates an NTC feature. Wait for the NTC callback. Do not answer the

---

**NTC\_REATTEMPTS** (end)

---

callback. Verify that the number of ringback reattempts is equal to the value of this parameter.

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

## NTC\_TIME\_BTW\_CONN\_REATTEMPTS

---

### Parameter name

Notification of Time and Change Time Between Connection Reattempts

### Functional description

A DMS-100 switching unit in the Japanese market requires this parameter if the unit has the following features:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

This parameter specifies the amount of time, in seconds, between NTC connection reattempts after a problem causes a connection failure. An enhanced-digital recorded announcement machine (EDRAM) failure is an example of a problem that causes.

### Rules in provisioning

Specify the amount of time between NTC connection reattempts after a connection failure.

### Range information

Minimum	Maximum	Default
0	20	10

### Activation

Immediate

### Dependencies

Office parameter NTC\_CONN\_REATTEMPTS in table OFCVAR specifies the number of NTC connection reattempts that occur after a connection failure.

### Consequences

Does not apply

### Verification

To verify the operation of this office parameter, cause an EDRAM failure. Originate and complete a call that activates an NTC feature. The NTC callback attempt will fail because of the EDRAM failure. Verify that the time



---

**NTC\_TIME\_BTW\_CONN\_REATTEMPTS** (end)

---

between connection reattempts that follow is equal to the value of this parameter.

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

## NTC\_TIME\_BTW\_REATTEMPTS

---

### Parameter name

Notification of Time and Charge Time Between Reattempts

### Functional description

A DMS-100 switching unit in the Japanese market requires this parameter if the unit has the following features:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

This parameter specifies the amount of time, in seconds, between NTC callback reattempts after the NTC subscriber does not answer a callback.

### Rules in provisioning

Specify the amount of time between NTC callback reattempts after the subscriber does not answer a callback.

### Range information

Minimum	Maximum	Default
60	240	120

### Activation

Immediate

### Dependencies

Office parameter NTC\_REATTEMPTS in table OFCVAR specifies the number of NTC callback attempts.

### Consequences

Does not apply

### Verification

To verify the operation of this parameter, originate and complete an NTC feature activation call. Wait for the NTC callback. Do not answer the call back. Verify that the time between ringback reattempts is equal to the value of this parameter.

---

**NTC\_TIME\_BTW\_REATTEMPTS** (end)

---

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

## NTC\_XLATIONS

---

### Parameter name

Notification of Time and Charge Translations

### Functional description

A DMS-100 switching unit in the Japanese market requires this parameter if the unit has the following features:

- Integrated Business Network (IBN) ISDN User Part (ISUP) trunks
- the Notification of Time and Charge (NTC) feature

This parameter specifies the translation system and name that the system uses for the NTC callback.

### Rules in provisioning

This parameter has two fields: XLASYS and XLANAME. Specify the translation system (field XLASYS) and name (field XLANAME) for the system to use for the NTC callback.

Field XLASYS can have value NIL, AC, PX, CT, FA, OFC, DN, AM, FT, CC, NSC, CTY, or NN.

### Range information

Minimum	Maximum	Default
		NIL XLASYS

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

---

**NTC\_XLATIONS** (end)

---

**Verification**

If field XLASYS or XLANAME is set to NIL, the system does not perform NTC callbacks to subscribers over trunks. The system abandons the call back and does not make additional callback attempts.

If field XLASYS and XLANAME have values other than NIL, NTC callback uses the translations system and name defined.

**Memory requirements**

This parameter requires 4 words of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

---

## NUM\_OF\_TGS\_FOR\_PKT\_8\_9\_18\_22

---

### Parameter name

Number of Trunk Groups for Packets 8, 9, 18, and 22

### Functional description

The DMS-100 switch generates 5-minute data to provide the network manager with a current view of how the DMS switch is processing calls. The 5-minute data response message is divided into 25 packets of data.

Telcordia imposed a restriction on the number of trunk groups supported by packets 18 and 22 to avoid a possibility of throughput problems. Therefore, the maximum number of trunk groups supported by packets 18 and 22 has been limited to 200 and 819, respectively. This parameter provides the operating companies with an option to increase the number of trunk groups supported for packets 18 and 22 from 200 and 819 to 250 and 1024, respectively. Since packets 8 and 9 are clones of packets 18 and 22, this office parameter will be used for both packets.

This office parameter has two fields that cause the following actions:

- The first field indicates the maximum number of trunk groups supported by packets 8 and 18. The value range in this field is 199 to 249.
- The second field indicates the maximum number of trunk groups supported by packets 18 and 22. The value range in this field is 818 to 1023.

### Provisioning rules

None

### Range information

The range information is as follows:

Minimum	Maximum	Default
199	249	249
818	1023	1023

### Activation

Change activation is immediate. No restart or any other manual action is required to activate a parameter change.

## Requirements

None

## Results

Changing the values in this parameter increases or reduces the limits on the number of trunk groups supported by packets 18 and 22.

## Testing

At the MAP level, issue the following command to verify the value of the office parameter:

```
>TABLE OFCVAR; POS NUM_OF_TGS_FOR_PKT_8_9_18_22
```

## Memory requirements

Not applicable

## Dump and restore rules

Not applicable

## Parameter history

### NA017

The CHN\_NUM\_OF\_TGS\_FOR\_PKT\_18\_22 was renamed to NUM\_OF\_TGS\_FOR\_PKT\_8\_9\_18\_22 based on feature 59035900 to include packets 8 and 9.

### NA014

The CHN\_NUM\_OF\_TGS\_FOR\_PKT\_18\_22 parameter was introduced.

---

## NUM\_REV\_EXT\_BLOCK

---

### Parameter name

Number of Reverse Charging Extension Blocks

### Functional description

This office parameter indicates the maximum number of extension blocks that can be allocated simultaneously for REV service. The extension blocks are used to store data related to REV service.

The extension block is held from the time REV service is invoked, until the call is taken down.

### Provisioning rules

The default value of this office parameter indicates the maximum number of subscribers in the exchange that can activate REV service simultaneously.

### Range information

The range information is as follows:

Minimum	Maximum	Default
0	100	0

### Activation

Immediate

### Requirements

None

### Results

If this parameter is overprovisioned, some data store allocated is not used. If this parameter is underprovisioned, some subscribers can not activate REV service when no extension blocks are available.

### Testing

Not applicable.

### Memory requirements

Not applicable.



**Dump and restore rules**

Not applicable.

**Parameter history**

This parameter was created in WT15.

## OCCTS\_DEFAULT\_REG\_LOG

---

### Parameter name

OCCTS Default Register Log

### Functional description

This parameter allows you to turn the Equal Access Traffic Separation Measurement System (EATSMS) information log on or off.

### Rules in provisioning

This parameter has four fields. These field values control the four event types in EATSMS. From left to right the four fields represent peg, overflow, setup usage and connect usage. These values are in an EATS100 log report as TSPEG, TSOVFL, TSSETUP, and TSCONNECT.

If one or more of these fields is set to Y, that event type produces a log report.

### Range information

Minimum	Maximum	Default
		N N N N

### Activation

Immediate

### Dependencies

Only turn on this report after the EATSMS data entry is complete.

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

---

**OCCTS\_DEFAULT\_REG\_LOG** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS16.

## OM\_SOURCE\_IDENTIFICATION

---

### Parameter name

Operational Measurements Source Identification

### Functional description

This parameter enables or disables the ability to display the source node on which Operational Measurements (OM) reports collected an OM tuple.

### Rules in provisioning

In order to set OM\_SOURCE\_IDENTIFICATION to ON, the parameter OMDISTRIBUTION in table OFCOPT must be ON also.

*Note:* In the UK market, this parameter is always set to OFF. Do not enter datafill into parameter OMDISTRIBUTION.

### Range information

The range of values for this parameter are ON or OFF. The parameter value is set to OFF when the feature is not active. If the OM system disables the source name reporting capability, the distributed OM system generates OM reports. The OM reports are like those reports in the original system.

Minimum	Maximum	Default
		Off

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

---

**OM\_SOURCE\_IDENTIFICATION** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore from software release BCS30 to BCS30 or higher.

**Parameter history****UK002**

This parameter is always set to OFF in the UK market.

**BCS30**

This parameter was introduced in BCS30.

## ORIG\_ARTER\_FREQUENCY

---

### Parameter name

Originating ARTER Frequency

### Functional description

Switching units in Turkey that require the ARTER trunk testing feature require this parameter. Switching units in North America do not require this parameter.

The name ARTER describes equipment for automatic transmission testing of outgoing trunks in the Turkish network.

The ARTER system works with type 6805 units in distant offices that provide the 804 Hz reference frequency and the quiet termination. There are two types of 6805 units, one for two-wire switches and one for four-wire switches.

This feature provides a DMS switch equivalent to the ARTER function for the following switching units in Turkey:

- the DMS-200 (toll) switching unit
- the DMS-100 (local) switching unit
- the DMS-300 (gateway) switching unit

The value of this parameter indicates the following:

- the frequency of test tone to expect from the distant office
- the frequency of test tone to generate on the transmit path in the loop-around section of the test sequence
- the frequency of test tone to expect on the receive path in the loop-around section of the test sequence

Enter the test name TART in table ATTSCHED for ARTER tests.

### Rules in provisioning

Set the value of this parameter to the same value as the value of parameter TERM\_ARTER\_FREQUENCY in one of the following tables:

- the table OFCVAR
- the equivalent table in the terminating office

---

**ORIG\_ARTER\_FREQUENCY** (end)

---

**Range information**

Minimum	Maximum	Default
400	2800	804

**Activation**

Immediate

**Dependencies**

The testline line number for the ARTER testline test is in the subtable TLNOS of table TSTLCONT.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS17.

## ORIG\_ARTER\_LEVEL

---

### Parameter name

Originating ARTER Level

### Functional description

Switching units in Turkey that require the ARTER trunk test feature require this parameter. Switching units in North America require this parameter.

The name ARTER describes equipment for automatic transmission tests of outgoing trunks in the Turkish network.

The ARTER system works with type 6805 units in distant offices that provide the 804 Hz reference frequency and the quiet termination. There are two types of 6805 units, one for two-wire switches and one for four-wire switches.

This feature provides a DMS switch equivalent to the ARTER function for the following switching units in Turkey:

- the DMS-200 (toll) switching unit
- the DMS-100 (local) switching unit
- the DMS-300 (gateway) switching unit

During the loop-around section of the four-wire test sequence, the originating ARTER generates a test tone. This parameter specifies the level at which originating ARTER must generate the test tone.

The test name TART must be in table ATTSCHEd for ARTER tests.

### Rules in provisioning

Set the value of this parameter to the same value as the value of parameter TERM\_ARTER\_FREQUENCY in one of the following tables:

- the table OFCVAR
- the equivalent table in the terminating office

### Range information

Minimum	Maximum	Default
10	10	0



---

**ORIG\_ARTER\_LEVEL** (end)

---

**Activation**

Immediate

**Dependencies**

The testline number for the ARTER testline test is in the subtable TLNOS of table TSTLCONT.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS17.

## **ORIG\_INCREASE\_SPM**

---

### **Parameter name**

Originating Increase Subscribers Private Metering

### **Functional description**

A local world switch (international switching unit) requires this parameter. This parameter specifies if the lines have the Subscribers Private Metering (SPM) feature.

### **Rules in provisioning**

If the value of this parameter is set to Y (yes), the system meters lines originated through MONTALK. Command ORIG at the LTPLTA level of LNS MAP originates a line through MONTALK.

If this feature is not required, leave the value of this parameter at the default.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Verify that the SPM increases when conditions occur as follows:

- the value of this parameter is set to Y
- the international line originates through MONTALK

### **Memory requirements**

This parameter does not impact memory.

**ORIG\_INCREASE\_SPM** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS21.

---

## PACKET\_QOS\_OM\_THRESHOLDS

---

### Parameter name

Packet Quality of Service Operational Measurement Thresholds

### Functional description

This parameter defines the threshold values used for pegging QOS statistics on GWC based trunk groups. In addition, the parameter allows the QOS reporting threshold feature to be enabled or disabled.

### Provisioning rules

To activate the QOS OM pegging feature for GWC based trunk groups, set the enabled value to Y and specify the thresholds for jitter, packet loss, and delay.

### Range information

Thresholds for jitter and delay are set in millisecond (ms) units.

The packet loss threshold can be set in the range 0% to 9.999999%. This is achieved by setting a value for LOSS (whole) in the range 0 to 9, and a value for LOSS (fraction) in the range 0 to 999999.

	Minimum	Maximum	Default
ENABLED	Y/N	Y/N	N
JITTER	0	100	100
DELAY	0	500	500
LOSS (whole)	0	9	9
LOSS (fraction)	0	999999	999999

### Activation

Immediate

### Requirements

GWC09 or later GWC load.

### Results

If the thresholds are set to the minimum values, the TRKQOSOM group may experience a high volume of OM pegs during the 15 minute reporting interval. If the network QOS is such that the thresholds are exceeded on numerous calls, this will result in additional messaging from GWC to CM which could impact overall call capacity.

## **PACKET\_QOS\_OM\_THRESHOLDS** (end)

---

### **Testing**

To verify parameter is set and working, access the GWC PMDEBUG>OQS>THR level on a GWC hosting TDM trunks. Execute the query command. Verify that the data presented agrees with the OFCVAR setting.

### **Memory requirements**

Not applicable

### **Dump and restore rules**

Not applicable

### **Parameter history**

#### **SN06 (DMS)**

Feature A89007725 introduced office parameter PACKET\_QOS\_OM\_THRESHOLDS.

## **PER\_CALL\_GND\_LOOP\_TEST**

---

### **Parameter name**

Per Call Ground Start Line Loop Test

### **Functional description**

Switching units with ground start lines require this parameter. This parameter specifies if the per call loop tests occur for each call on ground start lines. These tests stop the possibility of glare and failure on ground start lines. To stop these problems, the tests make sure that the peripheral module (PM) checks the line status. The PM that supports the line before the application of ringing voltage checks the line status.

### **Rules in provisioning**

If the value of this parameter is set to Y (yes), the system performs the tests. The tests do not occur on loop start lines.

If the value of this parameter is set to N (no), the system does not perform the tests.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

---

**PER\_CALL\_GND\_LOOP\_TEST** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## **PER\_OPC\_LOGDEV\_BUFFER\_SIZE**

---

### **Parameter name**

Per Operational Controller Logical Device Buffer Size

### **Functional description**

A SuperNode switching unit requires this parameter. This parameter determines the size of the buffer, in bytes, assigned to the operational controller (OC) logical device `opc_logdev02`.

### **Rules in provisioning**

Specify the size of the buffer, in bytes, assigned to the OC logical device `opc_logdev02`.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
2000	22000	22000

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

A change to the value of this parameter causes the loss of the logs that the buffers already stored.

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 2 bytes of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.



---

**PER\_OPC\_LOGDEV\_BUFFER\_SIZE** (end)

---

**Parameter history**

**BCS36**

This parameter was introduced in BCS36.

## PERFORMANCE

---

### Parameter name

Performance

### Functional description

This parameter appears in a local switching unit. This parameter specifies the minor, major and critical alarm thresholds for line performance at the line card P. If the number of P failures equals or is greater than an alarm threshold, the related alarm is raised.

### Rules in provisioning

Base the alarm thresholds on the following:

- the current switching unit failure problems
- the desire or lack of desire for notification for these failures

The default values are as follows:

- 100 for the minor alarm threshold
- 150 for the major alarm threshold
- 200 for the critical alarm threshold

These values are standard line failure threshold values.

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

### Activation

Use only the ALMSTAT command at the LTP MAP level to change this parameter. When the ALMSTAT command changes the value, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

## Consequences

When the values of this parameter are too high, alarms are not raised at the correct time for service degradation. For example, if the minor threshold is set to 80% of the switching unit lines, the alarm is not raised. The alarm is not raised even if 75% of the lines in the switching unit experience degraded service.

When the values of this parameter are too low, the alarm is raised before warranted.

## Verification

Insert pulses on the line card to degrade the performance of the line card. This action causes a failure to occur. Set the minor threshold to 1, then the alarm is raised. Increase the minor alarm threshold to 10 and the alarm disappears. Decrease the minor alarm threshold to 1 again and the alarm is raised again. Use major and critical alarm values to repeat this sequence.

## Memory requirements

These parameter values require 1 word of memory.

## Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

## Parameter history

This parameter was introduced in BCS28.

## PMSTAT\_OM\_CONTROL

---

### Parameter name

PMSTAT Operational Measurement Control

### Functional description

This parameter enables or disables the polling of PMSTAT operational measurement (OM) data from expanded memory line concentration modules (XLCM) through the XMS-based peripheral modules (XPM).

If the parameter value changes, data immediately transmits to all XPM peripherals with subtending XLCMs in one of the following states:

- in-service trouble (ISTB)
- in-service (INSV)

The message "Polling Activated" or "Polling Deactivated" appears at the MAP display. Data transmits to the XPM peripherals during the return to service (RTS) action if the XPM in one of the following states:

- out of service (OOS)
- manually busy (MANB)

### Rules in provisioning

Set the value of this parameter to Y (yes) to enable data collection for the PMSTAT OM group.

Set the value of this parameter to N (no) to disable data collection for the PMSTAT OM group.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Refer to the *Operational Measurements Reference Manual* for a description of OM group PMSTAT.

---

**PMSTAT\_OM\_CONTROL** (end)

---

**Consequences**

Does not apply

**Verification**

At the MAP, enter the command OMSHOW PMSTAT ACTIVE.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS35.

## POTS\_SIMULATE\_1A

---

### Parameter name

Plain Ordinary Telephone Service Simulate 1AESS

### Functional description

This parameter forces central office plain ordinary telephone service (POTS) lines to behave as 1AESS lines instead of DMS-100 lines.

This office parameter only affects the interaction between Call Forward Do Not Answer (CFD/CFDA/CFGD/CFGDA) and Call Waiting (CWT). This parameter allows the DMS-100 switch to emulate this interaction in a 1AESS switch.

### Rules in provisioning

To allow all POTS lines in the office to behave like DMS switch lines, set the parameter value to N (no)

To allow POTS lines with CFD to behave like 1A lines with CFD, set the parameter value to Y (yes) .

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

---

**POTS\_SIMULATE\_1A** (end)

---

**Verification**

To verify that POTS\_SIMULATE\_1A works, perform the following actions:

- set the value to Y
- allow a call to forward to a busy remote with CWT, through CFD (from a POTS line)
- verify that the call does not forward and that the base continues to ring

**Memory requirements**

Each unit requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS32.

## PRE\_ROUTE\_ABANDON\_TRK116\_LOG

---

### Parameter name

Pre-route Abandon TRK116 Log

### Functional description

This parameter enables or disables the output of pre-route abandon TRK116 logs. These logs occur when a trunk is seized but the subscriber does not dial digits. Excessive logs can be the result of timing problems that occur on two different switches.

This parameter is for use with Traffic Operator Position System (TOPS) multifrequency (MF) trunks. This parameter suppresses TRK116 logs for some TOPS offices, when fields have values as follows:

- TRBCODE equals PRE\_ROUTE\_ABANDON
- CLDKP equals NIL\_MF\_KP
- CLDST equals NIL\_MF\_ST

### Rules in provisioning

The office can set the parameter value to N (no) if an office experiences an excessive number of TRK116 logs. These logs contain the following:

- pre-route abandon reasons
- NIL\_KP/NIL\_ST

The parameter value is set to value Y (yes) when the feature is not active.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply



---

**PRE\_ROUTE\_ABANDON\_TRK116\_LOG** (end)

---

**Consequences**

A parameter setting of N can mask a real problem with trunks that are improperly seized. This condition can cause the office to overengineer trunk and receiver resources.

**Verification**

If this parameter is set to value N, TRK116 logs must not have either of the following:

- a TRKCODE of PRE\_ROUTE\_ABANDONED CLDKP and NIL\_KP
- a CLDST of NIL\_MF\_ST

**Memory requirements**

Each unit requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****BCS31**

This parameter was introduced in BCS31.

---

## PRI\_TERM\_OVERRIDE\_PI

---

**Parameter name**

PRI Termination Override PI

**Functional description**

When a call originates from an SS7 trunk and terminates on a PRI trunk, and the call is billed to the call party (i.e. the called number is a toll free number), the CLID is not delivered to the PBX. This parameter signals the software to override normal presentation rules concerning PRI terminated calls. The charge number is passed as the calling number if the charge number and calling party number are different or if the calling party number is not presented.

**Provisioning rules**

None

**Range information**

The range of the PRI\_TERM\_OVERRIDE\_PI parameter is shown in the table that follows.

Value range	Default
N or Y	N

**Activation**

Immediate

**Requirements**

None

**Results**

Not applicable

**Testing**

Not applicable.

**Memory requirements**

Not applicable

**Dump and restore rules**

Not applicable.

## **Parameter history**

### **CSP16**

The PRI\_TERM\_OVERRIDE\_PI parameter is introduced..

## PRINTOUT\_OF\_CALLS

---

### Parameter name

Printout Of Calls

### Functional description

A DMS-300 switch requires this parameter. This parameter controls if the system places a copy of call detail recording (CDR) entries in the appropriate CDRC log.

### Rules in provisioning

If the value of this parameter is set to Y (yes), the system places all CDR entries in the CDRC log.

If the value of this parameter is set to N (no), the system does not place entries in the CDRC log.

Northern Telecom sets this parameter. Consult Northern Telecom before you change this parameter.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

**PRINTOUT\_OF\_CALLS** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## PROMPT\_HUNT\_MEM\_LCC

---

### Parameter name

Prompt Hunt Member Line Class Code

### Functional description

This parameter activates the hunt member line class code (LCC) prompt in offices that use the Service Order Simplification for Hunt Groups feature.

### Rules in provisioning

To activate the hunt member LCC prompt, set the value of this parameter to Y (yes). This value activates the prompt in the ADD and EST commands of the SERVORD.

If you do not require this feature, leave the value of this parameter at the default N (no).

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

## **PROMPT\_HUNT\_MEM\_LCC** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS31.

## PSPDALARM

---

### Parameter name

Permanent Signal Partial Dial Alarm

### Functional description

This parameter is the permanent signal partial dial failure flag. A counter and three threshold levels (minor, major, and critical) are present for the failure type.

An alarm condition occurs if one or more of the failure counters exceeds one of the threshold levels.

### Rules in provisioning

Specify the alarm threshold levels for permanent signal partial dial failures. For example, the default value of 10 20 30 represents the following failure thresholds:

- a minor alarm threshold of 10 failures
- a major alarm threshold of 20 failures
- a critical alarm threshold of 30 failures

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	10 20 30

### Activation

Use only the ALMSTAT command at the LTP MAP level to change the parameter value. When the ALMSTAT command changes the value, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

### Consequences

Does not apply



**PSPDALARM** (end)

---

**Verification**

Does not apply

**Memory requirements**

These parameter values require 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## QDIAGALARM

---

### Parameter name

Shower Queue Diagnostic Alarm

### Functional description

A local, SL100 or Austrian local switching unit requires this parameter. This parameter specifies the alarm thresholds for the number of lines in the shower queue. When the number of lines exceed the thresholds the system raises a minor, major or critical alarm.

An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the AIMSTAT command at the LTP MAP level.

### Rules in provisioning

Specify the alarm thresholds for the number of lines in the shower queue. For example, the default value of 100 150 200 represents the following alarm thresholds:

- a minor alarm threshold of 100 failures
- a major alarm threshold of 150 failures
- a critical alarm threshold of 200 failures

If you do not require this feature, set the parameter values to 32001 32002 32002.

### Range information

Minimum	Maximum	Default
0	32767	100 150 200

### Activation

Use only the ALMSTAT command at the LTP MAP level to change this parameter value. When the ALMSTAT command changes the value, the system updates all current alarms to reflect the failures with the new values.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

These parameter values require 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## R2\_ANI\_DENY

---

### Parameter name

R2 Automatic Number Identification Deny

### Functional description

Before BCS30, automatic number identification (ANI) information was only given on R2 trunks that had a traffic class of Centralized Automatic Message Accounting (CAMA). The system treated a request for ANI for any other traffic classes as an error.

This parameter allows the transmission of ANI information for any traffic class, as requested. If a call over R2 trunks terminates on a line with the malicious call trace (MCT) option, a request for ANI always occurs.

### Rules in provisioning

A parameter value of Y (yes) denies ANI information to R2 trunks with a traffic class other than CAMA or TNCA.

A parameter value of default N (no) allows transmission of ANI information for all traffic class requests over R2 trunks.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS30.

## RAG\_QUE\_LEN

---

### Parameter name

International Ring Again Queue Length

### Functional description

A switching unit (international) with universal translations and the International Ring Again (IRAG) requires this feature. This parameter specifies the size of the IRAG recall queue length.

This feature provides administration with the ability to restrict the number of IRAG requests in a switching unit.

The maximum number of Ring Again (RAG) requests allowed in the queue for a busy line determines the value of this parameter.

### Rules in provisioning

Determine if the number of IRAG requests the system can queue against a line is less than the default value of eight. If the number is less than eight, enter the maximum RAG requests the system can queue against a busy line.

### Range information

Minimum	Maximum	Default
0	8	8

### Activation

Immediate

### Dependencies

Parameter RAG\_RECALL\_TIMEOUT in table OFCVAR also associates with the IRAG feature.

This feature affects the value of the value of the following parameters in table OFCENG.

- FTRQAGENTS
- FTRQ2WAREAS
- FTRQ8WAREAS

---

**RAG\_QUE\_LEN** (end)

---

- NO\_OF\_FTR\_CONTROL\_BLOCKS
- NO\_OF\_FTR\_DATA\_BLOCKS

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS25**

This parameter was introduced in BCS25.

## RAG\_RECALL\_TIMEOUT

---

### Parameter name

International Ring Again Recall Timeout

### Functional description

A switching unit (international) with universal translations. The International Ring Again (IRAG) feature requires this parameter. The parameter specifies the time in 1 s intervals for the Ring Again (RAG) interval timer.

Consider two users, A and B. User A dials User B and receives a busy signal. User A activates the IRAG feature against the line of User B. When the line of User B becomes idle, an IRAG recall signal alerts the line of User A, with special ringing. At this point an interval timer begins. The system aborts the IRAG request if the timer expires. If a recall is not possible because the line of User A is busy, the system redirects the IRAG request until both lines are idle.

### Rules in provisioning

If the timeout exceeds 8 s, enter the time in 1 s intervals for the timeout of the interval timer.

### Range information

Minimum	Maximum	Default
8	32	8

### Activation

Immediate

### Dependencies

Parameter RAG\_QUE\_LEN in table OFCVAR associates with the IRAG feature. For other parameters this feature affects, see parameter RAG\_QUE\_LEN in table OFCVAR.

### Consequences

Does not apply

### Verification

Does not apply



---

## **RAG\_RECALL\_TIMEOUT** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS25**

This parameter was introduced in BCS25.

## **RATING\_SMALLEST\_COIN**

---

### **Parameter name**

Rating Smallest Coin

### **Functional description**

A toll switching unit (international) with universal translations and the International Traffic Operator Position System (ITOPS) require this parameter. This parameter specifies the lowest coin value that coin telephones use.

Coin lines rounded to the nearest unit are handled in a different way than lines that do not use coins. The system handles lines in a different way. The lowest coin value of a coin telephone may differ from the smallest value for charges.

For example, charges are based on the penny. The lowest coin value available for use in a coin telephone is a 5 pence. In this occurrence, the 5 pence is used for all coin telephones and the penny is used for all other telephones.

### **Rules in provisioning**

Specify the lowest coin value that is available for use in a coin telephone.

For example, if the lowest coin value a coin telephone uses is 5 pence, the value would be 5.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
1	10000	1

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Does not apply

---

**RATING\_SMALLEST\_COIN** (end)

---

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS27**

This parameter was introduced in BCS27.

## RECORD\_CLG\_NPA\_NXX

---

### Parameter name

Record Calling Numbering Plan Area And Originating Number

### Functional description

Operators do not handle Traffic Operator Position System (TOPS) and Centralized Automatic Message Accounting (CAMA) calls and use this parameter. This parameter generates an originating numbering plan area (NPA) and originating number (NXX) fields for some types of Automatic Message Accounting (AMA) records. The NPA and NNX of some AMA records generate when no calling number is present.

### Rules in provisioning

Specify the incoming call types and determine if these calls are impacted. The impacted call types are found in the following list:

- DEFAULT\_REC
- TOPS\_REC
- CAMA\_REC
- TOPS\_AND\_CAMA\_REC

If this parameter value is set to DEFAULT\_REC, this feature is not activated.

### Range information

Minimum	Maximum	Default
		DEFAULT_REC

### Activation

Immediate

### Dependencies

For calls that originate from TOPS trunks, the NPA and NXX are taken from table TOPSBC based on the incoming trunk group.

For calls that originate from SuperCama (SC) trunks, the NPA and NXX are taken from table BILLCODE based on the incoming trunk group.

---

**RECORD\_CLG\_NPA\_NXX** (end)

---

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS29**

This parameter was introduced in BCS29.

## **RECORD\_UNANSWERED\_CALLS**

---

### **Parameter name**

Record Unanswered Calls

### **Functional description**

Local switching units (international) with universal translations and the International Call Recording (ICR) feature require this parameter. This parameter specifies either the system records calls not charged or not answered with International Centralized Automatic Message Accounting (ICAMA), or Inter-administration Accounting (IAA).

The ICR is the process of recording information about all direct dialed, long distance, national, and international toll calls that are charged. These are calls for selected lines that originate on the DMS-100 international switch.

The ICR feature requires the metering, Automatic Message Accounting (AMA), and Device Independent Recording Package (DIRP) subsystems.

### **Rules in provisioning**

If this parameter is set to the value of Y (yes), all unanswered calls are recorded. Calls that are not charged or calls that end at an FNT line are also recorded. Calls directed to treatment are not recorded.

For unanswered calls, the call start time is the time of origination. The call duration is the time that the call was in the ringing phase.

If the user leaves this parameter at the default value of N (no), the above type of calls are not recorded.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

---

**RECORD\_UNANSWERED\_CALLS** (end)

---

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS21**

This parameter was introduced in BCS21.

---

## REDIRECTION\_FRAMEWORK

---

**Parameter name**

Redirection Framework

**Functional description**

The redirection information framework changes the way in which redirection information is delivered. This office parameter allows the operating company to choose the way they want the redirection information to be delivered.

This office parameter has two values, YES and NO. The default value is YES, indicating that the new redirection information framework has to be used. Setting it to NO will change the redirection information framework to the older one.

**Provisioning rules**

None

**Range information**

The range information is as follows:

Minimum	Maximum	Default
		YES

**Activation**

Immediate

**Requirements**

None

**Results**

No applicable

**Testing**

- 1 Let the REDIRECTION\_FRAMEWORK have the default value of "YES".
- 2 Make a call with the following scenario:  
A-->B(CFW)-->AINSDS1-->AINSDS2-->ISUP Trunk.
- 3 Send the value of SCP based redirection counter in the redirection information parameter in AINSDS1 as '0'.
- 4 The redirection information information in ISUP IAM message will not have information about CFW.



## **REDIRECTION\_FRAMEWORK (end)**

---

- 5 Repeat the above steps with REDIRECTION\_FRAMEWORK having the value "NO".
- 6 The redirection information in ISUP IAM message will have information about CFW.

### **Memory requirements**

Not applicable.

### **Dump and restore rules**

Not applicable.

### **Parameter history**

This parameter was created in SN05.

## **REDUCE\_DIGMAN\_ANS\_DETECTION\_TIME**

---

### **Parameter name**

Reduce digman ans detection time.

### **Functional description**

This parameter controls the duration of time before a stuttered dial tone breaks.

Set this parameter to the value of Y (yes) to assign new values to the variable TEMPLATE. MIN\_DIALTONE\_TIME and DIAL STATUS index the TEMPLATE in order to break the stuttered dial tone after 1.5 s.

If the office parameter is set to the default value N (no), the stuttered dial tone cannot break for 6 s.

### **Rules in provisioning**

To activate this feature, use table control to set the value of this office parameter to the values of Y or N.

If the system allows a break in a stuttered dial tone after 1.5 s, set this parameter to the value of Y.

If the system does not allow a break in a stuttered dial tone after 1.5 s, set this parameter to the default value N

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

If this office parameter is not used, patch GWR48 cannot receive the option control.

---

**REDUCE\_DIGMAN\_ANS\_DETECTION\_TIME** (end)

---

**Verification**

Does not apply

**Memory requirements**

This office parameter requires 1 byte of protected data store (DSPROT).

**Dump and restore rules**

Before the introduction of this office parameter, ACT patch GWR48 provided this functionality. When a site goes from a load with ACT patch GWR48 to a load with this office parameter, query the ACT state of ACT patch GWR48. Adjust the value of this office parameter. If ACT patch GWR48 is active in the previous load, set the value of office parameter REDUCE\_DIGMAN\_ANS\_DETECTION\_TIME to the value of Y. If the ACT patch GWR48 is not active, leave the value of this parameter set to the default value N.

**Parameter history****NA007**

This parameter was introduced in NA007.

## RES\_CHK\_OOS

---

### Parameter name

Residential Line Check Out of Service

### Functional description

The office parameter RES\_CHK\_OOS provides controlled access to changing a RES line's network class of service (NCOS) in table LINEATTR. This activity supports feature AU2503 - RES Translations Simplification. This feature allows the operating company to change the NCOS value in table LINEATTR for a RES line without taking the line out of service.

### Provisioning rules

None

### Range information

Minimum	Maximum	Default
Y	N	Y

### Activation

Immediate

### Dependencies

None

### Consequences

This feature allows the operating company to change the NCOS value in table LINEATTR for a RES line without taking the line out of service. Office parameter RES\_CHK\_OOS should be set to N only during the transition to the new RES schema.



#### **CAUTION**

##### **Possible accidental change to NCOS value**

The NCOS value in table LINEATTR can be changed inadvertently if the office parameter RES\_CHK\_OOS is set to the N value. Set this parameter to the N value only when making a transition to the new RES schema.

---

**RES\_CHK\_OOS** (end)

---

**Verification**

With RES\_CHK\_OOS = Y, maintenance personnel cannot modify the NCOS value in a LINEATTR tuple. With RES\_CHK\_OOS =N, maintenance personnel can modify the NCOS of a LINEATTR tuple while the RES lines that use that LINEATTR tuple are in service.

**Memory requirements**

None

**Dump and restore rules**

None

**Parameter history****NA009**

This parameter was introduced in NA009 as part of the Cost of Ownership Reduction feature. Corrected typos in June 1999.

## RES\_CMSG\_ACCESS\_AND\_ERROR\_TMT

---

### Parameter name

Residential Call Messenger Access and Error Treatment

### Functional description

Call Messenger is enabled and error treatment specified in office parameter RES\_CMSG\_ACCESS\_AND\_ERROR\_TMT in table OFCVAR. The following table describes the entry for the Call Messenger office parameter.

### Rules in provisioning

Does not apply

### Range information

#### RES\_CMSG\_ACCESS\_AND\_ERROR\_TMT

Field name	Value	Description
ACCESS	OFF or UNIVERSAL	A value of UNIVERSAL specifies the feature is universally available in the end office. A value of OFF disables the feature.
ERRTREAT	ANNCLLI <cli> or DMSTREAT <treatment>	This feature distinguishes a Call Messenger error treatment from an error announcement or a DMS standard treatment. A value of ERRTREAT=ANNCLLI along with a CLLI or 1 to 16 alpha-numeric characters specifies the error announcement. A value of ERRTREAT=DMSTREAT along with a treatment name specifies a DMS standard treatment.

### Activation

Does not apply

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

---

**RES\_CMSG\_ACCESS\_AND\_ERROR\_TMT** (end)

---

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

## RES\_SO\_SIMPLIFICATION

---

### Parameter name

Residential Enhanced Services Service Order Simplification

### Functional description

A switching unit with the Enhanced Residential Services software package requires this parameter. This parameter permits consideration of Residential Enhanced Service (RES) lines as plain ordinary telephone service (POTS) lines from service orders (SO).

This parameter consists of two fields: RES\_AS\_POTS and ENHANCED\_POTS\_OPTIONS.

If you set RES\_AS\_POTS to Y (yes), during execution of service order commands ADO, DEO, and CHF, a line can change. The line can change from a POTS line to a RES line or from a RES line to a POTS line.

If you set ENHANCED\_POTS\_OPTIONS to Y, the system introduces the following additional prompts:

- prompt CFDACNTL appears when the user adds the option Call Forwarding Don't Answer CFDA to a line
- prompt CFBLCNTL appears when the user adds the option Call Forwarding Busy CFBL to a line
- prompt FWD\_INTERNAL appears when the user adds the option Call Forwarding Group Don't Answer CFGD to a hunt group pilot

### Rules in provisioning

RES AS POTS remains at the default value of Y when RES lines are considered POTS lines within service orders.

Prompts CFDACNTL, CFBLCNTL, and FWD\_INTERNAL must appear for RES lines. If these prompts do not appear ENHANCE POTS OPTION remains at the default value of N.

Set the value of this parameter to N N, if the above features are not required.



---

**RES\_SO\_SIMPLIFICATION** (end)
 

---

**Range information**

Minimum	Maximum	Default
		Y N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****BCS27**

You will find his parameter introduced in BCS27.

---

## REV\_CALLED\_RESPONSE\_TIMER

---

### Parameter name

Reverse Charging Called Response Timer

### Functional description

This office parameter corresponds to “Wait for REVCalledReqActive response timer” defined in ITU-T Q.736 Clause 3. This timer is started on destination exchange when an ISUP Facility message is sent with REV RO Invoke Component and it’s stopped when ISUP Facility message with REV RO Result Component or REV RO Return Error Component is received from the network. If this timer expires, an ISDN Facility message is sent to the called user with ‘Not Available’ error value; the existing call remains unaffected and the calling user is charged continuously.

### Provisioning rules

This office parameter is datafilled in seconds. The default value of this office parameter indicates the time to wait for an ISUP Facility message with REV RO Result Component or REV RO Return Error Component, when an ISUP Facility message with REV RO Invoke Component has been sent to the network.

### Range information

The range information is as follows:

Minimum	Maximum	Default
0	120	15

### Activation

Immediate

### Requirements

None

### Results

If this office parameter is underprovisioned, the timer may expire before REV RO Return Result Component is received at the destination exchange.

### Testing

Not applicable.

**Memory requirements**

Not applicable.

**Dump and restore rules**

Not applicable.

**Parameter history**

This parameter was created in WT15.

## REVERSE\_DISPLAY\_DISALLOWED

---

### Parameter name

Reverse display disallowed.

### Functional description

This parameter controls the display of the public name of the called party on the display of the calling party.

To engage this parameter, set this parameter to the value of Y (yes). This action prevents the public name of the called party from appearing on the display of the caller. When set to the value of N (no), the public name of the called party appears on the display of the calling party.

### Rules in provisioning

To activate this feature, use table control to set the value of this office parameter to the value of Y or N.

Set this parameter to the value of Y if the called party does not want the name on the display of the calling party.

Set this parameter to the value of N if the called party wants their name displayed on the display of the calling party.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

If the office parameter is not used, the patch JBD02 does not receive a selection control.

---

**REVERSE\_DISPLAY\_DISALLOWED** (end)

---

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 byte of protected data store (DSPROT).

**Dump and restore rules**

Before the introduction of this office parameter, ACT patch JBD02 provided this functionality. When a site upgrades, query the activation status of ACT patch JBD02. The site upgrades from a load with ACT patch JBD02 to a load with this office parameter. Set this office parameter to the activity of patch JBD02. If patch JBD02 is active in the previous load, set the value of office parameter REVERSE\_DISPLAY\_DISALLOWED to the value of Y. If patch JBD02 is not active in the previous load, leave this parameter set to the default value N.

**Parameter history****NA007**

This parameter was introduced in NA007.

## **RMAN\_REASGNAGT\_CHGROUTE\_IN\_DUMP**

---

### **Parameter name**

RMAN\_REASGNAGT\_CHGROUTE\_IN\_DUMP

### **Functional description**

This parameter provides optionality for the AF7483, Automatic Call Distribution (ACD) Login During Imaging feature in table OFCVAR.

If you set this parameter to Y, you can use the following Remote Load Management commands during an image dump:

- Change Night Service Route
- Change Overflow Route
- Change Threshold Route
- Reassign Agent Position

When you use these commands, other commands are disallowed.

When you set this parameter to N, the following occurs:

- The commands do not work during an image dump.
- The Down Stream Processor (DSP) receives a return error message.

### **Provisioning rules**

Not applicable.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
N	Y	N

### **Activation**

Immediate

### **Dependencies**

Not applicable.

---

**RMAN\_REASGNAGT\_CHGROUTE\_IN\_DUMP** (end)

---

**Consequences**

If you do not use the office parameter, you can not activate feature AF7483.

**Verification**

Not applicable.

**Memory requirements**

This parameter requires one byte of the DSP.

**Dump and restore rules**

Not applicable.

**Parameter history**

**NA010**

NA010 introduced this office parameter.

## RMSG\_MAJALARM

---

### Parameter name

Rapid Messaging Major Alarm

### Functional description

This parameter holds the minor, major, and critical thresholds for the OMAJ lines alarm. The OMAJ lines alarm appears under the lines (Lns) header in the MAP status display.

The OMAJ lines alarm activates when the number of line equipment numbers (LEN) with two or more out-of-service logical terminal identifiers (LTID) crosses one of the three thresholds. When two or more LTIDs for a posted LEN are out-of-service because of rapid messaging, the failure code O appears. This failure code appears under the F field in the LTP level of the MAP display.

### Provisioning rules

This parameter holds values for the following:

- minor alarm threshold for lines office wide
- major alarm threshold for lines office wide
- critical alarm threshold for lines office wide

Change the values of this parameter by using the ALMSTAT OMAJ command at the LTP level of the MAP display. The thresholds are available for viewing in table OFCVAR.

*Note:* Use the ALMSTAT OMAJ command to change the values of this parameter. Using the table editor to change the threshold values does not update the alarms.

### Range information

Minimum	Maximum	Default
0	32767	Minor alarm-10 Major alarm-20 Critical alarm-30



---

**RMSG\_MAJALARM** (end)

---

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Consequences for this parameter are

- If an alarm threshold value is zero, the OMAJ alarm displays continuously.
- If an alarm threshold is lower than expected, the OMAJ alarm can display continuously.
- If an alarm threshold is higher than expected, the OMAJ alarm does not indicate rapid messaging problems office wide.

**Verification**

Monitor the number of ISDN lines that have the O failure code and look for the following:

- When the number of lines reaches the minor alarm threshold, the OMAJ minor alarm displays.
- When the number of lines reaches the major alarm threshold, the OMAJ major alarm displays.
- When the number of lines reaches the critical alarm threshold, the OMAJ critical alarm displays.

**Memory requirements**

Not applicable

**Dump and restore rules**

Not applicable

**Parameter history****NA010**

This parameter was introduced by AF7449, BRI Maintenance for Rapid Messaging.

## RMSG\_MINALARM

---

### Parameter name

Rapid Messaging Minor Alarm

### Functional description

This parameter holds the minor, major, and critical thresholds for the OMIN lines alarm. The OMIN lines alarm appears under the lines (Lns) header in the MAP status display.

The OMIN lines alarm activates when the number of line equipment numbers (LEN) with one out-of-service logical terminal identifier (LTID) crosses one of the three thresholds. When one LTID for a posted LEN is out-of-service because of rapid messaging, the failure code o appears. This failure code appears under the F header in the LTP level of the MAP display.

### Provisioning rules

This parameter holds values for the following:

- minor alarm threshold for lines office wide
- major alarm threshold for lines office wide
- critical alarm threshold for lines office wide

Change the values of this parameter by using the ALMSTAT OMIN command at the LTP level of the MAP display. The thresholds are available for viewing in table OFCVAR.

*Note:* Use the ALMSTAT OMIN command to change the values of this parameter. Using the table editor to change the threshold values does not update the alarms.

### Range information

Minimum	Maximum	Default
0	32767	Minor alarm-10 Major alarm-20 Critical alarm-30

### Activation

Immediate

---

**RMSG\_MINALARM** (end)

---

**Dependencies**

Not applicable

**Consequences**

Consequences for this parameter are

- If an alarm threshold value is zero, the OMIN alarm displays continuously.
- If an alarm threshold is lower than expected, the OMIN alarm can display continuously.
- If an alarm threshold is higher than expected, the OMIN alarm does not indicate rapid messaging problems office wide.

**Verification**

Monitor the number of ISDN lines that have the o failure code and look for the following:

- When the number of lines reaches the minor alarm threshold, the OMIN minor alarm displays.
- When the number of lines reaches the major alarm threshold, the OMIN major alarm displays.
- When the number of lines reaches the critical alarm threshold, the OMIN critical alarm displays.

**Memory requirements**

Not applicable

**Dump and restore rules**

Not applicable

**Parameter history****NA010**

This parameter was introduced by AF7449, BRI Maintenance for Rapid Messaging.

---

## RTE\_ADVANCE\_FOR\_INTRA\_IMT\_NCRT

---

### Parameter name

Route Advance For INTRA IMT Release Cause (34) “No Circuit Available”

### Functional description

This parameter enables the optionality to route advance for release cause “No Circuit Available”. The SOC NSER0005 must be set to ON and the INTRACSE option in table TRKOPTS must be datafilled in order for the functionality of this parameter to be enabled.

The following table shows the behavior of Release Cause “No Circuit Available” when the office parm is enabled.

Option: INTRACSE.RTEADV_C HOICE	RTE_ADVANCE_FOR_I NTRA_IMT_NCRT	Action
Yes	Yes	Route Advance from option INTRACSE
Yes	No	Do not route advance from option INTRACSE however table CSEMAP may override and route advance
No	Yes	Do not route advance from option INTRACSE however table CSEMAP may override and route advance
No	No	Do not route advance from option INTRACSE however table CSEMAP may override and route advance

### Provisioning rules

The values for this parameter are boolean {N,Y}.

### Range information

The range information is as follows:

Minimum	Maximum	Default
{N,Y}	{N,Y}	N

## **RTE\_ADVANCE\_FOR\_INTRA\_IMT\_NCRT (end)**

---

### **Activation**

Immediate

### **Requirements**

SOC NSER0005 must be set to ON and the INTRACSE option in table TRKOPTS must be present in order to enable the functionality of this parameter.

### **Results**

None

### **Testing**

None

### **Memory requirements**

No memory impact.

### **Dump and restore rules**

No customer interaction is required.

- Patch SBB41 status is checked during ONP and if patch is active the SOC status for NSER0005 is set to ON.
- Patch SBB59 status is checked during ONP and if the patch is active the office parm RTE\_ADVANCE\_FOR\_INTRA\_IMT\_NCRT is set to “Y”. Otherwise the parm is set to “N”.

### **Parameter history**

#### **SN07(DMS)**

Office parameter RTE\_ADVANCE\_FOR\_INTRA\_IMT\_NCRT was added in table OFCVAR for feature A00003789.

## SCAI\_CONTINUITY\_AUDIT\_INTERVAL

---

### Parameter name

Switch Computer Application Interface Continuity Audit Interval

### Functional description

This parameter specifies the number of minutes between executions of the switch/computer application interface (SCAI) continuity audit. This audit verifies the switch-to-host continuity of SCAI applications.

### Rules in provisioning

To turn off the SCAI continuity audit, set this parameter to a value of 0 (zero). You can set this parameter to the number of minutes desired between SCAI continuity audits.

The time the audit requires varies according to the number of SCAI applications and SCAI links. This audit runs at a lower priority than call processing. The time required for the audit depends on the duration of the traffic.

If this parameter changes, the implemented change in value occurs during the next SCAI audit process. For example, if the parameter value changes from 30 to 60, the change occurs within the next 30 min. After 30 min the SCAI uses the new value of 60 min.

### Range information

Minimum	Maximum	Default
0	720	30

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Audit frequencies drop with higher values.

---

**SCAI\_CONTINUITY\_AUDIT\_INTERVAL** (end)

---

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 2 words of memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS32**

This parameter was introduced in BCS32.

## SDIAGALARM

---

### Parameter name

Short Diagnostic Alarm

### Functional description

Use this parameter to set alarm thresholds for short diagnostic failures. The system flags these failures under the F field with an uppercase S on a MAP display for a posted line. A counter and three threshold levels, minor, major, and critical, are maintained for the failure type. An alarm condition occurs when one or more of the failure counters exceeds one of the threshold levels.

To change the value of this parameter, use the ALMSTAT command at the LTP MAP level.

### Rules in provisioning

Specifies the alarm thresholds for short diagnostic failures. For example, the default value of 10 20 30 specifies minor, major, and critical alarm thresholds.

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	10 20 30

### Activation

Use the ALMSTAT command at the LTP MAP level to change this parameter. The changed command enables an update of current alarms to reflect any failures with the new values.

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.



**SDIAGALARM** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

## **SEAS\_LRF\_GTT\_OCC**

---

### **Parameter name**

Signaling Engineering And Administration System Global Title Translation Failure Occurrences

### **Functional description**

A DMS Signal Transfer Point (STP) switching unit with the Signaling Engineering and Administration System (SEAS) software package requires this parameter. This package supports the user application layer (UAL) interface to the signaling engineering and administrative center (SEAC). This package also supports the user program layer (UPL). The UAL interface and the transport layer of the OSI communications protocol model are equal. The UPL software layer provides SEAS application-level support for the STP.

Bellcore developed a database for SEAS, an operations-support software system. This database provides mechanized support capabilities for the personnel of the operating company SEAC. The database provides the capability to provision, engineer, and administer the network of STPs and signaling links. The STPs and Signaling links are for each Bell company or Bell operating company (BOC).

This parameter specifies the maximum number of occurrences of global title translation (GTT) failures reported to the SEAC. The system reports these failures in the form of REPT\_NOTRNS SEAS messages. The GTT failures must occur in the time period parameter SEAS\_LRF\_GTT\_PER in table OFCVAR specifies.

If this parameter is set to a value of 0 (zero), REPT\_NOTRNS SEAS messages are not sent.

### **Rules in provisioning**

Specify the maximum number of reported occurrences of GTT failures for any number other than 10. Report these failures to the SEAC in the time period parameter SEAS\_LRF\_GTT\_PER specifies in table OFCVAR.

Set the value of this parameter to 0 when the feature is not activated. The default value serves as the recommended value.

---

**SEAS\_LRF\_GTT\_OCC** (end)

---

**Range information**

Minimum	Maximum	Default
0	255	10

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

A smaller number of REPT\_NOTRNS SEAS messages are sent in the time period when the value of this parameter decreases. A larger number of REPT\_NOTRNS SEAS messages are sent in the time period when the value of this parameter increases.

**Verification**

Does not apply

**Memory requirements**

This parameter does not have impact on memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****BCS26**

This parameter was introduced in BCS26.

## SEAS\_LRF\_GTT\_PER

---

### Parameter name

Signaling Engineering And Administration System Global Title Translation Failure Time Period

### Functional description

DMS Signal Transfer Point (STP) switching unit requires this parameter with the Signaling Engineering and Administration System (SEAS) software package. This package supports the user application layer (UAL) interface to the signaling engineering and administrative center (SEAC). This package supports the user program layer (UPL). The UAL interface is the same as the transport layer of the OSI communications protocol model. The UPL software layer provides SEAS application-level support for the STP.

The SEAS is an operations-support software system with a database developed by Bellcore. The SEAS provides operating company SEAC personnel with mechanized support capabilities to, provision, engineer and administer the network of STPs and signaling links. The network of STPs and signaling links are for each regional Bell company or Bell operating company (BOC).

This parameter specifies the time period in minutes the system needs to report to the SEAC. The value of parameter SEAS\_LRF\_GTT\_OCC in table OFCVAR, specifies the maximum number of global title translation (GTT) failures. The system reports the number of failures to the SEAC (in the form of REPT\_NOTRNS SEAS messages).

### Rules in provisioning

Specify the time period in minutes that the system takes to report the maximum number of GTT failures, to the SEAC. The number must be equal to the value of parameter SEAS\_LRF\_GTT\_OCC in table OFCVAR.

The recommended value is the default value.

Set the value of this parameter to 180 when this feature is not activated.

### Range information

Minimum	Maximum	Default
1	180	5

---

**SEAS\_LRF\_GTT\_PER** (end)

---

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

A decrease in the value of this parameter results in a shorter time period.

An increase in the value of this parameter results in a longer time period.

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****BCS26**

This parameter was introduced in BCS26.

## SEAS\_LRF\_MTP\_OCC

---

### Parameter name

Signaling Engineering and Administration System Message Transfer Part Failure Occurrences

### Functional description

A DMS Signal Transfer Point (STP) with the Signaling Engineering and Administration System (SEAS) software package requires this parameter. This package supports the user application layer (UAL) interface to the signaling engineering and administrative center (SEAC). This parameter also supports the user program layer (UPL). The UAL interface is the same as the transport layer of the OSI communications protocol model. The UPL software layer provides SEAS application-level support for the STP.

The SEAS is an operations-support software system with a database developed by Bellcore. The SEAS provides personnel of the operating company SEAC with mechanized support capabilities to provision, engineer and administer the network of STPs and signaling links. The network of STPs and signaling links are for each regional Bell company or Bell operating company (BOC).

This parameter specifies the maximum number of Message Transfer Part (MTP) routing errors that the system reports to the SEAC. The reports are in the form of REPT\_MTPERR SEAS messages. The system must report the errors in the time period that office parameter SEAS\_LRF\_MTP\_PER specifies.

### Rules of provisioning

Specify the maximum number of errors that the system can report.

When set to a value of 0 (zero), the system does not send REPT\_MTPERR SEAS messages.

### Range information

Minimum	Maximum	Default
0	255	10

### Activation

Immediate

---

**SEAS\_LRF\_MTP\_OCC** (end)

---

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history**

**BCS29**

This parameter was introduced in BCS29.

## SEAS\_LRF\_MTP\_PER

---

### Parameter name

Signaling Engineering And Administration System Message Transfer Part Failure Time Period

### Functional description

A DMS Signal Transfer Point (STP) with the Signaling Engineering and Administration System (SEAS) software package requires this parameter. This package supports the user application layer (UAL) interface to the signaling engineering and administrative center (SEAC). This package also supports the user program layer (UPL). The UAL interface is the same as the transport layer of the OSI communications protocol model. The UPL software layer provides SEAS application-level support for the STP.

The SEAS is an operations-support software system with a database developed by Bellcore. The SEAS allows SEAC personnel at the operating company to provision, engineer and administer STPs and signaling links. The SEAC personnel can provide functions to STPs and signaling links for each regional Bell operating company.

### Rules in provisioning

This parameter specifies the time, in minutes, that the SEAC receives a maximum number of Message Transfer Part (MTP) routing errors. Office parameter SEAS\_LRF\_MTP\_OCC specifies the maximum number of MTP routing errors. The SEAC receives the errors in the form of REPT\_MTPERR SEAS messages.

### Range information

Minimum	Maximum	Default
1	180	5

### Activation

Immediate

### Dependencies

Does not apply



---

**SEAS\_LRF\_MTP\_PER** (end)

---

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS29**

This parameter was introduced in BCS29.

## SIG\_TST

---

### Parameter name

Signaling Test

### Functional description

This parameter controls the feature that allows the signaling tests, to run after a diagnostic test. The diagnostic test runs from system maintenance or from the trunk test position (TTP).

### Rules in provisioning

Set the value of this parameter to Y (yes). This setting allows signaling tests to run from system maintenance or from the TTP.

Set the value of this parameter to N (no) if this feature is not required.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Signaling tests apply to trunk groups that have field SIGTST in table CLLIMITCE set to Y.

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS15**

This parameter was introduced in BCS15.

## SLE\_LANGUAGE

---

### Parameter name

Screening List Editing Language

### Functional description

This parameter is associated with the screening list editing (SLE) portion of the call screening feature. Call screening services allow subscribers to screen out some incoming calls. For each call screening feature, the switch maintains a list of directory numbers (DN) that identifies incoming calls for special treatment. The SLE allows the subscriber to create and modify these lists.

This parameter specifies the language in which subscribers receive announcements. The two fields are PRIMARY and SECONDARY.

The system provides announcements in the language that the PRIMARY field specifies. Subscribers with the SL line option, receive announcements in the language that the SECONDARY field specifies.

The values for this parameter can be two of the following:

- LANG1
- LANG2
- NIL

### Rules in provisioning

Set the PRIMARY field to the language in which SLE users will hear announcements. The PRIMARY field can be LANG1 OR LANG2. Set the SECONDARY field to the language in which subscribers with the SL line option will hear SLE announcements. The SECONDARY field can be LANG1, LANG2 OR NIL. If the office uses one language only, set the SECONDARY field to NIL.

The PRIMARY field cannot be NIL.

### Range information

Minimum	Maximum	Default
		LANG1 NIL

---

**SLE\_LANGUAGE** (end)

---

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If the fields are not set correctly, SLE users do not hear announcements in the correct language.

**Verification**

From a telephone without the SL option, activate an SLE session. The user hears the announcement in the language that the PRIMARY field of the parameter specifies.

From a telephone with the SL option, develop an SLE session. The user will hear the announcement in the language that the SECONDARY field of the parameter specifies.

**Memory requirements**

Each of the units requires 2 words of memory.

**Dump and restore rules**

If the previous BCS does not have SLE\_LANGUAGE, leave the parameter at the default value. If the previous BCS has the parameter, copy the current value when you perform a dump and restore.

## SLE\_VOICEBACK\_PUBLIC\_ICM

---

### Parameter name

Screening List Editing Voiceback Public Incoming Call Memory

### Functional description

This parameter controls the voiceback of directory numbers (DN). This parameter controls the voiceback of DNs in the screening list of a subscriber with the screening list editing (SLE) feature. This parameter controls the voiceback of DNs in the screening list from incoming call memory.

### Rules in provisioning

Set the value of this parameter to Y (yes). To activate voiceback of DNs in screening lists from incoming call memory. The system voices back the DNs that are not marked private.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter value requires 1 word of memory.

### Dump and restore rules

Copy the existing value of this parameter when you perform a dump and restore.

---

**SLE\_VOICEBACK\_PUBLIC\_ICM** (end)

---

**Parameter history**

**BCS32**

This parameter was introduced in BCS32.

## SLNETWORK\_NAME

---

### Parameter name

SL-100 Network Name

### Functional description

An SL-100 switching unit that has parameter SLNETWORK\_ENABLED in table OFCVAR set to Y (yes) requires this parameter. This parameter specifies the three-character name that identifies the node of the system.

### Rules in provisioning

The node name cannot match the node entered in table SLNWK as the Sub-regional control facility (SRCF) node name.

All of the network control commands originate either from SRCF or SL-100 contain fields. The fields identify the site node name and the SRCF node name.

### Range information

Minimum	Maximum	Default
		NIL

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.



---

**SLNETWORK\_NAME** (end)

---

**Dump and restore rules**

Copy the existing value of this parameter when you perform a dump and restore.

**Parameter history**

**BCS23**

This parameter was introduced in BCS23.

## SLU\_7DIGIT\_DN

---

### Parameter name

Subscriber Line Usage (SLU) 7-Digit Directory Number (DN)

### Functional description

SLU\_7DIGIT\_DN provides the option of 7-digit or 10-digit DNs for SLU command interpreter (CI) commands and SLU-related OMSHOW procedures.

### Provisioning rules

Operating company personnel can set SLU\_7DIGIT\_DN to "N" for 10-digit DNs.

### Range information

Minimum	Maximum	Default
N	Y	Y

### Activation

Immediate.

### Dependencies

Not applicable.

### Consequences

If operating company personnel change the office parameter (OFCPARM), the results are as follows:

- For a change from "Y" to "Y", the message is as follows:

ALREADY IN 7 DIGIT MODE, NO ACTION TAKEN

- For a change from "Y" to "N", the message is as follows:

WARNING: A CHANGE FROM 7 DIGIT MODE TO 10 DIGIT MODE WILL CHANGE SLU REPORTING FORMAT AND POSSIBLY IMPACT DATA COLLECTION. DO YOU REALLY WANT TO CONTINUE?

— If the response is "N", the message is as follows:

COMMAND HAS BEEN CANCELED!! (N)

— If the response is "Y", the command executes.

---

**SLU\_7DIGIT\_DN** (end)

---

- For a change from “N” to “N”, the message is as follows:

```
ALREADY IN 10 DIGIT MODE, NO ACTION TAKEN
```

- For a change from “N” to “Y”, the message is as follows:

```
WARNING: A CHANGE FROM 10 DIGIT MODE TO 7 DIGIT MODE WILL  
CHANGE SLU REPORTING FORMAT AND POSSIBLY IMPACT DATA  
COLLECTION. DO YOU REALLY WANT TO CONTINUE?
```

— If the response is “N”, the message is as follows:

```
COMMAND HAS BEEN CANCELED!! (N)
```

— If the response is “Y”, an example of the message is as follows:

```
AMBIGUOUS DN WITH KEY: D10 416 224 0001 IN TABLE:ENG640I
```

```
THE CHANGE FROM 10 DIGIT MODE TO 7 DIGIT MODE WILL NOT BE  
POSSIBLE UNTIL PRECEDING AMBIGUOUS TUPLES ARE REMOVED FROM  
SLU TABLES (Y with any ambiguous DN in SLU tables)
```

## Verification

Operating company personnel can check the SLU format to verify the operation of the OFCPARM.

## Memory requirements

SLU\_7DIGIT\_DN requires one word of memory.

## Dump and restore rules

Not applicable.

## Parameter history

### CSP09

Introduction of SLU\_7DIGIT\_DN.

---

## SLU\_VARIABLE\_LENGTH\_DN

---

### Parameter name

Subscriber Line Usage Variable Length DN

### Functional description

Not all telcos have the capacity support variable length dn input and output. This office parameter is used to allow entering and outputting data in fixed or variable length dn format.

### Provisioning rules

Only set SLU\_VARIABLE\_LENGTH\_DN to Y if variable length dn input and output format is supported by the telco and/or OSS machine.

### Range information

The range information is as follows:

Minimum	Maximum	Default
		N

### Activation

Immediate

### Requirements

None

### Results

If SLU\_VARIABLE\_LENGTH\_DN is changed from 'Y' to 'N', the following message is displayed:

```
WARNING: A CHANGE FROM FIXED LENGTH DN FORMAT TO VARIABLE LENGTH
DN FORMAT WILL CHANGE SLU REPORTING FORMAT AND POSSIBLY IMPACT DATA
COLLECTION DO YOU REALLY WANT TO CONTINUE?
Please confirm ("Y" or "N"):
```

If SLU\_VARIABLE\_LENGTH\_DN is changed from 'N' to 'Y', the following message is displayed:

```
WARNING: A CHANGE FROM VARIABLE LENGTH DN FORMAT TO FIXED LENGTH
DN FORMAT WILL CHANGE SLU REPORTING FORMAT AND POSSIBLY IMPACT DATA
COLLECTION DO YOU REALLY WANT TO CONTINUE?
Please confirm ("Y" or "N"):
```

## Testing

The appropriate parameter setting may be verified by checking the dn format in Subscriber Line Usage (SLU) tables eng640il, tra125il, tra125i2, and tra250il.

## Memory requirements

SLU\_VARIABLE\_LENGTH\_DN requires one word of memory.

## Dump and restore rules

Not applicable.

## Parameter history

This parameter was created in CCM11.

## SLVP\_RCHD\_TIMER

---

### Parameter name

Single Line Variety Package Option RCHD Timer

### Functional description

This parameter contains two timing values, MAX\_RING\_DURATION and INTER\_RING\_DELAY. You will find the first value associated with a single line variety package (SLVP) intercom or an SLVP transfer. The first value determines how these two attributes can ring without creating an off-hook extension. The second value determines the time span between reminder rings for SLVP hold.

When using SLVP hold with a parameter value of default, a reminder ring occurs every minute for a maximum of 3 min. The system takes down a held call 15 s after the last reminder ring. This occurs if the system did not detect an off-hook extension.

An extension must dial an access code to attempt to initiate an SLVP intercom. In this event, the MAX\_RING\_DURATION value determines how long the line rings if the system does not detect an off-hook extension. The extension also dials an access code to transfer an existing call using SLVP transfer. The MAX\_RING\_DURATION value determines how long the line rings before the system abandons the call. This value also determines how long a call can remain on hold using SLVP hold.

The accepted values for INTER\_RING\_DELAY are 0 and 15 to 300 s.

The INTER\_RING\_DELAY value begins when a subscriber places the handset on-hook after the subscriber dials the SLVP access code. The system places a reminder ring on the line when the timer expires to ensure the time restarts. This process continues until an extension comes off-hook to retrieve the call, the held party releases, or MAX\_RING\_DURATION expires.

The accepted values for MAX\_RING\_DURATION are 15 to 300 s. Two values can denote that the system does not give a reminder ring. These values are zero or a value equal to the timing value established by the operating company.

The office parameter is only relevant when line option SLVP or option Residential Call Hold (RCHD) is assigned to a line.

### Rules in provisioning

A value equal to MAX\_RING\_DURATION or a value of zero for INTER\_RING\_DELAY results in no reminder ring.

---

**SLVP\_RCHD\_TIMER** (end)

---

Values entered between 0 and 15 for MAX\_RING\_DURATION and 1 and 15 for INTER\_RING\_DELAY result in errors. These values ensure that the system has enough time to complete the task before the timeout. The timeout requests the reminder ring again.

**Range information**

Minimum	Maximum	Default
15 0	300 300	195 60

**Activation**

Immediate

When a technician changes the value of either of these timing values, an immediate effect on the system occurs. Current calls could notice a change in the frequency of reminder rings. Technicians must change the values of this parameter should during low traffic periods.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

To verify this parameter, activate SLVP hold from a line with option SLVP. Determine the time between reminder rings and the duration of the hold.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter History****BCS31**

You will find this parameter introduced in BCS31.

## SMDR\_LOG\_RPT

---

### Parameter name

Station Message Detail Recording Log Report

### Functional description

A switching unit with North American translations and the Integrated Business Network (IBN) feature requires this parameter. This parameter specifies is the system generates Station Message Detail Recording (SMDR) billing information AMAB150 logs.

### Rules in provisioning

This parameter contains two fields. The CHOICE field is the left hand value. The MAX\_DUR field is the right hand value.

Set the value of field CHOICE to ALL, ANS\_ONLY, or NONE to specify which calls the system prints in the AMAB150 log.

The value ALL specifies that the system generates log reports for all SMDR calls.

The value ANS\_ONLY specifies that the system generates AMAB150 log reports for answered calls only.

The value NONE specifies that the system does not generate AMAB150 log reports.

Set field MAX\_DUR to a value of 0 to 32 767 min. The value specifies the threshold for the maximum length of calls printed as part of the report. A value of zero does not apply a threshold.

### Range information

Minimum	Maximum	Default
		NONE 0

### Activation

Immediate



**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 word of memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## SO\_ALLOW\_REDUNDANT\_FEATURE

---

### Parameter name

Service Order Allow Redundant Feature

### Functional description

This parameter enables or disables the Service Order Allow Redundant Feature. This parameter changes the behavior of the following SERVORD commands:

- DEO. If you enable office parameter SO\_ALLOW\_REDUNDANT\_FEATURE, SERVORD accepts attempts to delete from a DN an option or feature that was not assigned to the DN. Instead of rejecting the DEO command with an error message, SERVORD accepts the command entry and displays a message that verifies acceptance. The text of the messages can vary according to the option or feature you are adding.
- ADO. If you enable office parameter SO\_ALLOW\_REDUNDANT\_FEATURE, SERVORD accepts attempts to add an option or feature to a DN when the DN already has the option or feature. Instead of rejecting the ADO command with an error message, SERVORD accepts the command entry and displays a message that verifies acceptance. The text of the messages can vary according to the option or feature you are adding.

### Provisioning rules

Set the value of this parameter to Y to enable the Service Order Allow Redundant Feature for the ADO and DEO commands.

Set the value of this parameter to N to disable the Service Order Allow Redundant Feature for the ADO and DEO commands.

### Range information

The choice of values for this parameter is Y or N.

Minimum	Maximum	Default
		N

### Activation

Immediate. Activation affects whole office/computing module (CM) and all users, current and future.

---

**SO\_ALLOW\_REDUNDANT\_FEATURE** (end)

---

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no impact on memory.

**Dump and restore rules**

Not applicable

**Parameter history****NA014**

Added additional line options to the Service Order Allow Redundant Feature in activity 59017494.

**NA010**

AF7511, added activation note.

**NA009**

AF7334, Allow ADO and DEO Redundant Features introduced the parameter SO\_ALLOW\_REDUNDANT\_FEATURE to table OFCVAR.

## SO\_ALLOW\_REDUNDANT\_FEATURE\_CHF

---

### Parameter name

Service Order Allow Redundant Feature Change

### Functional description

This parameter enables or disables the Service Order Allow Redundant Feature Change feature, which changes the behavior of the CHF SERVORD command.

Use SO\_ALLOW\_REDUNDANT\_FEATURE\_CHF to reduce service order failure and allow the command to add features/options not already assigned when specified on a CHF command.

If you enable this office parameter, SERVORD accepts and processes as an ADO Features/Options not assigned to a line when they are specified on the CHF command.

The SO\_ALLOW\_REDUNDANT\_FEATURE\_CHF parameter changes the behavior of the SERVORD CHF command. When you disable this parameter, SERVORD rejects CHF commands that contain features or options not already assigned to the DN (directory number). CHF allows you only to change a feature or option that is already assigned to the line. If you enable this parameter, SERVORD handles such options as an implied ADO.

### Provisioning rules

Set the value of this parameter to Y to enable the Service Order Allow Redundant Feature for the CHF command.

Set the value of this parameter to N to disable the Service Order Allow Redundant Feature for the CHF command.

### Range information

The choice of values for this parameter is Y or N.

Minimum	Maximum	Default
		N

### Activation

Immediate

---

**SO\_ALLOW\_REDUNDANT\_FEATURE\_CHF** (end)

---

**Dependencies**

None

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter does not affect memory.

**Dump and restore rules**

Not applicable

**Parameter history****NA014**

Added additional line options to the Service Order Allow Redundant Feature in activity 59017494.

**NA010**

Attention box added. Currently specified new features or options on a CHF command cause the command to be rejected.

**NA009**

This parameter was introduced.

## SO\_CICP\_OFRT\_ICP\_ALLOWED

---

### Parameter name

Service Order Change Intercept Office Route Intercept Allowed

### Functional description

Office parameter Service Order Change Intercept Office Route Intercept Allowed (SO\_CICP\_OFRT\_ICP\_ALLOWED) controls the Service Order System (SERVORD) command CICP (Change Intercept). This parameter allows the CICP command to change the intercept of a directory number (DN) routed to an office route (OFRT). The CICP command changes the type of intercept on DNs that are not assigned.

### Rules in provisioning

Office parameter SO\_CICP\_OFRT\_ICP\_ALLOWED is added in table OFCVAR (Office Variable) as a boolean switch. When the value of this parameter is Y (yes), the CICP command changes DNs from OFRT to intercept. When the value is N (no), the CICP command does not change DNs from OFRT to intercept.

A user can attempt to use the CICP command to change a DN on an OFRT to intercept. When the user attempts this change, the system prompts the user to use SERVORD command Out-Directory Number (OUTDN). This prompt occurs when the value of this parameter is set to N. The OUTDN command deletes a block of DNs associated with an office route. The OUTDN command also places the DNs on the intercept Blank Directory Number (BLDN).

The SERVORD prompt INTERCEPT\_NAME can have the following valid entries. Enter BLDN if the DN is not known.

- AINT=attendant intercept (IBN line only)
- ANCT=machine intercept
- BLDN=blank DN
- CANN=customer announcement (IBN lines only)
- OPRT=operator intercept
- UNDN=undefined DN

Office parameter SO\_CICP\_OFRT\_ICP\_ALLOWED permits the user to change between OPRT and BLDN.

---

**SO\_CICP\_OFRT\_ICP\_ALLOWED** (end)

---

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

The CICP command does not check if the OFRT is a CANN intercept. With the OUT command applied to a line set to CANN, the CANN is researched in table Customer Announcement (CUSTANN). The CANN is researched with the customer group of the line and the CANN number as the table key applied to an OFRT. Table Directory Number Inventory (DNINV) exhibits a T selector (rout to OFRT). After the OUT command completes a line routed to CANN is not different from any other OFRT. The CICP command recognizes and disposes of the CANN as an OFRT, not as a CANN intercept.

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history****NA003**

This parameter was introduced in NA003.

## SO\_PROMPT\_FOR\_CABLE\_PAIR

---

### Parameter name

Service Order Prompt For Cable Pair

### Functional description

All local or combined local and toll switching units require this parameter. This parameter specifies if the service order system echoes cabling information on the hard-copy terminal of an operator.

### Rules in provisioning

If the value of this parameter is Y (yes), the service order system echoes cabling information on the hard-copy terminal of an operator.

If the value of this parameter is the default of N (no) this function does not apply.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.



---

**SO\_PROMPT\_FOR\_CABLE\_PAIR** (end)

---

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

## SO\_PROMPT\_FOR\_LTG

---

### Parameter name

Service Order Prompt For Line Treatment Group

### Functional description

This parameter determines if the service order system prompts the user for the line treatment group where required.

### Rules in provisioning

The number of current line treatment groups for the office determines the value of this parameter. If the number of current line treatment groups is one, set this parameter to N (no). If the number is not one, set the value of this parameter to Y (yes).

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

Table LINEATTR specifies the line treatment groups.

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

---

**SPCL\_SECURITY\_A\_DR**


---

**Parameter name**

Automatic Number Identification Special Security

**Functional description**

Switching units with feature package NTX441AA require this parameter.

**Rules in provisioning**

If you find the operating company purchased this software package, contact DSD Marketing in Bramalea for further details.

This parameter affects the Billing and Automatic Message Accounting (AMA) entries.

**Range information**

Minimum	Maximum	Default
0000	9999	0000

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

The operating company personnel must carefully read the information on feature package NTX441AA.

**Verification**

Does not apply

**Memory requirements**

This parameter value requires 1 word of memory.

**Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

## **SPCL\_SECURITY\_A\_DR** (end)

---

### **Parameter History**

#### **BCS14**

You will find this parameter introduced in BCS14.

---

## SPECIAL\_AMA\_REPORT

---

**Parameter name**

Special Automatic Message Accounting Report

**Functional description**

This parameter determines if the system prints a special report and records the report on tape. The default of this parameter turns the special report off. Turn on this parameter only for debugging purposes.

**Rules in provisioning**

Descriptions of the three fields in the unit AMARPT appear in the following table.

Field	Entry	Explanation
ON_OFF	Y or N	Enter Y (yes) to print if the information. Enter N (no) to not print the report.
WHICH_CALLS	ONLY or BOTH	Enter ONLY to print only calls that answer. Enter BOTH to print all calls.
MAX_DUR	0 to 32767	Enter the number of seconds that specifies a threshold for the maximum length of calls to print. The system prints these calls as part of the report.

**Range information**

Minimum	Maximum	Default
		N BOTH 0

**Activation**

Immediate

**Dependencies**

Does not apply

## **SPECIAL\_AMA\_REPORT** (end)

---

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

**SPERFORM\_OM\_CONTROL**

---

**Parameter name**

Sperform Operational Measurement Control

**Functional description**

This parameter turns the collection of two OMs, SPMACT and SPMUSAGE on and off. The information collected in these OMs is the same information that is normally reported from the Sperform Map Level. The advantage to having the data report as OMs is to get a view of all the SPMs in the office instead of 1 or 2 SPMs from the Sperform at the Map Level.

**Provisioning rules**

Default value of “Y” is used to turn on the collection of OMs.

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Not applicable

**Dependencies**

None.

**Consequences**

Does not apply

**Verification**

Does not apply

**Requirements**

Not applicable

**Results**

Not applicable

---

## **SPERFORM\_OM\_CONTROL** (end)

---

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

Not applicable

### **Parameter history**

#### **CSP17**

This parameter is introduced by the CSP feature “SPM Wellness: Real Time OCC OM.”



---

## SPM\_ENHANCED\_OUTPUT

---

### Parameter name

SPM Enhanced Output

### Functional description

The MG4K Enhanced Logs feature provides node class type information in a log. It introduces the office parameter SPM\_ENHANCED\_OUTPUT in table OFCVAR. Changing the setting of the office parameter between OFF and ON toggles the enhanced log output off and on.

### Provisioning rules

None

### Range information

The range information is as follows:

Minimum	Maximum	Default
OFF	ON	OFF

The following example shows how to change SPM\_ENHANCED\_OUTPUT from OFF to ON to enable enhanced log formats:

## SPM\_ENHANCED\_OUTPUT (continued)

---

```
>table ofcvar
MACHINES NOT IN SYNC - DMOS NOT ALLOWED
JOURNAL FILE UNAVAILABLE - DMOS NOT ALLOWED
TABLE: OFCVAR

>format pack
<line length>: 76 columns can be output per line.
<pack mode>: Pack mode is ON.
<indent column>: Indented lines will begin in column 1.
<first column>: The first column of output is column 1.

>pos SPM_ENHANCED_OUTPUT
SPM_ENHANCED_OUTPUT N

>cha
PARMVAL: N
>Y
TUPLE TO BE CHANGED
SPM_ENHANCED_OUTPUT Y
ENTER Y TO CONFIRM, N TO REJECT OR E TO EDIT
>Y
TUPLE CHANGED
JOURNAL FILE INACTIVE

>list
TOP
PARMNAME PARMVAL
-----
SPM_ENHANCED_OUTPUT Y
```

### Activation

When the SPM\_ENHANCED\_OUTPUT office parameter is toggled, the next log displayed will be in the appropriate format.

### Requirements

None

### Results

None

### Testing

Not applicable.

### Memory requirements

Not applicable.

---

## SPM\_ENHANCED\_OUTPUT (end)

---

### Dump and restore rules

Not applicable.

### Parameter history

#### SN06 (DMS)

Feature 89007430 gives an example of toggling office parameter SPM\_ENHANCED\_OUTPUT from OFF to ON.

#### SN05

Feature 19012502 introduces office parameter SPM\_ENHANCED\_OUTPUT in SN05.

---

## SRCF\_FILE\_VOLNAME

---

**Parameter name**

Sub-regional Control Facility File Volume Name

**Functional description**

An SL-100 switching unit with the Sub-Regional Control Facility (SRCF) feature requires this parameter.

The SRCF feature transmits files between SCRF and SL-100, using FILE/FREQ commands. The FILE/FREQ commands are part of the NDMS commands set for file transfer and file management activities.

The SRCF feature performs the following functions:

- sends files to or from SRCF
- provides CI commands to initiate and monitor file transfer
- sends and receives files at the same time

**Rules in provisioning**

The FREQ command does not provide information about the requested file like the device name and volume number. This parameter specifies the 1 to 16 character device/volume name used to place the incoming files from the SRCF. The 1 to 16 character device/volume name also allows the user to find the requested file to transfer to the SRCF.

**Range information**

Minimum	Maximum	Default
		NIL

**Activation**

Immediate

**Dependencies**

The SRCF feature is optional. The SRCF feature is part of software package NTX716AA. The SRCF feature requires software packages NTX347AA (DMS-100 Base Data Communication) and NTX273AA (Multi-Protocol Controller).

## **SRCF\_FILE\_VOLNAME** (end)

---

The SRCF feature requires one or more entries in tables MPC, RASAPPL, SLNWK and X25LINK.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS24**

This parameter was introduced in BCS24.

---

## SYSLOG\_ACCESS

---

**Parameter name**

Field SYSLOG Access

**Functional description**

This parameter safeguards the SYSLOG field in table LOGCLASS. This parameter is set to Y, first to allows the default tuples to be entered at loadbuild time. To provide security to the SYSLOG during normal operation, set the parameter to N after the loadbuild.

To change the SYSLOG field in table LOGCLASS, the parameter is set to Y (yes).

The field SYSLOG in table LOGCLASS specifies if a LOG is a system log. The field SYSLOG in table LOGCLASS removes the SYSLOG command in LOGUTIL.

All SYSLOGS are placed in table LOGCLASS with the SYSLOG field equal to Y from the EXT files at loadbuild time.

**Rules in provisioning**

The value of this parameter must be Y when you modify field SYSLOG. The value of this parameter must be Y when adding/deleting tuples with field SYSLOG in table LOGCLASS equal to Y (yes).

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

## **SYSLOG\_ACCESS** (end)

---

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

This parameter must have a value of Y (yes) to allow default syslog tuples to be added at loadbuild time. Set the value of the parameter to N (no) at dump/restore time to protect field SYSLOG in table LOGCLASS.

### **Parameter history**

#### **BCS20**

This parameter was introduced in BCS20.

---

## T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS

---

### Parameter name

T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS

### Functional description

This office parameter provides optionality control for timer expiry message suppression.

### Rules in provisioning

This office parameter has the following four fields:

- Field 1 indicates whether 'T1 Timer Expiry' message suppression is ON or OFF. When 'ON' all 'T1 Timer Expiry' messages are suppressed and user provisioning of fields 2 to 4 is permitted.  
This field can only be ON if SOC INW00002 is ON. If SOC INW00002 is switched OFF, the user is not permitted to provision T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS.
- Field 2 indicates whether the log is ON or OFF. When log is ON, an entry is created in GAME101 during the RSPTMOUT OM transfer period, if the RSPTMOUT OM count is greater than zero.
- Field 3 indicates whether the alarm is ON or OFF. When the alarm is ON, an entry is created in GAME102 if the RSPTMOUT OM count equals or is greater than the office parm T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS threshold value. In addition, when an entry is created, an external minor alarm is raised.
- Field 4 is a threshold value that is used to determine if an entry in the GAME102 log should be created. If fields 1 and 3 are set to ON then a valid threshold value is between 1 and 32,767. A value of 0 is only permitted when field 3 is OFF.

### Range information

The range information is as follows:

Field	Minimum	Maximum	Default
1	OFF	ON	OFF
2	OFF	ON	OFF
3	OFF	ON	OFF
4	0	32,767	0



## **T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS** (continued)

---

### **Activation**

To prevent 'T1 Timer Expiry' messages from being generated, the user needs to switch the SOC INW00002 to ON and the office parm T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS field suppression to ON. Once these are ON, the user has the option to activate log or alarm generation when a 'T1 Timer Expiry' message is suppressed.

### **Dependencies**

None

### **Consequences**

Refer to the provisioning rules.

### **Verification**

During the verification of the four fields the following checks are done:

- Field 1 can only be equal to ON or OFF. In order for this to be equal to ON, SOC INW00002 should be switched ON.
- Field 2 can only equal to ON or OFF. This can only be set to ON, if field 1 is set to ON
- Field 3 can only equal to ON or OFF. This can only be set to ON, if field 1 is set to ON
- Field 4 can only be a number in the range 1 to 32,767. It can only change from a value of 0 if field 3 is set to ON. If field 3 is set to OFF, then the only valid value in this field is 0.

### **Memory requirements**

Memory is needed to store data:

- Units per memory block = 1
- Units per memory block = 3
- If the parameter value = 1
- words required = (((parameter value - 1)/units per block) + 1) \* words per block = 3

### **Dump and restore rules**

During dumping and restoration the following rules apply:

- If the patch TBF56 is found to be active on the switch, SOC INW00002 is switched ON and the office parm

---

**T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS** (end)

---

T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS is initialized to indicate that all 'T1 Timer Expiry' messages should be suppressed.

- If the patch TBF56 is found to be not active on the switch, then SOC INW00002 is switched ON and the office parm T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS is initialized to indicate that no 'T1 Timer Expiry' messages should be suppressed.
- If the patch TBF56 is not found, then the SOC INW00002 is switched OFF and the office parm T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS is initialized to indicate that no 'T1 Timer Expiry' messages should be suppressed.

**Parameter history****SN07 (DMS)**

The office parameter T1\_TIMER\_EXPIRY\_MSG\_SUPPRESS is introduced by feature A00002013 to provide optionality control. Documentation updated at SN09 (DMS).



---

## TABLE\_ACCESS\_CONTROL

---

**Parameter name**

Table Access Control

**Functional description**

A switching unit with the Security Table Enhancement feature requires the Table Access Control parameter. The Security Table Enhancement feature allows the operating company to activate or deactivate this parameter.

**Rules in provisioning**

Set the value of this parameter to Y (yes) to activate the Security Table Enhancement feature.

Set the value of this parameter to N (no) to deactivate the Security Table Enhancement feature.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

When this parameter is set to Y, the operating company can activate or deactivate the Security Table Enhancement feature for the table. The operating company changes the value of fields VALLACC or DENACC in table CUSTPROT to activate or deactivate this feature.

Office parameter MONITOR\_TABLE\_ACCESS in OFCOPT is set to a value of Y to function.

**Consequences**

Does not apply

**Verification**

Does not apply

## **TABLE\_ACCESS\_CONTROL** (end)

---

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS18**

This parameter was introduced in BCS18.

**TASINTVL****Parameter name**

Time Assignment Speech Interpolation Interval

**Functional description**

This parameter determines the frequency with which the following occur:

- the Time Assignment Speech Interpolation (TASI) signal is sent to the Dynamic Load Control (DLC) unit
- the TASI clear signal is set again
- the software and the hardware are checked to remain in step

**Rules in provisioning**

This parameter controls the audit interval from the TASI DLC (three times the specified value). This parameter also controls the frequency at which the TASI CLEAR lead is updated (the specified value).

The operating company determines the value of this parameter.

**Range information**

Minimum	Maximum	Default
1	60	3

**Activation**

The value of this parameter must be the amount of time specified.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**TASINTVL** (end)

---

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

**TBI\_CONNECT\_OPR\_A**

---

**Parameter name**

Toll Break-in Connect Operator A

**Functional description**

Switching units with the World Systems and Toll Break In (TBI) features require this parameter. This parameter specifies if subscriber A in a TBI call can stay off-hook and receive a booked call from the operator.

**Rules in provisioning**

If the value of this parameter is Y (yes), the operator and subscriber A can stay connected (A off-hook) during a TBI.

If the parameter remains at the default value, subscriber A must disconnect (A on-hook) during a TBI.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.



## **TBI\_CONNECT\_OPR\_A** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS28.

---

**TBI\_FORCE\_RELEASE**

---

**Parameter name**

Toll Break-in Force Release

**Functional description**

International switching units with universal translations and the Toll Break-In (TBI) feature require this parameter.

In countries where toll circuits are not common because of high traffic or limited toll circuits, toll calls are often booked. When an operator attempts to set up a booked call, one or both subscribers can be on other calls. The TBI allows the operator to interrupt a call that originates or terminates in a local office. The operator can also offer a toll call to one of the subscribers. The subscriber can accept or refuse the call.

This parameter specifies if the operator can force release the other subscriber from a call. This force release occurs when the call terminates on a subscriber already on a call.

This parameter does not appear in countries that do not require this capability. The default of N (no) guarantees the functionality of TBI does not change in these countries.

In China, the use of the TBI feature depends on which area of the country the switch is located.

The TBI feature requires the conference circuit board NT3X67BB. Conference circuit board NT3X67BB can produce TBI tone as a background tone while the PCM is connected. The NT3X67BB capability allows both speech and tone on the conference circuit.

Each toll break in call requires a three port conference circuit.

**Rules in provisioning**

Set the value of this parameter to Y (yes) if the operator can force release the other subscriber from a call. The call that the operator releases must terminate on a subscriber already on a call.

Leave this parameter at the default of N (no) if the operator cannot force release the other subscriber from a call. The call that the operator cannot force release terminates on a subscriber already involved in a call.

## TBI\_FORCE\_RELEASE (end)

---

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

### Dependencies

The following parameters associate with the TBI feature:

- TBI\_OFFER in table OFCVAR
- TBI\_OPR\_TIMEOUT in table OFCVAR

The TBI feature affects the value of the following parameters:

- NO\_OF\_FTR\_CONTROL\_BLKs in table OFCENG
- NO\_OF\_FTR\_DATA\_BLKs in table OFCENG

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

### Parameter history

This parameter was introduced in BCS26.

---

**TBI\_OFFER**

---

**Parameter name**

Toll Break-in Offer

**Functional description**

International switching units with universal translations and the Toll Break-in (TBI) feature require this parameter.

In countries where toll circuits are not common because of high traffic or limited toll circuits, toll calls are often booked. When an operator tries to set up a booked call, one or both of the subscribers can be on other calls. The TBI feature allows the operator to interrupt a call that originates or terminates in a local office. This feature also allows the operator to make a toll call available to a subscriber during a call. The subscriber can accept or not accept the call.

This parameter specifies if the TBI feature is automatic, manual, or off. This parameter does not appear in countries that do not require this capability. The value of OFF guarantees the functionality of TBI does not change.

The TBI feature requires conference circuit board NT3X67BB. Conference circuit board NT3X67BB has the capability to produce TBI tone as a background tone while pulse-coded modulation (PCM) is connected. The NT3X67BB capability allows both speech and tone on the conference circuit.

Each toll break-in call requires a three port conference circuit.

**Provisioning rules**

The operator can automatically interrupt a call after the operator terminates on a busy line. Set the value of this parameter to AUTOMATIC.

Leave the value of this parameter at default MANUAL if the operator must use the re-ring/TBI key. The operator uses re-ring/TBI key to initiate a TBI after the operator terminates on a busy line.

**Activation**

Immediate

**Dependencies**

The TBI feature uses the following table OFCVAR parameters:

- TBI\_FORCE\_RELEASE in table OFCVAR
- TBI\_OPR\_TIMEOUT

## **TBI\_OFFER** (end)

---

The TBI feature changes the value of the following parameters:

- NO\_OF\_FTR\_CONTROL\_BLKs in table OFCENG
- NO\_OF\_FTR\_DATA\_BLKs in table OFCENG

### **Consequences**

None

### **Verification**

Not applicable

### **Memory requirements**

This parameter does not change memory.

### **Dump and restore rules**

A One Night Process (ONP) sets this parameter to the correct default value for the market.

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **MMP14**

This parameter is enhanced to allow for manual TBI.

#### **WT011**

This parameter is available to Europe and Japan customers.

#### **APC010**

AU2943 introduces this parameter to APC100.

#### **BCS26**

BCS26 introduces this parameter.

---

**TBI\_OPR\_TIMEOUT**

---

**Parameter name**

Toll Break-in Operator Timeout

**Functional description**

International switching units with universal translations and the Toll Break-in (TBI) feature require this parameter.

In countries where toll circuits are not common because of high traffic or limited toll circuits, toll calls are often booked. When an operator tries to set up a booked call, one or both of the subscribers can be on other calls. The TBI feature allows the operator to interrupt a call that originates or terminates in a local office. This feature also allows the operator to make a toll call available to a subscriber during a call. The subscriber can accept or not accept the call.

This parameter indicates the length of time, in seconds, that an operator can remain on a TBI call. This parameter indicates the maximum number of seconds that the operator can connect to the call.

When the operator breaks in on a call, the TBI tone sounds. The TBI tone advises subscribers that the operator is on the line as long as all parties are on the line.

**Rules in provisioning**

Indicate the length of time, in seconds if different from 20 s, that an operator can remain on a TBI call.

Indicate the length of time, in seconds, that an operator can remain on a TBI call.

Set the value to the minimum of 10 s if this feature does not apply.

**Range information**

The following table shows range information.

Minimum	Maximum	Default
10	300	20

**Activation**

Immediate

## **TBI\_OPR\_TIMEOUT** (end)

---

### **Dependencies**

The TBI feature uses the following table OFCVAR parameters:

- TBI\_FORCE\_RELEASE in table OFCVAR
- LOCAL\_TBI\_TONE
- TBI\_OFFER
- TBI\_CONNECT\_OPR\_A in table OFCVAR

The TBI feature changes the value of NO\_OF\_FTR\_CONTROL\_BLKs in table OFCENG.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not change memory.

### **Dump and restore rules**

A One Night Process (ONP) sets this parameter to the correct default value for the market.

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **WT011**

This parameter is available to Japan and Europe customers.

#### **APC010**

AU2943 introduces this parameter to the APC100 switch.

#### **BCS19**

BCS19 introduces this parameter to the DMS-100i switch.

---

## TCAPNM\_BLK\_QUERY\_PRIV\_DNS

---

### Parameter name

Transaction Capabilities Application Part Block Query of Private Directory Numbers

### Functional description

Switching units with Custom Local Area Signaling Systems (CLASS) feature Calling Name Delivery (CNAMD) Transaction Capabilities Application Part (TCAP) interfaces require this parameter.

This parameter specifies if the system queries the name database when one of the following occurs:

- calling party number has presentation restricted status
- calling party does not activate the following features:
  - Calling-Name-Delivery-Blocking (CNAB)
  - Calling-Name-and-Number-Delivery-Blocking (CNNB)
  - Calling-Name-and-Number-Delivery (CNND)

### Rules in provisioning

If the value of this parameter is Y (yes), the system does not query the name database. The system delivers a private indicator to the customer premise equipment (CPE) for the calling name.

If the value of this parameter is N (no), the system queries the name database. The queries to the name database do not depend on the presentation status of the calling party number.

### Range information

Minimum	Maximum	Default
		Y

### Activation

Immediate

### Dependencies

Does not apply



## **TCAPNM\_BLK\_QUERY\_PRIV\_DNS** (end)

---

### **Consequences**

If the value of this parameter is Y, the name database is not queried when the calling DN is private. A private indicator is delivered for the name.

### **Verification**

When the value of this parameter is Y:

- verify that the system does not perform a TCAP query for a blocked calling DN
- verify that the system delivers a private indicator to the CPE

When the parameter is set to N, verify that the system performs a TCAP query. When the system performs a TCAP query, the system displays the correct information from the name database.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## TCAPNM\_INTERLATA\_QUERY

---

**Parameter name**

Transaction Capabilities Application Part Name InterLATA Query

**Functional description**

Switching units with the Custom-Local-Area Signaling-Systems (CLASS) feature Calling-Name-Delivery (CNAMD) and Transaction-Capabilities-Application-Part (TCAP) interfaces require this parameter.

This parameter determines if inter Local-Access-Transport-Area (InterLATA) calls require a TCAP query to obtain name information.

**Rules in provisioning**

If the parameter is Y (yes), the system performs a TCAP query for InterLATA and IntraLATA calls.

If the parameter is N (no) and the call is InterLATA, the system does not perform a TCAP query. The customer premise equipment (CPE) of the called user (if the called line is to receive name information) receives an out-of-area indicator.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

If the parameter is N, the CPE of the called user for InterLATA calls receives an out-of-area or unavailable indicator.

## **TCAPNM\_INTERLATA\_QUERY** (end)

---

### **Verification**

If the parameter is Y, verify that a TCAP query is performed for InterLATA calls when:

- a calling name is required
- the TCAP method is to be utilized

If the parameter is N, verify that the system does not perform a TCAP query for the same InterLATA call.

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS36.

---

**TCMALARM**

---

**Parameter name**

Time Compressed Multiplex Synchronization Alarm

**Functional description**

Switching units with the Datapath feature require this parameter. This parameter specifies the threshold values for minor, major, and critical alarms. These alarms are activated if too many Datapath lines flag with time compressed multiplex (TCM) synchronization (SYNC) failures.

This parameter associates with the failure flag T.

**Rules in provisioning**

Specify the alarm thresholds for Datapath lines flagged as TCM SYNC failures. For example, the default value of 100 150 200 represents:

- a minor alarm threshold of 100 failures
- a major alarm threshold of 150 failures
- a critical alarm threshold of 200 failures

**Range information**

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

**Activation**

Use the ALMSTAT command at the LTP MAP level only to change this parameter. When the ALMSTAT command changes the parameter value, all current alarms are updated to reflect the failures with the new values.

**Dependencies**

Does not apply

**Consequences**

If the alarm threshold value is set too low, the alarm sounds often.

## **TCMALARM** (end)

---

### **Verification**

Simulate SYNC problems on Datapath lines. Verify that the alarms are activated.

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS27.

---

## TERM\_ARTER\_FREQUENCY

---

### Parameter name

Terminal ARTER Frequency

### Functional description

In Turkey, the following switching units require the ARTER trunk testing feature:

- DMS-200 (toll)
- DMS-100 (local)
- DMS-300 (gateway)

This parameter is not required for switching units in North America.

The term ARTER describes equipment for automatic transmission testing of outgoing trunks in the Turkish network. The ARTER feature:

- selects and seizes an outgoing trunk
- outputs a digit code
- connects to a 6805 test unit in the distant office

The two versions of the 6805 test unit are for two-wire trunks and four-wire trunks. Each trunk uses a different version.

This feature provides a DMS equivalent to the 6805 function for DMS-200, DMS-100 and DMS-300 switching units.

This feature allows local, toll, and gateway switching units to perform tests on outgoing trunks. The local, toll and gateway switching units can perform tests on outgoing trunks to a DMS-200, DMS-100 or DMS-300 switching unit.

This parameter indicates the frequency (Hz) at which the terminating ARTER test equipment generates the test tone.

### Rules in provisioning

The value of this parameter is set to one of the following:

- the value of parameter ORIG\_ARTER\_FREQUENCY in table OFCVAR
- the equivalent of ORIG\_ARTER\_FREQUENCY in the originating switching unit

## **TERM\_ARTER\_FREQUENCY** (end)

---

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
400	2800	804

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Refer to OM group OFZ for operational measurements associated with this parameter.

Refer to the *Operational Measurements Reference Manual* for a description of OM group OFZ.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS17.

---

**TERM\_ARTER\_LEVEL**

---

**Parameter name**

Terminating Arter Level

**Functional description**

In Turkey, switching units that require the ARTER trunk testing feature require this parameter. Switching units that require this parameter include:

- DMS-200 (toll)
- DMS-100 (local)
- DMS-300 (gateway)

This parameter is not required for switching units in North America.

The term ARTER describes equipment for automatic transmission testing of outgoing trunks in the Turkish network. The ARTER performs the following functions:

- selects and seizes an outgoing trunk
- outputs a digit code,
- connects to a 6805 test unit in the distant office.

The two versions of the 6805 test unit are for two-wire trunks and four-wire trunks. Each trunk uses a different version.

This feature provides a DMS equivalent to the 6805 function for DMS-200, DMS-100 and DMS-300 switching units.

This feature allows local, toll and gateway switching units to perform tests on outgoing trunks. The local, toll and gateway units can perform tests on outgoing trunks to DMS-200, DMS-100 or DMS-300 switching units.

This parameter indicates the level (dB) at which the terminating ARTER test equipment generates the test tone.

**Rules in provisioning**

Set the value of this parameter to one of the following:

- the value of parameter ORIG\_ARTER\_LEVEL in table OFCVAR
- the equivalent of ORIG\_ARTER\_LEVEL in the originating switching unit.



## TERM\_ARTER\_LEVEL (end)

---

### Range information

Minimum	Maximum	Default
10	10	0

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Refer to OM GROUP OFZ for operational measurements associated with this parameter.

Refer to the *Operational Measurements Reference Manual* for a description of OM group OFZ.

### Memory requirements

This parameter requires 1 word of memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

### Parameter history

This parameter was introduced in BCS17.

---

## TEST\_CALL\_AMR\_SPILL

---

**Parameter name**

Test Call AMR Spill

**Functional description**

Local non-LAMA switching units that use AMR4/5 formats for the automatic number identification (ANI) spill to a toll switching unit require this parameter.

**Rules in provisioning**

The value of this parameter must equal the test call billing number and include the category digits a test call requires.

**Range information**

Minimum	Maximum	Default
		505551212 (50 are the category digits)

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

## TEST\_CALL\_II\_SPILL

---

### Parameter name

Test Call II Spill

### Functional description

This parameter creates the automatic number identification (ANI) spill that a test call uses. The test call uses the spill when an automatic time and charges (ATC) trunk that uses Bell type signaling with two ANI ID digits is tested.

### Rules in provisioning

This parameter value must equal the test call billing number that a test call requires. The test call billing number contains a maximum of 18 digits.

### Range information

Minimum	Maximum	Default
		005551212

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

---

**TEST\_CALL\_II\_SPILL** (end)

---

**Parameter history**

**BCS16**

This parameter was introduced in BCS16.

## TEST\_CALL\_SPILL

---

### Parameter name

Test Call Spill

### Functional description

Local non-local automatic message accounting (non-LAMA) switching units that use Bell formats for the automatic number identification (ANI) spill to a toll switching unit require this parameter.

### Rules in provisioning

This parameter value must equal the test call billing number a test call requires.

### Range information

Minimum	Maximum	Default
		05551212 (0 = ID digit)

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

---

## TEST\_R2\_ANI\_DENY

---

**Parameter name**

TEST\_R2\_ANI\_DENY

**Functional description**

The parameter TEST\_R2\_ANI\_DENY is a BOOL that is datafilled with the values of Y or N. The ANI digits are controlled by this parameter and are sent out when the value is N.

**Provisioning rules**

This parameter controls the sending of ANI digits and has values of "Y" or "N".

**Range information**

Minimum	Maximum	Default
N	Y	N

**Activation**

Immediate.

**Dependencies**

None.

**Consequences**

The parameter is datafilled with either "Y" or "N".

**Verification**

Follow these instructions to verify that the TEST\_R2\_ANI\_DENY parameter is set to the correct value.

1. On a MAP terminal, invoke table OFCVAR by typing:  
table OFCVAR
2. Type:  
pos TEST\_R2\_ANI\_DENY

If the current value of the displayed parameter is set to N, it is listed as follows:

## **TEST\_R2\_ANI\_DENY** (end)

---

TEST\_R2\_ANI\_DENY      N

### **Memory requirements**

There are no memory requirements.

### **Dump and restore rules**

As this is a new parameter, data from previous loads or carrying out reformatting procedures is not required.

### **Parameter history**

#### **EURO08**

Office parameter TEST\_R2\_ANI\_DENY is created in table OFCVAR in EUR008.

---

## THRESHOLD\_IS\_SAMPLING

---

**Parameter name**

Log Sampling Threshold

**Functional description**

This parameter controls the action of log thresholding.

**Rules in provisioning**

If the value of this parameter is Y (yes), the system prints every Nth report.

If the value of this parameter is N (no), the system prints every report after the Nth.

The N is the value of field THRESHOLD in table LOGCLASS.

**Range information**

Minimum	Maximum	Default
		Y

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.



## TOLL\_DIVERSION\_SIGNAL

---

### Parameter name

Toll Diversion Signal

### Functional description

This parameter applies to originating lines and private branch exchange (PBX) trunks that have the toll diversion option. The PBX trunks include trunk group P2 and trunk group PX.

### Rules in provisioning

Specify if the type of TDV signal is WINK or REVERSAL. If the type of signal is WINK, specify the length of the WINK signal. Specify the length of the WINK signal in 10-ms units from 50 ms to 500 ms. Specify the time that the system waits for a disconnect after the application of the TDV signal. Specify the time in 10-ms units 0 ms to 1000 ms.

### Range information

Minimum	Maximum	Default
		REVERSAL 0

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

---

## TOPS\_CLD\_TIME\_AND\_CHG\_NO\_ACTS

---

**Parameter name**

TOPS Called Party Time And Charge Action

**Functional description**

This parameter is associated with 0- collect calls that require an operator. It allows the operating company to optionally route the called party to an operator for time and charges.

**Provisioning rules**

If this parameter is set to Y (yes), the called party is routed to an operator for time and charges.

If this parameter is set to N (no), the called party must remain off-hook and wait for a digital recorded announcement machine (DRAM) to quote the time and charges.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

For a 0- collect call requiring an operator, the operator keys `station collect', enters a forward number and outpulses to the called party. The operator keys time and charges for the called party and floats the call.

With the parameter set to Y, the call recalls to an operator so that time and charges can be quoted to the called party by the operator.

If this parameter is set to N, the call is routed to DRAM to quote the time and charges.

## **TOPS\_CLD\_TIME\_AND\_CHG\_NO\_ACTS** (end)

---

This parameter applies only to called party time and charges.

### **Verification**

Not applicable

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

This parameter was introduced in BCS29.

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_CROSS\_TEAM\_ROUTING

---

**Parameter name**

TOPS Cross Team Routing

**Functional description**

This parameter is for use in a switching unit with the Traffic Operator Position System (TOPS). It specifies whether assistance calls can go to an idle assistance position in a different team than the operator initiating the assistance request. The assistance position can then page an operator in a different team.

**Provisioning rules**

Set the value of this parameter to Y (yes) to allow cross team routing for assistance calls.

Leave the value of this parameter at the default of N (no) if this feature is not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.

## **TOPS\_CROSS\_TEAM\_ROUTING** (end)

---

### **Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_EA\_DNPC\_LOG\_GENERATION

---

**Parameter name**

TOPS Equal Access DNPC100 Log Generation

**Functional description**

This parameter is required for a switching unit with the Traffic Operator Position System (TOPS) Inter Local Access and Transport Area Carrier Service (TICS).

This parameter is used to stop the generation of the DNPC100 log.

**Provisioning rules**

The parameter can have the value ALL or TOPS\_LEAS\_ONLY.

Set the value of this parameter to ALL to cause the DNPC100 log to be produced for all cases.

Set the value of this parameter to TOPS\_LEAS\_ONLY to cause the log to be produced only for those calls that originate over a TOPS trunk that is providing LATA Equal Access System (LEAS) Service. TOPS calls without the LEAS service do not produce the log.

**Range information**

Minimum	Maximum	Default
		ALL

**Activation**

Immediate

**Dependencies**

This parameter applies only if the datafill in table TOPEATRK (field DNLOOK) indicates that a lookup must be done in table DNPIC to determine that the carrier and the calling number is not found in table DNPIC.

**Consequences**

Not applicable

## **TOPS\_EA\_DNPC\_LOG\_GENERATION** (end)

---

### **Verification**

Not applicable

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

This parameter was introduced in BCS26.

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_EA\_PROCESS\_T\_SEL

---

### Parameter name

TOPS Equal Access Process T Selector

### Functional description

This parameter is required for a Traffic Operator Position System (TOPS) Equal Access (EA) switching unit. It determine whether TOPS calls routed using T or S selectors are to receive TOPS EA processing without TOPS EA changing the index into table OFRT obtained by the pretranslator.

EA processing determines if a call routed with a T or S Selector is a carrier call. If it is a carrier call, the carrier number is determined, the EA class of service screening is set to allow conditional routing, and the carrier number is used in Automatic Message Accounting (AMA).

If this parameter is set to Y (yes), datafill in tables TOPEACAR, OCCINFO, and CLSVSCRC does not affect calls routed from the pretranslator with a T or S selector.

If a T or S Selector is used for international calls and this parameter is set to Y, international calls are not marked as InterLATA unless they are datafilled in table LATA XLA, since the translation system is not set by the pretranslator.

The use of this parameter is not recommended except for exceptional circumstances that cannot be handled by normal translations.

### Provisioning rules

Set the value of this parameter to Y (yes), if TOPS calls routed using T or S selectors are to receive TOPS EA processing without TOPS EA changing the index into table OFRT obtained by the pretranslator.

Leave the value of this parameter at the default of N (no) if TOPS calls routed using T or S selectors are to continue to receive their current processing.

### Range information

Minimum	Maximum	Default
		N



## **TOPS\_EA\_PROCESS\_T\_SEL (end)**

---

### **Activation**

Immediate

### **Dependencies**

Not applicable

### **Consequences**

If the parameter is incorrectly set, TOPS calls routed using T or S selectors receive TOPS EA processing.

### **Verification**

Make TOPS calls routed using T and S Selectors and verify that they receive TOPS EA processing, but that TOPS EA does not change the index into table OFRT obtained by the pretranslator when this parameter is set to Y.

Verify that TOPS calls routed using T or S Selectors continue to receive their current processing and routing when this parameter is set to N.

See OM group TOPSEA for the operational measurements associated with this parameter.

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

This parameter was introduced in BCS26.

Copy the existing value of this parameter when doing a dump and restore.

**TOPS\_FGB\_CC134****Parameter name**

TOPS Feature Group B Call Code 134

**Functional description**

This parameter is required for a Traffic Operator Position System (TOPS) Equal Access (EA) switching unit.

This parameter is used to determine whether non-operator handled TOPS feature group B (FGB) calls that would have produced AMA records with call code 251, structure code 734, are to produce AMA records with call code 134, structure code 625 (structure code 627 for long duration calls).

LATA Equal Access System (LEAS) FGB 950 calls arriving on a TOPS trunk are affected by this parameter.

LEAS feature group D (FGD) 950 calls arriving on a TOPS trunk are not affected by this parameter.

**Provisioning rules**

Set the value of this parameter to Y (yes), if non-operator handled TOPS FGB calls are to produce AMA records with call code 134.

Leave the value of this parameter at the default of N (no) if non-operator handled TOPS FGB calls are to produce AMA records with call code 251.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

## **TOPS\_FGB\_CC134** (end)

---

### **Consequences**

If the parameter is incorrectly set, an AMA record with a different call code and structure code than desired is produced.

### **Verification**

Make a non-operator handled TOPS FGB call and verify that an AMA record with call code 134, structure code 625 (or structure code 627 for long duration) is produced when the parameter is set to Y.

Verify that TOPS FGB calls continue to produce their current AMA records with call code 251 when this parameter is set to N.

### **Memory requirements**

Not applicable

### **Dump and restore rules**

This parameter was introduced in BCS26.

Copy the existing value of this parameter when doing a dump and restore.

---

**TOPS\_HOLD\_LOCAL**


---

**Parameter name**

TOPS Hold Local Calls

**Functional description**

This parameter is required in a switching unit with the Traffic Operator Position System (TOPS). It specifies whether a local call is to be held or routed forward immediately when an operator keys in KP FWD + Local + Number + START.

**Provisioning rules**

If this parameter is set to a value of Y (yes) the call is not routed forward until the operator keys in a second START.

If this parameter is set to a value of N (no) the call is routed immediately upon the operator keying in the first START.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.

**TOPS\_HOLD\_LOCAL** (end)

---

**Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

---

**TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY **\*\*OBSOLETE\*\*****


---

**Parameter name**

TOPS Database Origination Display

**Functional description**

This parameter allows the customer to specify a screen display (up to six characters) to replace the standard call origination display.

This impacts both TOPS-4 (SP) and TOPS-MP positions.

**Provisioning rules**

Specify the string of characters that replaces 0+ (zero plus) at the TOPS screen.

**Range information**

Minimum	Maximum	Default
	6-character value	MANUAL

**Activation**

Immediate

**Dependencies**

This parameter applies to all Automatic Calling Card Service (ACCS) calls dataBilled as MANUAL in table QUERYTYTYP.

Refer also to parameter TOPS\_MANUAL\_DATABASE\_ORIG in table OFCVAR.

**Consequences**

If the standard display for MANUAL query call arrivals is 0+ and parameter TOPS\_MANUAL\_DATABASE\_ORIG is set to Y, the string specified in this parameter is output in place of the 0+ on the TOPS screen.

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.

**TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY** **\*\*OBSOLETE\*\*** (end)

---

### **Dump and restore rules**

This parameter was introduced in BCS29.

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_MANUAL\_DATABASE\_ORIG

---

**Parameter name**

TOPS Manual Database Origination

**Functional description**

This parameter is required in a switching unit with the Traffic Operator Position System (TOPS). It allows the customer to replace the standard call origination display with a string of characters defined by parameter TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY.

This impacts both TOPS-4 (SP) and TOPS-MP positions.

**Provisioning rules**

Set the value of this parameter to Y (yes) to replace the standard call origination display at the TOPS screen.

Leave the value of this parameter at the default of N (no), if this function is not required.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

This parameter applies to all Automatic Calling Card Service (ACCS) calls datafilled as MANUAL in field VALTYPE of tables BNSPARMS and CCVPARMS.

Refer also to parameter TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY in table OFCVAR.

**Consequences**

If the standard display for MANUAL query call arrivals is 0+ and this parameter is set to Y, the string specified in



## **TOPS\_MANUAL\_DATABASE\_ORIG (end)**

---

TOPS\_MAN\_DATABASE\_ORIG\_DISPLAY is output in place of the 0+ on the TOPS screen.

### **Verification**

Not applicable

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

This parameter was introduced in BCS29.

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_OTC\_CARRIER\_NUMBER

---

**Parameter name**

TOPS Operating Telephone Company Carrier Number

**Functional description**

This parameter is required in a switching unit with the Bell Operating Companies (BOC) Traffic Operator Position System (TOPS) feature. It reserves a four-character carrier identification code (CIC) that is used to designate the operating telephone company (OTC) as a primary interLATA carrier (IC).

The range for each of the four characters is {N,1,2,3,4,5,6,7,8,9,0}. Therefore, the range of this parameter is {NNNN, and 0000 to 9999}. The default value is NNNN, which specifies that no CIC has been assigned as the OTC carrier for the office. The value NNNN signifies a "nil" carrier.

This parameter allows public stations (coin, coinless, and hotel lines) owned by the OTC to automatically route to the operator on all InterLATA calls.

The operator must enter a valid CIC in order to complete or transfer the call, because both outpulsing and transfer are blocked for the OTC primary IC.

**Provisioning rules**

Specify the four-character CIC (NNNN, and 0000 to 9999) that is used to designate the OTC as a primary IC.

**Range information**

Minimum	Maximum	Default
0000	9999	NNNN

**Activation**

Immediate

**Dependencies**

The CIC should be datafilled in table TOPEACAR with field OPSERV equal to SERV.

## **TOPS\_OTC\_CARRIER\_NUMBER** (end)

---

### **Consequences**

Not applicable

### **Verification**

Not applicable

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

This parameter was introduced in BCS21.

Copy the existing value of this parameter when doing a dump and restore.

---

## TOPS\_PARS\_TONE\_LENGTH

---

**Parameter name**

TOPS PARS Tone Length

**Functional description**

This parameter allows each Traffic Operator Position System (TOPS) office to customize the length of the dual tone multi-frequency (DTMF) D tone used to activate the PARS announcement sent from that office's vendor-specific PARS box. The need for a customized length is based on compatibility with different PARS box vendors.

**Provisioning rules**

The default value of this parameter is 10 (100 ms). Units for this parameter are in 10 ms increments. A setting of 5 equals a tone length of 50 ms. A setting of 95 equals a tone length of 950 ms. A setting of 250 equals a tone length of 2500 ms.

If not activated, the value of this parameter can be either the default value or the value set by the TOPS directory assistance (DA) office.

**Range information**

Minimum	Maximum	Default
0	255	10

**Activation**

Immediate

**Dependencies**

The office parameter TOPS\_DA\_PARS\_ENABLE in table OFCOPT must be set to Y in order for this office parameter to be used. The value of this parameter remains the same whether or not it is activated.

This office parameter appears only when the TOPS office contains the DA software package.

## **TOPS\_PARS\_TONE\_LENGTH** (end)

---

### **Consequences**

If the value of this parameter is set to 0 (zero), no call arrival tone is generated for the DA call and the PARS box is not activated to send the announcement. No call arrival tone or announcement is heard by the operator or subscriber.

If the value of the parameter is set to too low, the call arrival DTMF tone that is generated is too short to activate the announcement from the PARS box.

If the value is set too high, the DTMF tone continues to play after the announcement has been activated by the PARS box. Both the tone and all or part of the announcement are heard simultaneously.

### **Verification**

The office parm TOPS\_DA\_PARS\_ENABLE must be set to Y for this parm to be used. When this is done, this parameter is automatically used when the DTMF D tone is sent as the call arrival tone.

### **Memory requirements**

This parameter value requires 1 word of memory.

### **Dump and restore rules**

This parameter was introduced in BCS31.

This software must be retained during a BCS change.

---

## TOPS\_START\_OF\_DAY

---

**Parameter name**

Traffic Operator Position System Start Of Day

**Functional description**

This parameter specifies the time of day (hours and minutes) that the printing of force management statistics on Traffic Operator Position System (TOPS) devices starts.

**Provisioning rules**

Specify the time of day (using the 24-hour clock) that the printing of force management statistics on TOPS is to start.

The value of this parameter must correspond to a valid 24-hour clock time. If an invalid value is used (for example, 1177) this parameter does not function.

**Range information**

Minimum	Maximum	Default
0 (zero)	2359	0

**Activation**

The change is activated at the time of the start of a new day.

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Confirm that the cold restart recommended message is not displayed when the office parameter is changed. Confirm that the force management data continues to accumulate after this parameter is changed, and that the force management data begins printing at the newly assigned start of day.

**Memory requirements**

This parameter has no memory impact.

## **TOPS\_START\_OF\_DAY** (end)

---

### **Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

---

**TOPS\_TAC\_RECALL**


---

**Parameter name**

TOPS Time And Charge Recall

**Functional description**

This parameter gives the operating company the ability to activate or deactivate time and charge recalls to Traffic Operator Position System (TOPS) operators.

**Provisioning rules**

Set the value of this parameter to Y (yes) so that calls for which the subscriber has requested time and charges are returned to an operator on disconnect for immediate voice quote.

Set the value of this parameter to N (no) so that time and charge messages are routed to a voice quote time and charge terminal on the premises. The subscriber is called back later by the voice-quote attendant.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.



**TOPS\_TAC\_RECALL** (end)

---

**Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.

---

**TOPS\_TANDEMED\_411\_CC009**


---

**Parameter name**

TOPS Tandemed 411 Call Code 009

**Functional description**

This parameter is required for a switching unit with the Traffic Operator Position System (TOPS) and Bellcore Automatic Message Accounting.

This parameter specifies whether Centralized Automatic Message Accounting (CAMA) (1+DD, ONI, ANIF) 411 directory assistance (DA) calls, that do not index table TOPS during translations and are forwarded to a DA center, receive call code 009, structure code 724.

This parameter does not affect 411 DA calls if TOPS provides the DA service.

**Provisioning rules**

If the value of this parameter is set to Y (yes), CAMA 411 DA calls produce AMA records with call code 009, structure code 724.

If this parameter is left at the default value of N (no), CAMA 411 DA calls produce AMA records with call code 006, structure code 700.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

If the value of this parameter is incorrectly set, loss of revenue can result for 411 DA calls that do not index table TOPS during translations and are forwarded to a DA center.

## **TOPS\_TANDEMED\_411\_CC009** (end)

---

### **Verification**

Set the value of this parameter to Y. Make a CAMA 411 DA call that does not index table TOPS during translations and is forwarded to a DA center. Verify that an AMA record with call code 009, structure code 724 is generated.

### **Memory requirements**

This parameter has no memory impact.

### **Dump and restore rules**

This parameter was introduced in BCS27.

Copy the existing value of this parameter when doing a dump and restore.

---

**TOPS\_THIRD\_BILL\_ACC\_REQD\_SET**

---

**Parameter name**

TOPS Third Number Billing Acceptance Required Set

**Functional description**

This parameter allows the operating company to specify which types of calling stations must obtain billing acceptance from the operator.

For TOPS operator calls billed to a third number, field VALTYPE in tables BNSPARMS and CCVPARMS is referenced to determine whether a billing number services (BNS) query should be sent to a database (either LIDB or BVA).

The response from such a query may indicate one of three basic conditions:

1. The third party accepts all third number billing automatically. Since billing has been satisfied, the forward (called) number is automatically outpulsed.
2. Billing to the third number is denied. The billing number is considered to be invalid, and the call may not be floated without changing the billing. The forward number is not automatically outpulsed.
3. All other responses are considered indeterminate. The database could not make a definitive judgment as to whether the third number billing was automatically accepted or was invalid.

Operator practice typically determines whether billing acceptance must be obtained for such a call. Based on the type of station from which the calling party is making the call, the operator may decide to either allow the billing outright, or to attempt to obtain billing acceptance from the third party.

In condition 3 above, if operator practice dictates billing should be accepted outright, then automatic outpulsing of the forward number is desirable. If operator practice dictates billing acceptance should be obtained, then automatic outpulsing of the forward number should not occur, since the operator must first connect to the third party to obtain acceptance.

If the station type of the calling party is present in the set specified by the parameter, automatic outpulsing does not occur, since billing acceptance must first be obtained from the third party.

If the station type of the calling party is not present in the set, automatic outpulsing occurs, since billing acceptance need not be obtained.

## **TOPS\_THIRD\_BILL\_ACC\_REQD\_SET** (continued)

---

This parameter applies both to calls for which a LIDB BNS query is performed and those for which a BVA query is performed.

### **Provisioning rules**

Specify a set of values that may contain some or all of the following values:

- STATION calls that originate from a non-coin, non-hotel line with no restrictions
- HOTEL calls that originate from a hotel
- COIN calls which originate from a coin phone
- RESTCOIN calls that originate from a restricted coin phone
- RESTNCN calls that originate from a non-coin restricted phone
- NONE

The default setting of NONE indicates that billing acceptance is not required for the call types affected by the parameter and that automatic outpulsing of the forward (called) number at a TOPS position occurs if an indeterminate response to a BNS query is received for a third-number billed call.

### **Range information**

Minimum	Maximum	Default
		NONE

### **Activation**

Immediate

### **Dependencies**

Not applicable

### **Consequences**

Not applicable

### **Verification**

Automatic outpulsing should NOT occur upon receipt of an indeterminate third number BNS query result for a call whose calling station type is present in the parameter set. It should occur for those which are not present in the set.

---

**TOPS\_THIRD\_BILL\_ACC\_REQD\_SET** (end)

---

**Memory requirements**

This parameter has no memory impact.

**Dump and restore rules**

This parameter was introduced in BCS30.

Copy the existing value of this parameter when doing a dump and restore.

## **TOPS\_VERIFICATION\_BARGE\_IN**

---

### **Parameter name**

Traffic Operator Position System Verification Barge In

### **Functional description**

The TOPS busy line verification option (KP VFY key) allows a TOPS operator to connect to a call in progress in an end switching unit in the serving area, either to verify that the line is being used (as opposed to being out of service), or to reach a subscriber whose line is busy in an emergency.

If an operator is to be prevented from eavesdropping on a subscriber, a scrambler circuit can be inserted in the speech path. If the operator wishes to interrupt the call, the scrambler circuit is removed, but a warning tone is sent every 10 s to alert the subscriber to the fact that an operator is there, in case the operator does not speak.

To remove the scrambler circuit from the voice path, a wink signal is sent to the scrambler circuit's outgoing trunk.

The scrambler circuit is provided as a pair of trunks; an outgoing trunk to be connected to the operator, via the three port conference circuit, and an incoming trunk which is then connected to the desired switching unit. The actual voice scrambler and its control circuitry are used to connect the outgoing trunk to the incoming trunk in a loop back configuration.

This parameter specifies which one of three methods of verification is used when the operator verifies a number.

### **Provisioning rules**

If the operator's voice is to be connected to verification connection immediately, the operator keys KP VFY - digits - START, the parameter value should be set to BARGE\_IN. Scrambler circuits cannot be used when the parameter is set to this value.

If the operators voice is not to be connected to the verification connection until the operator keys KP VFY - START after setting up the connection, the parameter value should be set to MONITOR. Scrambler circuits cannot be used when the parameter is set to this value.

If the operators voice is not to be connected to the verification connection until the operator keys KP VFY - START after setting up the connection and a wink is to be generated to control the scrambler circuit, the parameter value must be set to SCRAMBLE. Scrambler circuits are required when this parameter is set to this value.

---

**TOPS\_VERIFICATION\_BARGE\_IN** (end)

---

**Range information**

Minimum	Maximum	Default
		MONITOR

**Activation**

Immediate

**Dependencies**

Not applicable

**Consequences**

Not applicable

**Verification**

Not applicable

**Memory requirements**

This parameter has no memory impact.

**Dump and restore rules**

Copy the existing value of this parameter when doing a dump and restore.



## TRA125M1\_SCAN\_RATE

---

### Parameter name

TRA125M1 Scan Rate

### Functional description

Local or combined local and toll switching units with the Operational Measurement Data Modification Order Selectable Subscribers Line Usage Scan Interval (Optional SLU) feature require this parameter. This parameter specifies the scan rate in 10-s intervals for the traffic use register TRA125M1.

### Rules in provisioning

At initial program load time this parameter is set to the default value of 10 (100 s).

### Range information

Minimum	Maximum	Default
1	32767	10

### Activation

Immediate (if optional SLU Scan Rate Interval software is provided)

### Dependencies

This parameter appears if the value of office parameter OPTIONAL\_SLU\_FEATURE in table OFCOPT is Y (yes).

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter requires 1 word of memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

---

**TRA125M2\_SCAN\_RATE**


---

**Parameter name**

TRA125M2 Scan Rate

**Functional description**

Local or combined local and toll switching units with the Operational Measurement Data Modification Order Selectable Subscribers Line Usage Scan Interval (Optional SLU) feature require this parameter. This parameter specifies the scan rate in 10-s intervals for the traffic use register TRA125M2.

**Rules in provisioning**

At initial program load time this parameter is set to the default value of 10 (100 s).

**Range information**

Minimum	Maximum	Default
1	32767	10

**Activation**

Immediate (if optional SLU Scan Rate Interval software is provided)

**Dependencies**

This parameter appears if the value of office parameter OPTIONAL\_SLU\_FEATURE in table OFCOPT is Y (yes).

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

## TRA250M1\_SCAN\_RATE

---

### Parameter name

TRA250M1 Scan Rate

### Functional description

Local or combined local and toll switching units with the Operational Measurement Data Modification Order Selectable Subscribers Line Usage Scan Interval (optional SLU) feature require this parameter. This parameter specifies the scan rate in 10-s units for the traffic use register TRA250M1.

### Rules in provisioning

Specify the scan rate for the traffic use register TRA250M1 in 10-s units.

At initial program load time this parameter is set to the default value 10 (100 s).

### Range information

Minimum	Maximum	Default
1	32767	10 (100 s)

### Activation

Immediate (if optional SLU Scan Rate Interval software is provided)

### Dependencies

This parameter appears if the value of office parameter OPTIONAL\_SLU\_FEATURE in table OFCOPT is Y (yes).

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of the parameter when you perform a dump and restore.

---

## TRANSLATION\_OPTIONS

---

**Parameter name**

Translation Options

**Functional description**

This parameter gives you the ability to select translation treatment options for 1+7D and direct dial service code (SCD) calls.

**Provisioning rules**

The first field in this parameter, `tmt_pdil_for_pfx10`, allows you to choose between partial dial (PDIL) and misdirected CAMA call (MSCA) when a 1+7D call is routed to treatment. Set this value to Y to route 1+7D calls to PDIL treatment. Set this value to N to route 1+7D calls to MSCA treatment. N is the default.

The second field, `no_tmt_for_scd`, allows you to choose whether direct dial SCD calls complete or go to MSCA treatment. Set this field to Y for the SCD call to complete. Set this field to N for the SCD call to route to MSCA treatment. N is the default.

**Range information**

Minimum	Maximum	Default
		N ( <code>tmt_pdil_for_pfx10</code> )
		N ( <code>no_tmt_for_scd</code> )

**Activation**

Immediate

**Requirements**

Not applicable

**Results**

Not applicable

## **TRANSLATION\_OPTIONS** (end)

---

### **Testing**

Set field `tmt_pdil_for_pfx10` to N and make a 1+7D call. The call routes to MSCA treatment. Set field `tmt_pdil_for_pfx10` to Y and make a 1+7D call. The call routes to PDIL treatment.

Set field `no_tmt_for_scd` to N and make an SCD call. The call routes to MSCA treatment. Set field `no_tmt_for_scd` to Y and make an SCD call. The call completes.

### **Memory requirements**

This parameter value requires one word of memory.

### **Dump and restore rules**

Not applicable

### **Parameter history**

#### **NA012**

SR 10237061 adds field `no_tmt_for_scd` to this parameter.

#### **NA010**

Feature BY67346 adds this parameter in release NA010.

---

**TRK\_OOS\_CHK\_ON**

---

**Parameter name**

Trunk Out Of Service Check On

**Functional description**

This parameter specifies if a check is made when the trunks in a trunk group are out of service. The trunks are out of service when the values of exact fields in the table TRKGRP are changed by data modification order.

**Rules in provisioning**

If this parameter is Y (yes), a check is made to see if the trunks in a trunk group are out of service. This check is made when the values of exact fields in the table TRKGRP are changed by data modification order.

If the value of this parameter is N (no), the system does not make this check.

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

This parameter affects each section that describes the different trunk group types in table TRKGRP.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**TRK\_OOS\_CHK\_ON** (end)

---

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

---

## TRKLPBK\_TIMEOUT\_IN\_MINUTES

---

### Parameter name

Trunk Loopback Timeout in Minutes

### Functional description

An SL-100, local or toll switching unit with the Dialed Loopback on Trunks feature requires this parameter. This parameter specifies the trunk loopback timeout in 1-min intervals.

The Dialed Loopback on Trunks feature can provide automatic loopbacks for trunks that are DS-0 channels. The loopback points are at the DMS-100 network module (NM) and looping back is on the same trunk. To access these loopbacks, incoming or two-way trunks must dial an access code to the switching unit. The access code must be incoming digits and must be able to contain data. The terminating switching unit sends an answer signal to the originating switching unit when the loopback is complete.

The access codes listed in the following table are for different switching centers across a nation. Unify the entries of the access codes so different switches at the same level in the switching network hierarchy contain the same data.

#### Access code unification

Center	Access Code
local/PBX switching unit	5667
toll center	109
primary center	110
sectional center	111
regional center	112

### Rules in provisioning

Specify the trunk loopback timeout in minutes.

After the trunk loopback timeout lapses, the system disconnects the call. The call goes to the idle state.

Leave the value of this parameter at the default of 20 if this feature is not required.



## **TRKLPBK\_TIMEOUT\_IN\_MINUTES** (end)

---

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
20	15300	20

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Does not apply

### **Verification**

Dial a trunk loop around access code from a telephone or a data unit. Verify that the call disconnects and goes to the idle state after the time specified for this parameter.

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS24**

This parameter was introduced in BCS24.

---

## TRUNK\_QUERY\_AUDIT\_START\_TIME

---

**Parameter name**

Trunk Query Audit Start Time

**Functional description**

A switching unit with the Common Channel Inter-office Switching feature requires this parameter.

This process sends a trunk query message for each equipped band in the switching unit. When the process receives the reply, the process takes action to correct any problems that occur. When this process ends, all the equipped trunks in the switching unit are in a compatible state. All the equipped trunks in the switching unit are in a compatible state to that of the far end switching unit.

This parameter specifies the time of day the Trunk Query Audit process runs.

**Rules in provisioning**

You must specify the start time for the trunk query audit process in hours (00 to 23) and minutes (00 to 59).

**Range information**

Minimum	Maximum	Default
		0 0 (midnight)

**Activation**

Immediate

The change occurs after the next scheduled wakeup.

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

## **TRUNK\_QUERY\_AUDIT\_START\_TIME** (end)

---

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

---

## TSO\_FIRST\_STAGE\_TIMEOUT

---

### Parameter name

Two-Stage Outpulsing First Stage Timeout

### Functional description

A local or toll switching unit with International translations and two stage outpulsing (TSO) for international calls requires this parameter. The user can only use this parameter with UNIVXLA tables xxRTE that use the value TSO in the RTESEL field. The system defines this field with a trunk CLLI that has TRKSGRP field SIGDATA set to the SIGSYS value. The system defines this field with a trunk CLLI. The trunk CLLI has the LNOGSSI field reference table LNSIGSYS data values of NTLIS01 or NTLIS02. The trunk can be on an International Line Trunk Controller (ILTC) or International Digital Trunk Controller (IDTC) peripheral. The ILTC and IDTC have WINK or delay dial line signaling.

The TSO uses a modified version of R1 signaling system. The TSO uses one or more intermediate toll centers to provide indirect access to an International Switching Center (ISC).

The system uses a primary set of digits to route the call to the ISC. The system outpulses a second set of digits that contains the called number. The system can specify more than 12 digits.

For the TSO, the originating switch seizes a trunk to the toll switch and outpulses a code based on the country code. The system routes the call to the ISC switch. The ISC terminates the call and sends a backward signal (a wink) to the originating switch. The originating switch outpulses the required destination number. This second stage of outpulsing whistles through MF tones to reach the distant ISC switch directly.

This parameter specifies the maximum time to wait for a wink signal after the outpulsing of the first set of digits.

### Rules in provisioning

You must specify the maximum time, in 10-ms intervals, to wait for the outpulsing of a wink signal. A wink signal outpulses after the first set of digits.

## **TSO\_FIRST\_STAGE\_TIMEOUT** (end)

---

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
0	64000	9000 (90 seconds)

### **Activation**

Immediate

### **Dependencies**

The OFCRTE table contains the first set of defined outpulsed digits.

### **Consequences**

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter does not impact memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS21**

This parameter was introduced in BCS21.

---

**TSTLN\_OP\_DELAY**

---

**Parameter name**

Test Line Outpulsing Delay

**Functional description**

This parameter specifies the length of time, in seconds, of the delay. The delay occurs between trunk seizure and digit outpulsing for testline-type trunk tests. This delay is available during the execution of the OP (outpulse) and TST (test) commands or during automatic trunk testing (ATT).

The delay that this parameter specifies allows time for older mechanical offices that are tested to attach a digit receiver.

**Rules in provisioning**

Specify the length of time of the delay between trunk seizure and digit outpulsing for testline-type trunk tests.

**Range information**

Minimum	Maximum	Default
0	3	0

**Activation**

Immediate

**Dependencies**

Table TSTLCONT contains testline digits required for trunk testing.

**Consequences**

Does not apply

**Verification**

Use the command PMIST to check that the specified delay time occurs between trunk seizure and the outpulsing of digits. Delay time occurs between trunk seizure and the outpulsing of digits during the execution of the OP and TST commands. Delay time occurs between trunk seizure and the outpulsing of digits during automatic trunk testing (ATT).

## **TSTLN\_OP\_DELAY** (end)

---

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS36**

This parameter was introduced in BCS36.

---

## TTR\_SELECTION\_OPTION

---

### Parameter name

Automatic Trunk Testing Report Selection Option

### Functional description

The Automatic Trunk Testing Report (TTR) feature requires this parameter in switching units.

The purpose of the TTR feature is to transfer the scheduled automatic trunk testing results. The TTR feature transfers the scheduled automatic trunk testing results to a device independent recording package (DIRP) file.

The TTR uses the ownership facility that the Customer Network Data Changes feature introduced. The facility identifies the trunk that belongs to each user. The operating company can specify the trunk groups that belong to a specified customer.

The system captures all current TTR reports. The system makes sure of user access only to trunks that belong to that user. The system formats the record to a standard format. The DIRP can transfer this standard formatted record to the appropriate stream based on trunk group ownership. An operating company sets up the datafill for the Customer Network Changes feature. The operating company makes sure that centrex users have access only to specified trunk groups.

At scheduled testing intervals, the ATT process generates a report through the log system. This parameter transfers the TTR results to a DIRP file. The DIRP file does not need to contain trunk test results for all trunk groups tested. The DIRP file can include or exclude results based on the ownership of the trunk group.

Customer ownership tables allow the system to classify each trunk group as TELCO or CUSTOMER owned. The system normally prints all the trunk group reports on a log device. This parameter provides the ability to select which class of trunk groups to place on the DIRP file.

The system classifies each trunk group common language location identifier (CLLI) as TELCO or CUSTOMER owned. The file contains selectively stored TTR data that associates with a CLLI. This data depends on the value of the parameter. If table DATAOWNER is not present, the user can assume that all of the trunks are TELCO owned. The table DATAOWNER determines the customer that owns a trunk.



## TTR\_SELECTION\_OPTION (continued)

---

This feature can handle one customer only. This feature does not provide a difference between customers in a multicustomer environment.

### Rules in provisioning

You must set the value of this parameter to NO\_DATA if TTR data is not stored on file.

You must set the value of this parameter to ALL\_DATA if you have both TELCO and CUSTOMER data stored on file.

You must set the value of this parameter to TELCO\_DATA if you have only TELCO data stored on file.

You must set the value of this parameter to CUSTOMER\_DATA if you have only CUSTOMER data stored on file.

### Range information

Minimum	Maximum	Default
		ALL_DATA

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

---

**TTR\_SELECTION\_OPTION** (end)

---

**Parameter history**

**BCS19**

You will find this parameter introduced in BCS19.

## UDIAGALARM

---

### Parameter name

Utility Line Card Diagnostic Alarm

### Functional description

This parameter sets the alarm thresholds for the utility line card diagnostic failure flag of U under the heading F. This parameter sets the alarm thresholds for a posted line at the MAP terminal.

A utility line card is the power supply card located on the line drawer. The power supply card can be +48 Volt. A utility line card is the power supply card located on message waiting lamp power supply cards.

The system maintains a counter and three threshold levels for the failure type. The threshold levels are minor, major, and critical. An alarm condition occurs when one or more of the failure counters exceeds a threshold level.

### Rules in provisioning

Specify the alarm threshold for the utility line card diagnostic failure flag. The default value of 100 150 200 represents a minor alarm threshold of 100 failures. The default value of 100 150 200 represents a major alarm threshold of 150 failures. The default value of 100 150 200 represents a critical alarm threshold of 200 failures.

### Range information

Minimum	Maximum	Default
0 0 0	32767 32767 32767	100 150 200

### Activation

Use the ALMSTAT command at the LTP MAP level to modify this parameter. When you use the ALMSTAT command to modify the value, the system updates all current alarms to reflect the failures with the new values.

### Dependencies

Does not apply

### Consequences

Does not apply

### **Verification**

Does not apply

### **Memory requirements**

This parameter requires 1 word of memory.

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **BCS19**

This parameter was introduced in BCS19.

## USAID\_CLID\_BLK\_SC

---

### Parameter name

USAID\_CLID\_BLK\_SC

### Functional description

The system enters office parameter USAID\_CLID\_BLK\_SC with a digit string in table OFCVAR. The digit string, which consists of 1 to 5 characters, outpulses to the Intelligent Peripheral during a USAID call. This digit string outpulses to the Intelligent Peripheral during a USAID call when Calling Line Identification (CLID) blocking is in effect.

### Rules in provisioning

The recommended service code value is a five-digit string.

### Range information

Minimum	Maximum	Default
1-character digit string (1 to 9, \$, or *)	5-character digit string (1 to 9, \$, or *)	NULL string

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

You must enter this parameter to make sure that a service code outpulses when CLID blocking is in effect.

### Verification

Does not apply

### Memory requirements

This parameter requires 5 bytes of data store.

**USAID\_CLID\_BLK\_SC** (end)

---

**Dump and restore rules**

There are no changes required for dump and restore. There are no changes required for TabXfer. Normal tables processes do not change.

**Parameter history**

**CCM03**

This parameter was introduced in CCM03.

## UVM\_DEPOSIT\_PRIV\_DN\_TMT

### Parameter name

UVM\_DEPOSIT\_PRIV\_DN\_TMT

### Functional description

This parameter specifies an announcement common language location identifier (CLLI) or a DMS standard treatment. The system must route a UVM Deposit call to this treatment. The system must route a UVM Deposit call when the system attempts to deposit a message. The system attempts to deposit a message to a DN marked private in the outgoing call memory (OCM).

### Rules in provisioning

Does not apply

### Range information

The parameter UVM\_DEPOSIT\_PRIV\_DN\_TMT can have one of two possible values.

Field	Subfield or refinement	Entry	Explanation and action
ERRTREAT		Refer to subfields	<i>Error treatment</i> Enter the method by which the system provides treatment. Perform this action when the system attempts to deposit a message to a private DN.
	TREATMT	DMSTREAT <treatment>	<i>DMS treatment</i> Enter the name of a DMS standard treatment from table TMTCNTL. Default value is RODR.
	CLLI	ANNCLLI <cli>	<i>Announcement CLLI</i> Enter the CLLI of an announcement from table CLLI.

### Activation

Immediate

---

**UVM\_DEPOSIT\_PRIV\_DN\_TMT** (end)

---

**Dependencies**

No current data table or office parameter depends on this office parameter. UVM\_DEPOSIT\_PRIV\_DN\_TMT depends on the following items to function correctly.

- If UVM\_DEPOSIT\_PRIV\_DN\_TMT appears as an announcement CLLI, tables CLLI, ANNS, and ANNMEMS must contain the correct announcement CLLI.
- If UVM\_DEPOSIT\_PRIV\_DN\_TMT appears as a DMS standard treatment, table TMTCNTL must contain the specified treatment.

These conditions are not enforced. If the tables are not entered correctly, the system provides a default treatment.

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter requires 1 byte of memory.

**Dump and restore rules**

This parameter requires dump and restore.

**Parameter history****CDNB004**

This parameter was introduced in CDNB004.



## VARIABLE\_STUTTER\_DIALTONE\_TIMING

---

### Parameter name

Variable Stutter Dialtone Timing.

### Functional description

This parameter specifies the time, in seconds, that subscribers with stuttered dialtone (STD) as the message waiting indicator (MWI) hear STD. After this time duration, subscribers hear steady dialtone. This process occurs when the system queues a message. The system queues a message against the line of the subscriber.

### Rules in provisioning

Specify the time that a subscriber with an MWI of STD hears STD before the subscriber hears steady dialtone. The subscriber hears steady dialtone when the system queues a message against the line of the subscriber.

A value of 0 (zero) indicates that the subscriber hears STD as an MWI. The subscriber hears STD as an MWI if the system queues a message until the subscriber dials digits.

### Range information

Minimum	Maximum	Default
0	7	0

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

If the value of this parameter is too low, the subscriber cannot hear the STD when the subscriber raises the handset.

### Verification

Check that this parameter is operational. Queue a message against a line with STD as the MWI. Go off-hook. Check that the subscriber hears STD for the number of seconds that this parameter specifies.

---

**VARIABLE\_STUTTER\_DIALTONE\_TIMING** (end)

---

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

**Parameter history**

This parameter was introduced in BCS36.

---

## WHOS\_CALLING\_ENABLED

---

**Parameter name**

Who's Calling Enabled

**Functional description**

The Who's Calling feature recognizes "private" or "unavailable" numbers and responds with an application that requests, records, and delivers the caller's name. This parameter is used to specify if Who's Calling Enabled (WHOS\_CALLING\_ENABLED) functionality is supported by the office.

**Provisioning rules**

None

**Range information**

The range information is as follows:

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Requirements**

Not applicable

**Results**

Not applicable

**Testing**

Not applicable

**Memory requirements**

Not applicable

**Dump and restore rules**

During a software upgrade from a pre-NA013 load to a NA013 or above load, the WHOS\_CALLING\_ENABLED office parameter will always take its default value of "N".

## **Parameter history**

This parameter was created in CCM13.

## WLC\_OV\_REPORTING

---

### Parameter name

World Line Card Overvoltage Condition Reporting

### Functional description

A switching unit with world line cards (WLC) requires this parameter. This parameter enables and disables the WLC overvoltage reporting feature.

The WLC overvoltage reporting feature indicates WLCs that report a continuing steady-state overvoltage condition for line card types 6X17BA and 6X18BA. This condition occurs in the following line concentrating devices:

- North American expanded memory line concentrating modules (XLCM)
- expanded memory international LCM (XILCM)
- enhanced integrated services digital network LCM (LCME)
- small remote unit (SRU)

The WLC overvoltage conditions cause the system to generate a LINE 132 log and the major alarm HAZ. The system generates this log and the major alarm at the LNS level of the MAP.

### Rules in provisioning

Does not apply

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate

The value of this parameter does not change after a restart.

### Dependencies

Does not apply

---

**WLC\_OV\_REPORTING** (end)

---

**Consequences**

If the user does not set the value of this parameter to Y, WLC lines can be in an unreported dangerous state.

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore. The value of this parameter does not change after a restart.

**Parameter history****BCS36**

You can find the parameter description added in BCS36.

**BCS35**

You can find this parameter introduced in BCS35.

## WLN\_DEFAULT\_TIMEOUT

---

### Parameter name

Warm Line Default Timeout

### Functional description

A local switching unit (international) with universal translations requires this parameter. This parameter specifies the default timeout, in 1-s intervals, for the Warm Line (WLN) feature.

The WLN feature allows the subscriber to reach a specified destination. The subscriber does not dial any digits.

### Rules in provisioning

The timeout value for the WLN feature assigned to the line in table LENFEAT can have a value of 0 (zero). When this condition occurs, the system uses the value of the WLN default timeout parameter.

If the WLN feature is not required, leave the parameter at the default value.

### Range information

Minimum	Maximum	Default
1	20	5

### Activation

Immediate

### Dependencies

Assign the activate, deactivate, and interrogate codes to program the WLN feature in table ACCODE.

To assign this feature to a line, assign the WLN option in table LENFEAT or by service order.

### Consequences

Does not apply

### Verification

Does not apply

---

## WLN\_DEFAULT\_TIMEOUT (end)

---

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

### Parameter history

#### BCS22

This parameter was introduced in BCS22.



## WML\_ACCESS\_CODE

---

### Parameter name

Warm Line Access Code

### Functional description

This parameter specifies the two-digit access code that a subscriber with the customer modifiable Warm Line feature (WML) dials. A subscriber dials this two-digit access code to update the directory number that receives forwarded calls.

### Rules in provisioning

Specify the two-digit access code that a subscriber with WML requires. The subscriber requires this code to update the directory number that receives forwarded calls.

### Range information

Minimum	Maximum	Default
20	99	77

### Activation

Immediate

### Dependencies

Does not apply

### Consequences

Does not apply

### Verification

Does not apply

### Memory requirements

This parameter does not impact memory.

### Dump and restore rules

Copy the current value of this parameter when you perform a dump and restore.

---

## XBAR\_OVERFLOW\_ON

---

**Parameter name**

XBAR Overflow On

**Functional description**

Use this parameter to turn the overflow group checking on and off.

If all overflow common language location identifiers (CLLI) are correct, the system verifies that calls do not loop between the two offices. The system makes sure that if an incoming call is satellite, the overflow group for that call is satellite.

**Rules in provisioning**

Set the value of this parameter to Y (yes) to activate overflow group checking.

If you do not require this feature, leave the value of this parameter at the default of N (no).

**Range information**

Minimum	Maximum	Default
		N

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **XBAR\_OVERFLOW\_ON** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

This parameter was introduced in BCS15.

**XBARCAB1****Parameter name**

XBAR Overflow Trunk Common Language Location Identifier 1

**Functional description**

A DMS-300 switch requires this parameter. This parameter specifies the Common Language Location Identifier (CLLI) of the overflow trunk. This trunk handles non-satellite calls that overflow from the DMS or X-Bar switch. These calls were non-satellite when the calls entered the DMS or X-Bar switch.

The overflow trunk group must be a No.5 trunk group. You must mark the overflow trunk group as a non-satellite trunk or it must appear in table SATOVER.

**Rules in provisioning**

Specify the CLLI of the overflow trunk that handles non-satellite calls that overflow from the DMS or X-Bar switch. These calls were non-satellite when the calls entered the DMS or X-Bar switch.

**Range information**

Minimum	Maximum	Default
		DUMPANDRESTORE

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **XBARCAB1** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **CSP03**

The warm restart activation requirement was removed in CSP03.

#### **BCS15**

This parameter was introduced in BCS15.

**XBARCAB2****Parameter name**

XBAR Common Language Overflow Trunk Location Identifier 2

**Functional description**

A DMS-300 switch requires this parameter. This parameter specifies the Common Language Location Identifier (CLLI) of the overflow trunk. This trunk handles calls that overflow from the DMS or X-Bar switch. These calls were non-satellite when the calls entered the DMS or X-Bar switch.

The overflow trunk group must be a No.5 trunk group. The overflow trunk group must be marked as a non-satellite trunk or appear in table SATOVER.

**Rules in provisioning**

Specify the CLLI of the overflow trunk that handles calls that overflow from the DMS or X-Bar switch that are non-satellite. Calls are non-satellite when the system enters the call on the DMS or X-Bar switch.

**Range information**

Minimum	Maximum	Default
		DUMPANDRESTORE

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **XBARCAB2** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **CSP03**

This parameter was removed in CSP03.

#### **BCS15**

This parameter was introduced in BCS15.

**XBARSAT1****Parameter name**

XBAR Overflow Trunk Common Language Location Identifier 1

**Functional description**

A DMS-300 switch requires this parameter. This parameter specifies the Common Language Location Identifier (CLLI) of the overflow trunk. This trunk handles calls that overflow from the DMS or X-Bar switch. These calls are satellite when the calls enter the DMS or X-Bar switch.

The overflow trunk group must be a No.5 trunk group. The overflow trunk group must be marked as a non-satellite trunk or appear in table SATOVER.

**Rules in provisioning**

Specify the CLLI of the overflow trunk that handles satellite calls that overflow from the DMS or X-Bar switch. Calls are satellite when the system enters the call on the DMS or X-Bar switch.

**Range information**

Minimum	Maximum	Default
		DUMPANDRESTORE

**Activation**

Does not apply

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.



## **XBARSAT1** (end)

---

### **Dump and restore rules**

Copy the current value of this parameter when you perform a dump and restore.

### **Parameter history**

#### **CSP03**

This parameter was removed in CSP03.

#### **BCS15**

This parameter was introduced in BCS15.

**XBARSAT2****Parameter name**

XBAR Overflow Trunk Common Language Location Identifier 2

**Functional description**

The DMS-300 switch requires this parameter. This parameter specifies the common language location identifier (CLLI) of the overflow trunk. The overflow trunk handles calls that overflow from the DMS or X-Bar switch. These overflow calls were satellite when the calls entered the DMS or X-Bar switch.

The overflow trunk group must be a No.5 trunk group. The overflow trunk group must be marked as a non-satellite trunk or appear in table SATOVER.

**Rules in provisioning**

Specify the CLLI of the overflow trunk that handles calls that overflow from the DMS or X-Bar switch. The DMS or X-Bar switch calls were satellite when the calls entered the DMS or X-Bar switch.

**Range information**

Minimum	Maximum	Default
		DUMPANDRESTORE

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

## **XBARSAT2** (end)

---

### **Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

### **Parameter history**

#### **CSP03**

Warm restart activation requirement was removed in CSP03.

#### **BCS15**

This parameter was introduced in BCS15.

---

## XID\_DESTINATION\_ID

---

**Parameter name**

X.25 Destination Identifier

**Functional description**

This parameter provides a mechanism for the operating company to define the exchange identification (ID). The system uses the X.25 link(s) to send the exchange ID.

**Rules in provisioning**

Specify the exchange ID for the system to send.

The exchange ID identifies the type of switch and the destination of the ID. The destination ID is a code that is three to nine characters in length. The destination ID identifies the switching unit to which a data link connects.

**Range information**

Minimum	Maximum	Default
		XID

**Activation**

Immediate

**Dependencies**

Does not apply

**Consequences**

Does not apply

**Verification**

Does not apply

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

## **XLAPLAN\_RATEAREA\_SERVORD\_ENABLED**

---

### **Parameter name**

XLAPLAN\_RATEAREA\_SERVORD\_ENABLED

### **Functional description**

Office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED (XRSE) enables table LINEATTR restructuring.

Feature AU3249 (XLAPLAN and RATEAREA Tables and Utilities) splits tables XLAPLAN and RATEAREA out of table LINEATTR. These tables store translations and rate area information that previously was stored in table LINEATTR.

Feature AU3279 (LINEATTR Servord Enhancements) provides the SERVORD enhancements required to provision and modify the XLAPLAN and RATEAREA keys assigned against a POTS/RES or SLBRI line. Office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED controls some of the functionality of feature AU3279.

Feature 59017776 (LINEATTR Compression Tool) provides the following functions with the XRSE parameter set to MANDATORY\_PROMPTS:

- enables a warning message to display when administrators enter a duplicate tuple, through the ADD, CHA, or REP commands, in the LINEATTR, XLAPLAN, or RATEAREA tables
- enables use of the COMPRSCI tool used to reduce redundant tuples in the LINEATTR table

**XLAPLAN\_RATEAREA\_SERVORD\_ENABLED** (continued)

The impact of office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED is described in the table that follows.

(Sheet 1 of 3)

Value of XLAPLAN_RATEAREA_SERVORD_ENABLED			
Function affected	OFF	OPTIONS_ENABLED	MANDATORY_PROMPTS
SERVORD line options XLAPLAN and RATEAREA	The options are disabled. They cannot be used when you provision a new line.	The options are available to allow specification of XLAPLAN and RATEAREA values on a per line basis. These values overwrite the default XLAPLAN and RATEAREA values in line attribute tuples (the values of XLAPLAN and RATEAREA referenced by the DFLTXLP and DFLTRA keys from table LINEATTR).	SERVORD line options are not available in this state.
SERVORD command CHG options LINEATTR, XLAPLAN, RATEAREA, and LTG	ATTRBS, LINEATTR, XLAPLAN, RATEAREA, and LTG are disabled. You must use the CLTG command to change the translations and billing characteristics of a line.	The options are available to specify keys into tables LINEATTR, XLAPLAN, and RATEAREA. You can use the LTG option to change the LTG of a line.	The CHG-LTG SERVORD command option is disabled. The LTG option is disabled. Line option ATTRBS modifies the keys, LINEATTR, XLAPLAN, and RATEAREA in a single command.

**XLAPLAN\_RATEAREA\_SERVORD\_ENABLED** (continued)

(Sheet 2 of 3)

Value of XLAPLAN_RATEAREA_SERVORD_ENABLED			
Function affected	OFF	OPTIONS_ENABLED	MANDATORY_PROMPTS
SERVORD commands NEW, ADD, and EST	No change	The options are available to specify keys into tables XLAPLAN and RATEAREA.	The LCC prompt is replaced by the LINEATTR_OR_LCC prompt for commands NEW and EST and the LINEATTR prompt for command ADD. XLAPLAN and RATEAREA line options are disabled. XLAPLAN and RATEAREA are mandatory prompts for POTS, RES and SLBRI lines. The LTG and LATANAME prompts are removed in this state for POTS/RES and SLBRI lines.
SERVORD command CLTG	No change	The CLTG command is disabled. The LTG of a line is changed with the LTG option of the CHG command.	The CLTG command is disabled.
CI query commands QDN, QLEN, QDNWRK, and QLENWRK	No change	The responses to the commands display the keys into tables XLAPLAN and RATEAREA.	The LTG prompt is no longer displayed.
SERVORD command NEWDN	No change	No change	The LTG prompt is replaced by a LINEATTR prompt. XLAPLAN and RATEAREA are mandatory prompts.
SERVORD command CDN	No change	LINEATTR, XLAPLAN, and RATEAREA will not change if a DN's SNPA changes, for POTS/RES lines.	The LINEATTR, XLAPLAN, and RATEAREA prompts appear for RCF and RCFEA DNs.

**XLAPLAN\_RATEAREA\_SERVORD\_ENABLED** (continued)

(Sheet 3 of 3)

Value of XLAPLAN_RATEAREA_SERVORD_ENABLED			
Function affected	OFF	OPTIONS_ENABLED	MANDATORY_PROMPTS
COMPRSCI tool	Disabled	Disabled	Enabled
Duplicate tuple warning message for tables LINEATTR, RATEAREA, and XLAPLAN	Disabled	Disabled	Enabled

**Provisioning rules**

Not applicable

**Range information**

The valid values for office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED are OPTIONS\_ENABLED, MANDATORY\_PROMPTS, and OFF. The default value is OFF.

**Activation**

The activation of office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED is immediate.

**Dependencies**

Office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED has no dependencies.

**Consequences**

When office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED field is set to OFF, any use of the CLTG command will cause a coupling between the XLAPLAN line table tuple and the default value for XLAPLAN in table LINEATTR. Any use of the CLTG command will cause a coupling between the RATEAREA line table tuple and the default value for RATEAREA in table LINEATTR. The existing XLAPLAN and RATEAREA line table tuple keys are replaced by the default keys from the line attribute.



## **XLAPLAN\_RATEAREA\_SERVORD\_ENABLED** (continued)

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When you attempt to change the value of `XLAPLAN_RATEAREA_SERVORD_ENABLED`, the system generates a warning message that explains the functional changes that occur when you change the value of the office parameter.

The system generates an error message if you attempt to use the `LINEATTR`, `XLAPLAN`, `RATEAREA`, or `LTG` option with the `CHG` command when office parameter `XLAPLAN_RATEAREA_SERVORD_ENABLED` office parameter is set to `OFF`.

The system generates an error message if you attempt to use the `XLAPLAN` or `RATEAREA` option with the `NEW`, `EST`, or `ADD` commands when office parameter `XLAPLAN_RATEAREA_SERVORD_ENABLED` is set to `OFF`.

The system generates an error message if you attempt to use the `CLTG` command when office parameter `XLAPLAN_RATEAREA_SERVORD_ENABLED` is set to `OPTIONS_ENABLED`.

When `XRSE` is set to `MANDATORY_PROMPTS` it cannot be changed to the `OFF` or `OPTIONS_ENABLED` state. Changing the state to `MANDATORY_PROMPTS` can only be reversed by using the `XRSECHG CI` tool.

The `XRSE` parameter set to `MANDATORY_PROMPTS` enables a warning message to display when administrators enter a duplicate tuple in the following tables:

- `LINEATTR`
- `XLAPLAN`
- `RATEAREA`

The `XRSE` parameter set to `MANDATORY_PROMPTS` enables use of the `COMPRSCI` tool used to reduce redundant tuples in the `LINEATTR` table.

### **Verification**

Not applicable.

### **Memory requirements**

The `XLAPLAN_RATEAREA_SERVORD_ENABLED` office parameter has no memory impact.

---

**XLAPLAN\_RATEAREA\_SERVORD\_ENABLED** (end)

---

**Dump and restore rules**

Not applicable.

**Parameter history****NA014**

The XRSE parameter set to MANDATORY\_PROMPTS enables:

- the COMPRSCRI tool
- a duplicate tuple warning message for the LINEATTR, XLAPLAN, and RATEAREA tables

**NA012**

The MANDATORY\_PROMPTS state was added to the XRSE parameter.

**NA011**

Office parameter XLAPLAN\_RATEAREA\_SERVORD\_ENABLED was introduced.

## XPMMMSGOC\_OM\_CONTROL

---

### Parameter name

XPMMMSGOC\_OM\_CONTROL

### Functional description

XPMMMSGOC\_OM\_CONTROL controls the on and off function of the Extended Peripheral Module Messaging Occupancy (XPMMMSGOC) operational measurement.

### Provisioning rules

None

### Range information

Minimum	Maximum	Default
Y/N	Y/N	Y (Yes)

### Activation

Immediate

### Dependencies

OFCVAR

### Consequences

If the customer enters a value other than Y (Yes) or N (No), a standard error string appears.

### Verification

The customer can check XPMMMSGOC is working using one of the following methods:

- Enter the OMSHOW XPMMMSGOC ACTIVE command. Observe the data.
- Go to PMDEBUG in the Extended Peripheral Module (XPM) active unit. Enter the OMU (Operational Measurements Unsolicited) level and type ST (status).

### Memory requirements

No memory impact.

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**XPMMMSGOC\_OM\_CONTROL** (end)

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**Dump and restore rules**

None

**Parameter history**

XPMMMSGOC\_OM\_CONTROL was introduced in TL10.

## XPMOCC\_OM\_CONTROL

---

### Parameter name

XMS-based Peripheral Module Central Processing Unit Occupancy  
Operational Measurement Control

### Functional description

This parameter activates or deactivates the polling of information by operational measurement (OM) group XPMOCC. Operational measurement (OM) group XPMOCC is an XMS-based peripheral module central processing unit occupancy.

Refer to the *Operational Measurements Reference Manual* for more information about OM group XPMOCC.

### Rules in provisioning

Set the value of this parameter to Y (yes). This setting activates information polling by OM group XPMOCC.

Leave this parameter value at the default of N (no) if you do not require information gathered by OM group XPMOCC.

### Range information

Minimum	Maximum	Default
		N

### Activation

Immediate.

### Dependencies

Does not apply

### Consequences

Leave the value of this parameter at the default value of N until you add feature AF5585 (XPM Resource Monitoring OM). If you set the value to Y before this software is available, OM group XPMOCC does not gather information.

---

**XPMOCC\_OM\_CONTROL** (end)

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**Verification**

When you set the value of this parameter to Y (yes), use one of the following methods to verify the functionality of this parameter at a MAP terminal:

- Enter the command `OMSHOW XPMOCC ACTIVE`. Observe the data that appears.
- Use the command `PMDEBUG` to connect to the active unit of the XPM. Type `ST` (status) at the `OMU` level of the MAP terminal. Verify that item 14 shows a status of `ACTIVE`.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****CSP02**

This parameter was introduced in CSP02.

## **XPMOVL\_D\_OM\_CONTROL**

---

### **Parameter name**

XMS-based Peripheral Module Overload Operational Measurement Control

### **Functional description**

Use this parameter to activate or deactivate information polling by operational measurement (OM) group XPMOVL\_D. The XPMOVL\_D is XMS-based peripheral module overload.

Refer to the *Operational Measurements Reference Manual* for more information about OM group XPMOVL\_D.

### **Rules in provisioning**

Set the value of this parameter to Y (yes). This setting activates information polling by OM group XPMOVL\_D.

Leave the parameter value at the default of N (no) if you do not require information that OM group XPMOVL\_D gathers.

### **Range information**

<b>Minimum</b>	<b>Maximum</b>	<b>Default</b>
		N

### **Activation**

Immediate

### **Dependencies**

Does not apply

### **Consequences**

Leave the value of this parameter at the default value of N until you add feature AF5585 (XPM Resource Monitoring OM). If you set the value to Y before this software is available, OM group XPMOVL\_D does not gather information.

---

**XPMOVL\_D\_OM\_CONTROL** (end)

---

**Verification**

Set the value of this parameter to Y (yes). Use one of the following methods to verify the functionality of this parameter at a MAP terminal:

- Enter the command `OMSHOW XPMOVL_D ACTIVE`. Observe the data that appears.
- Use the command `PMDEBUG` to connect to the active unit of the XPM. Type `ST` (status) at the `OMU` level of the MAP terminal. Verify that item 15 shows a status of `ACTIVE`.

**Memory requirements**

This parameter does not impact memory.

**Dump and restore rules**

Copy the current value of the parameter when you perform a dump and restore.

**Parameter history****CSP02**

This parameter was introduced in CSP02.





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## 2 Preset office parameters—U.S. only

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### Description

Detailed engineering rules were the base of office parameter value calculations before BCS36. The creation of preset office parameters prevents the requirement of switch outages to change or correct these values. Preset parameters are a less complicated, more reliable method of parameter engineering. Preset parameters remove the load of provisioning many office parameters from the operating company to Nortel Networks. The preset parameters do not require any calculations by the operating company. Releases NA001 and up require preset parameters and apply to the U.S. market only.

Preset parameters are a part of the office parameters in the tables OFCENG, OFCOPT, OFCSTD, OFCVAR and DATASIZE.

The parameters in these tables use a lot of memory or require a restart to activate. The preset parameters are designed to standardize their values according to the following:

- product
- line size
- percentage of total lines that are Meridian Digital Centrex (MDC) and integrated services digital network (ISDN) lines
- trunk size
- network type

For more information and a copy of the most recent Preset Parameters Guide, go to Web address

<http://www.nortelnetworks.com/products/01/preparms/>

In addition to the above Web site, many table OFCENG parameters can be calculated and controlled automatically by table OFCAUT. For more information, refer to table OFCAUT in the NA DMS-100 Customer Data Schema Reference Manual.



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## 3 DMS-100 local switch with 0-35% MDC and ISDN lines—U.S. only

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### Organization

This chapter applies to DMS-100 local switch offices where 0-35% of the total lines are Meridian Digital Centrex (MDC) and integrated services digital network (ISDN) lines.

This chapter contains modules. This chapter includes a module for each office parameter table with the following preset values:

- Table OFCENG
- Table OFCOPT
- Table OFCSTD
- Table OFCVAR
- Table DATASIZE

Each office parameter module includes five tables. The number of lines determines the table groups.

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG**

**Line sizes 1-20 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 1-20 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 1 of 7)**

<b>Parameter name</b>	<b>Trunk size</b>	<b>1-10 000 lines</b>	<b>10 001- 20 000 lines</b>
ACD_OVERFLOW_BLOCKS		3000	3000
AIN_NUM_00_PARA_EXT_BLKs		300	300
AIN_NUM_01_00_EXT_BLKs		150	150
AIN_NUM_EXT_BLKs		125	250
AIN_NUM_PROCESSING_EXT_BLKs		125	250
AIN_NUM_TERM_NOTIF_EXT_BLKs		250	500
CFD_EXT_BLOCKS		1750	3500
CFW_EXT_BLOCKS		2000	4000
CFZ_EXT_BLOCKS		1200	2400
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE		10 584	13 078
CRS_PRU_POOL3_SIZE		750	1500
CRS_SUBRU_POOL1_SIZE		1500	3000
CRS_SUBRU_POOL2_SIZE	0-1000	2855	4680
	1001-2000	2885	4710
	2001-5000	2975	4800
	5001-10 000	3125	4950
	10 001-15 000	3275	5100
	15 001-20 000	3425	5250

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 2 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	20 001-25 000	3575	5400
	25 001-30 000	3725	5550
	30 001-35 000	3875	5700
	35 001+	4025	5850
CRS_SUBRU_POOL3_SIZE			
	0-1 000	3500	4250
	1 001-2 000	3550	4300
	2 001-5 000	3700	4450
	5 001-10 000	3950	4700
	10 001-15 000	4200	4950
	15 001-20 000	4450	5200
	20 001-25 000	4700	5450
	25 001-30 000	4950	5700
	30 001-35 000	5200	5950
	35 001+	5450	6200
CRS_SUBRU_POOL4_SIZE		7100	7200
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		25	50
MAX_SDPOOL_NO		15	15

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 3 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	32
NCCBS (JNET)			
	0-1000	9 840	10 800
	1001-2000	10 800	11 760
	2001-5000	11 760	13 680
	5001-10 000	14 640	15 600
	10 001-15 000	16 560	18 480
	15 001-20 000	19 440	20 400
	20 001-25 000	22 320	23 280
	25 001-30 000	24 240	26 160
	30 001-35 000	27 120	28 080
	35 001+	29 040	30 960
NCCBS (ENET)			
	0-1000	20 400	20 400
	1001-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	20 400
	10 001-15 000	20 400	20 400
	15 001-20 000	20 400	20 400
	20 001-25 000	34 800	34 800
	25 001-30 000	34 800	34 800

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 4 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	30 001-35 000	34 800	34 800
	35 001+	34 800	34 800
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		3509	3634
NO_OF_FTR_XLA_BLKs		1625	1750
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	2600	3100
	1001-2000	4700	5200
	2001-5000	11 000	11 500
	5001-10 000	21 500	22 000



**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 5 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	10 001-15 000	32 000	32 500
	15 001-20 000	42 500	43 000
	20 001-25 000	53 000	53 500
	25 001-30 000	63 500	64 000
	30 001-35 000	74 000	74 500
	35 001+	84 500	85 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1000	1525	1650
	1001-2000	2925	3050
	2001-5000	7125	7250
	5001-10 000	14 125	14 250
	10 001-15 000	21 125	21 250
	15 001-20 000	28 125	28 250
	20 001-25 000	35 125	35 250
	25 001-30 000	42 125	42 250
	30 001-35 000	49 125	49 250
	35 001+	56 125	56 250
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	325	450
	1001-2000	525	650
	2001-5000	1125	1250
	5001-10 000	2125	2250
	10 001-15 000	3125	3250

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 6 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	15 001-20 000	4125	4250
	20 001-25 000	5125	5250
	25 001-30 000	6125	6250
	30 001-35 000	7125	7250
	35 001+	8125	8250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		2309	2434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		4 013	7025
NO_OF_PVN_EXTBLK		2 700	2700
NO_OF_PVN_TERM_EXTBLK		1 200	1200
NO_OF_SC_EXT_BLKs		25	50
NO_OF_SDS_EXT_BLKs		125	250
NO_OF_SMALL_EXT_BLKs		1 000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1 200	1200
NO_OF_XLARGE_EXT_BLKs		506	513
NO_TFAN_OM_REGISTERS		2 047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1 000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 7 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		4000	6000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 20 001-40 000

The following table lists the table OFCENG parameter names and their preset values for line sizes 20 001-40 000. Trunk size (if applicable) determines the order in which the names appear.

#### Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 1 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
ACD_OVERFLOW_BLOCKS		3000	4094
AIN_NUM_00_PARA_EXT_BLKs		375	500
AIN_NUM_01_00_EXT_BLKs		188	250
AIN_NUM_EXT_BLKs		375	500
AIN_NUM_PROCESSING_EXT_BLKs		375	500
AIN_NUM_TERM_NOTIF_EXT_BLKs		750	1000
CFD_EXT_BLOCKS		5250	7000
CFW_EXT_BLOCKS		6000	8000
CFZ_EXT_BLOCKS		3600	4800
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE		15 572	18 066
CRS_PRU_POOL3_SIZE		2250	3000
CRS_SUBRU_POOL1_SIZE		4500	6000
CRS_SUBRU_POOL2_SIZE			
	0-1000	6505	8330
	1001-2000	6535	8360
	2001-5000	6625	8450
	5001-10 000	6775	8600
	10 001-15 000	6925	8750
	15 001-20 000	7075	8900

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 2 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	20 001-25 000	7225	9050
	25 001-30 000	7375	9200
	30 001-35 000	7525	9350
	35 001+	7675	9500
CRS_SUBRU_POOL3_SIZE			
	0-1000	5000	5750
	1001-2000	5050	5800
	2001-5000	5200	5950
	5001-10 000	5450	6200
	10 001-15 000	5700	6450
	15 001-20 000	5950	6700
	20 001-25 000	6200	6950
	25 001-30 000	6 450	7200
	30 001-35 000	6700	7450
	35 001+	6950	7700
CRS_SUBRU_POOL4_SIZE		7300	7400
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		75	100
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 3 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	64
NCCBS (JNET)			
	0-1000	12 720	13 680
	1001-2000	12 720	14 640
	2001-5000	14 640	15 600
	5001-10 000	17 520	18 480
	10 001-15 000	19 440	21 360
	15 001-20 000	22 320	23 280
	20 001-25 000	24 240	26 160
	25 001-30 000	27 120	28 080
	30 001-35 000	30 000	30 960
	35 001+	31 920	33 840
NCCBS (ENET)			
	0-1000	20 400	20 400
	1001-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	20 400
	10 001-15 000	20 400	34 800
	15 001-20 000	34 800	34 800
	20 001-25 000	34 800	34 800
	25 001-30 000	34 800	34 800

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 4 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	30 001-35 000	34 800	34 800
	35 001+	34 800	34 800
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		3759	3884
NO_OF_FTR_XLA_BLKs		1875	2000
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	3600	4100
	1001-2000	5700	6200
	2001-5000	12 000	12 500
	5001-10 000	22 500	23 000

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 5 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001-15 000	33 000	33 500
	15 001-20 000	43 500	44 000
	20 001-25 000	54 000	54 500
	25 001-30 000	64 500	65 000
	30 001-35 000	75 000	75 500
	35 001+	85 500	86 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1000	1 775	1900
	1001-2000	3 175	3300
	2001-5000	7 375	7500
	5001-10 000	14 375	14 500
	10 001-15 000	21 375	21 500
	15 001-20 000	28 375	28 500
	20 001-25 000	35 375	35 500
	25 001-30 000	42 375	42 500
	30 001-35 000	49 375	49 500
	35 001+	56 375	56 500
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	575	700
	1001-2000	775	900
	2001-5000	1375	1500
	5001-10 000	2375	2500
	10 001-15 000	3375	3500



**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 6 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	15 001-20 000	4375	4500
	20 001-25 000	5375	5500
	25 001-30 000	6375	6500
	30 001-35 000	7375	7500
	35 001+	8375	8500
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		2559	2684
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		10 038	13 050
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		75	100
NO_OF_SDS_EXT_BLKs		375	500
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs		519	525
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 7 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		8000	10 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Line sizes 40 001-60 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 40 001-60 000. The table lists the parameter names according to trunk size, if a parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 1 of 7)**

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		625	750
AIN_NUM_01_00_EXT_BLKs		313	375
AIN_NUM_EXT_BLKs		625	750
AIN_NUM_PROCESSING_EXT_BLKs		625	750
AIN_NUM_TERM_NOTIF_EXT_BLKs		1250	1500
CFD_EXT_BLOCKS		8750	10 500
CFW_EXT_BLOCKS		10 000	12 000
CFZ_EXT_BLOCKS		6000	7200
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		20 560	23 054
CRS_PRU_POOL3_SIZE		3750	4500
CRS_SUBRU_POOL1_SIZE		7500	9000
CRS_SUBRU_POOL2_SIZE		6125	8150
	0-1000	10 155	11 980
	1001-2000	10 185	12 010
	2001-5000	10 275	12 100
	5001-10 000	10 425	12 250
	10 001-15 000	10 575	12 400
	15 001-20 000	10 725	12 550

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 2 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	20 001-25 000	10 875	12 700
	25 001-30 000	11.025	12 850
	30 001-35 000	11 175	13 000
	35 001+	11 325	13 150
CRS_SUBRU_POOL3_SIZE			
	0-1000	6500	7250
	1001-2000	6550	7300
	2001-5000	6700	7450
	5001-10 000	6950	7700
	10 001-15 000	7200	7950
	15 001-20 000	7450	8200
	20 001-25 000	7700	8450
	25 001-30 000	7950	8700
	30 001-35 000	8200	8950
	35 001+	8450	9200
CRS_SUBRU_POOL4_SIZE		8500	8600
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		125	150
MAX_SDPOOL_NO		15	15

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 3 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-1000	15 600	16 560
	1001-2000	15 600	17 520
	2001-5000	17 520	18 480
	5001-10 000	20 400	21 360
	10 001-15 000	22 320	24 240
	15 001-20 000	25 200	26 160
	20 001-25 000	27 120	29 040
	25 001-30 000	30 000	30 960
	30 001-35 000	32 880	33 840
	35 001+	34 800	34 800
NCCBS (ENET)			
	0-1000	20 400	20 400
	1001-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	34 800
	10 001-15 000	34 800	34 800
	15 001-20 000	34 800	34 800
	20 001-25 000	34 800	34 800
	25 001-30 000	34 800	34 800

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 4 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	30 001-35 000	34 800	34 800
	35 001+	34 800	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		4009	4134
NO_OF_FTR_XLA_BLKs		2125	2250
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	4600	5100
	1001-2000	6700	7200
	2001-5000	13 000	13 500
	5001-10 000	23 500	24 000

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 5 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	10 001-15 000	34 000	34 500
	15 001-20 000	44 500	45 000
	20 001-25 000	55 000	55 500
	25 001-30 000	65 500	66 000
	30 001-35 000	76 000	76 500
	35 001+	86 500	87 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1000	2025	2150
	1001-2000	3425	3550
	2001-5000	7625	7750
	5001-10 000	14 625	14 750
	10 001-15 000	21 625	21 750
	15 001-20 000	28 625	28 750
	20 001-25 000	35 625	35 750
	25 001-30 000	42 625	42 750
	30 001-35 000	49 625	49 750
	35 001+	56 625	56 750
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	825	950
	1001-2000	1025	1150
	2001-5000	1625	1750
	5001-10 000	2625	2750
	10 001-15 000	3625	3750

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 6 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	15 001-20 000	4625	4750
	20 001-25 000	5625	5750
	25 001-30 000	6625	6750
	30 001-35 000	7625	7750
	35 001+	8625	8750
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		2809	2934
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		16 063	19 075
NO_OF_PVN_EXTBLK		2 700	2700
NO_OF_PVN_TERM_EXTBLK		1 200	1200
NO_OF_SC_EXT_BLKs		125	150
NO_OF_SDS_EXT_BLKs		625	750
NO_OF_SMALL_EXT_BLKs		1 000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1 200	1200
NO_OF_XLARGE_EXT_BLKs		531	538
NO_TFAN_OM_REGISTERS		2 047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1 000	1 000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160



**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 7 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		12 000	14 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 60 001-80 000

The following table lists the table OFCENG parameter names and the set values for line sizes 60 001-80 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 1 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		875	1000
AIN_NUM_01_00_EXT_BLKs		438	500
AIN_NUM_EXT_BLKs		875	1000
AIN_NUM_PROCESSING_EXT_BLKs		875	1000
AIN_NUM_TERM_NOTIF_EXT_BLKs		1750	2000
CFD_EXT_BLOCKS		12 250	14 000
CFW_EXT_BLOCKS		14 000	16 000
CFZ_EXT_BLOCKS		8400	9600
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		25 548	28 042
CRS_PRU_POOL3_SIZE		5250	6000
CRS_SUBRU_POOL1_SIZE		10 500	12 000
CRS_SUBRU_POOL2_SIZE			
	0-1000	13 805	15 630
	1001-2000	13 835	15 660
	2001-5000	13 925	15 750
	5001-10 000	14 075	15 900
	10 001-15 000	14 225	16 050
	15 001-20 000	14 375	16 200

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 2 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	20 001-25 000	14 525	16 350
	25 001-30 000	14 675	16 500
	30 001-35 000	14 825	16 650
	35 001+	14 975	16 800
CRS_SUBRU_POOL3_SIZE			
	0-1000	8000	8750
	1001-2000	8050	8800
	2001-5000	8200	8950
	5001-10 000	8450	9200
	10 001-15 000	8700	9450
	15 001-20 000	8950	9700
	20 001-25 000	9200	9950
	25 001-30 000	9450	10 200
	30 001-35 000	9700	10 450
	35 001+	9950	10 700
CRS_SUBRU_POOL4_SIZE		8700	8800
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		175	200
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 3 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-1000	18 480	19 440
	1001-2000	18 480	20 400
	2001-5000	20 400	21 360
	5001-10 000	22 320	24 240
	10 001-15 000	25 200	26 160
	15 001-20 000	28 080	29 040
	20 001-25 000	30 000	31 920
	25 001-30 000	32 880	33 840
	30 001-35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0-1000	20 400	20 400
	1001-2000	20 400	20 400
	2001-5000	20 400	34 800
	5001-10 000	34 800	34 800
	10 001-15 000	34 800	34 800
	15 001-20 000	34 800	34 800
	20 001-25 000	34 800	34 800
	25 001-30 000	34 800	34 800

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 4 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	30 001-35 000	34 800	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		4259	4384
NO_OF_FTR_XLA_BLKs		2375	2500
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	5600	6100
	1001-2000	7700	8200
	2001-5000	14 000	14 500
	5001-10 000	24 500	25 000

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 5 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 001-15 000	35 000	35 500
	15 001-20 000	45 500	46 000
	20 001-25 000	56 000	56 500
	25 001-30 000	66 500	67 000
	30 001-35 000	77 000	77 500
	35 001+	87 500	88 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1000	2275	2400
	1001-2000	3675	3800
	2001-5000	7875	8000
	5001-10 000	14 875	15 000
	10 001-15 000	21 875	22 000
	15 001-20 000	28 875	29 000
	20 001-25 000	35 875	36 000
	25 001-30 000	42 875	43 000
	30 001-35 000	49 875	50 000
	35 001+	56 875	57 000
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	1075	1200
	1001-2000	1275	1400
	2001-5000	1875	2000
	5001-10 000	2875	3000
	10 001-15 000	3875	4000

## DMS-100 local switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 6 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	15 001-20 000	4875	5000
	20 001-25 000	5875	6000
	25 001-30 000	6875	7000
	30 001-35 000	7875	8000
	35 001+	8875	9000
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		3509	3184
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		22 088	25 100
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		175	200
NO_OF_SDS_EXT_BLKs		875	1000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs		544	550
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 7 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		16 000	18 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047



## DMS-100 local switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

#### Line sizes 80 001-100 000

The following table lists the table OFCENG parameter names and the preset values for line sizes 80 001-100 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 1 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		1125	1250
AIN_NUM_01_00_EXT_BLKs		563	625
AIN_NUM_EXT_BLKs		1125	1250
AIN_NUM_PROCESSING_EXT_BLKs		1125	1250
AIN_NUM_TERM_NOTIF_EXT_BLKs		2250	2500
CFD_EXT_BLOCKS		15 750	17 500
CFW_EXT_BLOCKS		18 000	20 000
CFZ_EXT_BLOCKS		10 800	12 000
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		30 536	33 030
CRS_PRU_POOL3_SIZE		6750	7500
CRS_SUBRU_POOL1_SIZE		13 500	15 000
CRS_SUBRU_POOL2_SIZE			
	0-1000	17 455	19 280
	1001-2000	17 485	19 310
	2001-5000	17 575	19 400
	5001-10 000	17 725	19 550
	10 001-15 000	17 875	19 700
	15 001-20 000	18 025	19 850

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 2 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
	20 001-25 000	18 175	20 000
	25 001-30 000	18 325	20 150
	30 001-35 000	18 475	20 300
	35 001+	18 625	20 450
CRS_SUBRU_POOL3_SIZE			
	0-1000	9500	10 250
	1001-2000	9550	10 300
	2001-5000	9700	10 450
	5001-10 000	9950	10 700
	10 001-15 000	10 200	10 950
	15 001-20 000	10 450	11 200
	20 001-25 000	10 700	11 450
	25 001-30 000	10 950	11 700
	30 001-35 000	11 200	11 950
	35 001+	11 450	12 200
CRS_SUBRU_POOL4_SIZE		8900	9000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		225	250
MAX_SDPOOL_NO		15	15

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 3 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-1000	21 360	22 320
	1001-2000	21 360	23 280
	2001-5000	23 280	24 240
	5001-10 000	25 200	27 120
	10 001-15 000	28 080	29 040
	15 001-20 000	30 960	31 920
	20 001-25 000	32 880	34 800
	25 001-30 000	34 800	34 800
	30 001-35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0-1000	34 800	34 800
	1001-2000	34 800	34 800
	2001-5000	34 800	34 800
	5001-10 000	34 800	34 800
	10 001-15 000	34 800	34 800
	15 001-20 000	34 800	34 800
	20 001-25 000	34 800	34 800
	25 001-30 000	49 200	49 200

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 4 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
	30 001-35 000	49 200	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		4509	4634
NO_OF_FTR_XLA_BLKs		2625	2750
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	6600	7100
	1001-2000	8700	9200
	2001-5000	15 000	15 500
	5001-10 000	25 500	26 000

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 5 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
	10 001-15 000	36 000	36 500
	15 001-20 000	46 500	47 000
	20 001-25 000	57 000	57 500
	25 001-30 000	67 500	68 000
	30 001-35 000	78 000	78 500
	35 001+	88 500	89 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1000	2525	2650
	1001-2000	3925	4050
	2001-5000	8125	8250
	5001-10 000	15 125	15 250
	10 001-15 000	22 125	22 250
	15 001-20 000	29 125	29 250
	20 001-25 000	36 125	36 250
	25 001-30 000	43 125	43 250
	30 001-35 000	50 125	50 250
	35 001+	57 125	57 250
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	1325	1450
	1001-2000	1525	1650
	2001-5000	2125	2250
	5001-10 000	3125	3250
	10 001-15 000	4125	4250

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 6 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
	15 001-20 000	5125	5250
	20 001-25 000	6125	6250
	25 001-30 000	7125	7250
	30 001-35 000	8125	8250
	35 001+	9125	9250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		3309	3434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		28 113	31 125
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		225	250
NO_OF_SDS_EXT_BLKs		1125	1250
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs		556	563
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 7 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001 - 100 000
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		20 000	22 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 101 000-140 000

The following table lists the table OFCENG parameter names and the preset values for line sizes 101 000-140 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 1 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
ACD_OVERFLOW_BLOCKS		4094	4 094
AIN_NUM_00_PARA_EXT_BLKs		1500	1 750
AIN_NUM_01_00_EXT_BLKs		750	875
AIN_NUM_EXT_BLKs		1500	1 750
AIN_NUM_PROCESSING_EXT_BLKs		1500	1 750
AIN_NUM_TERM_NOTIF_EXT_BLKs		3000	3 500
CFD_EXT_BLOCKS		21 000	24 500
CFW_EXT_BLOCKS		24 000	28 000
CFZ_EXT_BLOCKS		14 400	16 800
CRS_PRU_POOL1_SIZE		2 000	2000
CRS_PRU_POOL2_SIZE		38 018	43 006
CRS_PRU_POOL3_SIZE		9 000	10 500
CRS_SUBRU_POOL1_SIZE		18 000	21 000
CRS_SUBRU_POOL2_SIZE			
	0-1000	22 930	26 580
	1001-2000	22 960	26 610
	2001-5000	23 050	26 700
	5001-10 000	23 200	26 850
	10 001-15 000	23 350	27 000
	15 001-20 000	23 500	27 150



**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 2 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	20 001-25 000	23 650	27 300
	25 001-30 000	23 800	27 450
	30 001-35 000	23 950	27 600
	35 001+	24 100	27 750
CRS_SUBRU_POOL3_SIZE			
	0-1000	11 750	13 250
	1001-2000	11 800	13 300
	2001-5000	11 950	13 450
	5001-10 000	12 200	13 700
	10 001-15 000	12 450	13 950
	15 001-20 000	12 700	14 200
	20 001-25 000	12 950	14 450
	25 001-30 000	13 200	14 700
	30 001-35 000	13 450	14 950
	35 001+	13 700	15 200
CRS_SUBRU_POOL4_SIZE		9200	9400
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		300	350
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 3 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-1000	25 200	28 080
	1001-2000	25 200	28 080
	2001-5000	27 120	30 000
	5001-10 000	30 000	32 880
	10 001-15 000	31 920	34 800
	15 001-20 000	34 800	34 800
	20 001-25 000	34 800	34 800
	25 001-30 000	34 800	34 800
	30 001-35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0-1000	34 800	34 800
	1001-2000	34 800	34 800
	2001-5000	34 800	34 800
	5001-10 000	34 800	34 800
	10 001-15 000	34 800	34 800
	15 001-20 000	34 800	49 200
	20 001-25 000	49 200	49 200
	25 001-30 000	49 200	49 200

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 4 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	30 001-35 000	49 200	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2 047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1 000
NO_OF_FTR_CONTROL_BLKs		4884	5 134
NO_OF_FTR_XLA_BLKs		3000	3 250
NO_OF_HIS_CONTROL_BLKs			
	0-1000	2000	2000
	1001-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-15 000	30 000	30 000
	15 001-20 000	40 000	40 000
	20 001-25 000	50 000	50 000
	25 001-30 000	60 000	60 000
	30 001-35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0-1000	8 100	9 100
	1001-2000	10 200	11 200
	2001-5000	16 500	17 500
	5001-10 000	27 000	28 000

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 5 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	10 001-15 000	37 500	38 500
	15 001-20 000	48 000	49 000
	20 001-25 000	58 500	59 500
	25 001-30 000	69 000	70 000
	30 001-35 000	79 500	80 500
	35 001+	90 000	91 000
NO_OF_HIS_DATA_BLKs - X2			
	0-1 000	2900	3150
	1 001-2 000	4300	4550
	2 001-5 000	8500	8750
	5 001-10 000	15 500	15 750
	10 001-15 000	22 500	22 750
	15 001-20 000	29 500	29 750
	20 001-25 000	36 500	36 750
	25 001-30 000	43 500	43 750
	30 001-35 000	50 500	50 750
	35 001+	57 500	57 750
NO_OF_HIS_DATA_BLKs - X3			
	0-1000	1700	1950
	1001-2000	1900	2150
	2001-5000	2500	2750
	5001-10 000	3500	3750
	10 001-15 000	4500	4750

## DMS-100 local switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 6 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	15 001-20 000	5500	5750
	20 001-25 000	6500	6750
	25 001-30 000	7500	7750
	30 001-35 000	8500	8750
	35 001+	9500	9750
NO_OF_LARGE_EXT_BLKs		1000	1001
NO_OF_LARGE_FTR_DATA_BLKs		3684	3934
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767	32 767
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		300	350
NO_OF_SDS_EXT_BLKs		1500	1750
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs		575	588
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0-1000	80	80
	1001-2000	160	160

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 7 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
	2001-5000	400	400
	5001-10 000	800	800
	10 001-15 000	1200	1200
	15 001-20 000	1600	1600
	20 001-25 000	2000	2000
	25 001-30 000	2400	2400
	30 001-35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		26 000	30 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Line sizes 140 001-160 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 140 001-160 000. The table lists parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 1 of 7)**

Parameter name	Trunk size	140 001- 160 000
ACD_OVERFLOW_BLOCKS		4094
AIN_NUM_00_PARA_EXT_BLKs		2000
AIN_NUM_01_00_EXT_BLKs		1000
AIN_NUM_EXT_BLKs		2000
AIN_NUM_PROCESSING_EXT_BLKs		2000
AIN_NUM_TERM_NOTIF_EXT_BLKs		4000
CFD_EXT_BLOCKS		28 000
CFW_EXT_BLOCKS		32 000
CFZ_EXT_BLOCKS		19 200
CRS_PRU_POOL1_SIZE		2000
CRS_PRU_POOL2_SIZE		47 994
CRS_PRU_POOL3_SIZE		12 000
CRS_SUBRU_POOL1_SIZE		18 000
CRS_SUBRU_POOL2_SIZE		
	0-1000	30 230
	1001-2000	30 260
	2001-5000	30 350
	5001-10 000	30 500
	10 001-15 000	30 650
	15 001-20 000	30 800

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 2 of 7)

Parameter name	Trunk size	140 001- 160 000
	20 001-25 000	30 950
	25 001-30 000	31 100
	30 001-35 000	31 250
	35 001+	31 400
CRS_SUBRU_POOL3_SIZE		
	0-1000	14 750
	1001-2000	14 800
	2001-5000	14 950
	5001-10 000	15 200
	10 001-15 000	15 450
	15 001-20 000	15 700
	20 001-25 000	15 950
	25 001-30 000	16 200
	30 001-35 000	16 450
	35 001+	16 700
CRS_SUBRU_POOL4_SIZE		9600
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095
EA_MF_SS7_EXT_BLOCK_COUNT		0
E911_NUMBER_OF_FDBS		1000
KSHUNT_EXT_BLOCKS		500
MAX_NO_OF_TRANS_ID		16 000
MAX_NUM_WIDEBAND_CALLS		400
MAX_SDPOOL_NO		15



## DMS-100 local switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 3 of 7)

Parameter name	Trunk size	140 001- 160 000
MAXNUCS (JNET)		1024
MAXNUCS (ENET)		0
MAXSTS		64
NCCBS (JNET)		
	0-1000	30 960
	1001-2000	30 960
	2001-5000	32 880
	5001-10 000	34 800
	10 001-15 000	34 800
	15 001-20 000	34 800
	20 001-25 000	34 800
	25 001-30 000	34 800
	30 001-35 000	34 800
	35 001+	34 800
NCCBS (ENET)		
	0-1000	34 800
	1001-2000	34 800
	2001-5000	34 800
	5001-10 000	34 800
	10 001-15 000	49 200
	15 001-20 000	49 200
	20 001-25 000	49 200
	25 001-30 000	49 200

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 4 of 7)

Parameter name	Trunk size	140 001- 160 000
	30 001-35 000	49 200
	35 001+	63 600
NO_LOCAL_COIN_EXT_BLKs		256
NO_OCCTS_OM_REGISTERS		2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000
NO_OF_FTR_CONTROL_BLKs		5384
NO_OF_FTR_XLA_BLKs		3500
NO_OF_HIS_CONTROL_BLKs		
	0-1000	2000
	1001-2000	4000
	2001-5000	10 000
	5001-10 000	20 000
	10 001-15 000	30 000
	15 001-20 000	40 000
	20 001-25 000	50 000
	25 001-30 000	60 000
	30 001-35 000	70 000
	35 001+	80 000
NO_OF_HIS_DATA_BLKs - X1		
	0-1000	10 100
	1001-2000	12 200
	2001-5000	18 500
	5001-10 000	29 000

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 5 of 7)

Parameter name	Trunk size	140 001- 160 000
	10 001-15 000	39 500
	15 001-20 000	50 000
	20 001-25 000	60 500
	25 001-30 000	71 000
	30 001-35 000	81 500
	35 001+	92 000
NO_OF_HIS_DATA_BLKs - X2		
	0-1000	3400
	1001-2000	4800
	2001-5000	9000
	5001-10 000	16 000
	10 001-15 000	23 000
	15 001-20 000	30 000
	20 001-25 000	37 000
	25 001-30 000	44 000
	30 001-35 000	51 000
	35 001+	58 000
NO_OF_HIS_DATA_BLKs - X3		
	0-1000	2200
	1001-2000	2400
	2001-5000	3000
	5001-10 000	4000
	10 001-15 000	5000

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 6 of 7)

Parameter name	Trunk size	140 001- 160 000
	15 001-20 000	6000
	20 001-25 000	7000
	25 001-30 000	8000
	30 001-35 000	9000
	35 001+	10 000
NO_OF_LARGE_EXT_BLKs		1000
NO_OF_LARGE_FTR_DATA_BLKs		4184
NO_OF_MEDIUM_EXT_BLKs		1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767
NO_OF_PVN_EXTBLK		2700
NO_OF_PVN_TERM_EXTBLK		1200
NO_OF_SC_EXT_BLKs		400
NO_OF_SDS_EXT_BLKs		2000
NO_OF_SMALL_EXT_BLKs		1000
NO_OF_SMALL_FTR_DATA_BLKs		1200
NO_OF_XLARGE_EXT_BLKs		600
NO_TFAN_OM_REGISTERS		2047
NOS_QUANTITY_OF_SVCS		15
NUM_IBN_IXLA_EXT_BLOCKS		1000
NUM_OF_NSC_EXT_BLK		512
NUM_OF_RTEB_EXTBLKS		
	0-1000	80
	1001-2000	160

**DMS-100 local switch with 0-35% MDC and ISDN lines****Table OFCENG** (end)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 7 of 7)

Parameter name	Trunk size	140 001- 160 000
	2001-5000	400
	5001-10 000	800
	10 001-15 000	1200
	15 001-20 000	1600
	20 001-25 000	2000
	25 001-30 000	2400
	30 001-35 000	2800
	35 001+	3200
NUM_RC_EXT_BLKs		1000
NUMCALLPROCESSES		80
NUMCPWAKE		32 767
NUMIBNCQEXTBLK		3825
NUMOHCQBQTRANSBLKS		1169
NUMPERMEXT		7000
OCCTS_ENHANCED_FEATURE		Y
PSTN_GT_SIZE		10
SLE_ITEMS_IN_SEGMENT		1024
SLE_MAX_SEGMENT_COUNT		2047

## DMS-100 local switch with 0-35% MDC and ISDN lines Table OFCOPT

### Line sizes 1-160 000

The Table OFCOPT parameter lists the following names and preset values for line sizes 1-160 000.

#### Preset office parameter values for Table OFCOPT line sizes 1-160 000 (Sheet 1 of 2)

Parameter name	1-160 000 lines
MAX_ACDMIS_SESSIONS	5
MAX_MBG_LINES	1 000
MAX_NUM_CTX_ASSOC	32 767
MAX_NUM_ECM_ACDEVENT	32 767
MAX_NUM_ECM_CALLINIT	32 767
MAX_NUM_ECM_CTXEVENT	32 767
MAX_NUM_ECM_DNQUERY	32 767
MAX_NUM_ECM_ICCM	32 767
MAX_NUM_ECM_LINE_MAKECALL	32 767
MAX_NUM_ECM_LINE_SCAICC	32 767
MAX_NUM_ECM_LINE_SCAI3WC	32 767
MAX_NUM_ECM_RESEVENT	32 767
MAX_NUM_ECM_RESOURCE	32 767
MAX_NUM_ECM_ROUTING	32 767
MAX_NUM_ECM_SCAICC	32 767
MAX_NUM_ECM_SCAI3WC	32 767
MAX_NUM_ECM_SCAIMWTI	32 767
MAX_NUM_ECM_SVC	32 767
MAX_NUM_ECM_TPAC	32 767
MAX_NUM_ECM_TPCC	32 767
MAX_NUM_ECM_TPQC	32 767

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCOPT (end)**

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Preset office parameter values for Table OFCOPT line sizes 1-160 000 (Sheet 2 of 2)

Parameter name	1-160 000 lines
MAX_NUM_ECM_ASSOC	32 767
NA_TOLL_FREE_TYPE	US_SERVICE
TFAN_ENHANCED_FEATURE	Y

**DMS-100 local switch with 0-35% MDC and ISDN lines**  
**Table OFCSTD**

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**Line sizes 1-160,000**

The Table OFCSTD parameter lists the following names and preset values for line sizes 1-160 000.

**Preset office parm values for table OFCSTD line sizes 1-160,000**

<b>Parameter name</b>	<b>1- 160,000 lines</b>
MTCBASE_SCPD	2,047



## **DMS-100 local switch with 0-35% MDC and ISDN lines**

### **Table OFCVAR**

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#### **Line sizes 1-160 000**

The Table OFCVAR parameter lists the following names and preset values for line sizes 1-160 000.

#### **Preset office parameter values for Table OFCVAR line sizes 1-160 000**

<b>Parameter name</b>	<b>1-160 000 lines</b>
PER_OPC_LOGDEV_BUFFER_SIZE	22 000

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## DMS-100 local switch with 0-35% MDC and ISDN lines Table DATASIZE

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### Line sizes 1-160 000

The Table DATASIZE parameter lists the following names and the preset values for line sizes 1-160 000.

#### Preset office parameter values for Table DATASIZE line sizes 1-160 000

Parameter name	1-160 000 lines
AIODGRP	255
AIODMEM	255
CLLI	2 048
CPOS	64
NWMAOCR	64
NWMPPLN	256
TRKGRP	2 048



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## 4 DMS-100 local switch with 36—100% MDC and ISDN lines-U.S. only

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### Organization

This chapter applies to DMS-100 local switch offices in which 36-100% of the total lines are Meridian Digital Centrex (MDC) and integrated services digital network (ISDN) lines.

This chapter is organized in modules. A module is present for each of the following office parameter tables, which have preset values:

- table OFCENG
- table OFCOPT
- table OFCSTD
- table OFCVAR
- table DATASIZE

Each office parameter module includes five tables grouped according to the number of lines.

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG**

**Line sizes 1-20 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 1 - 20 000. The table lists the parameter according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 1 of 7)**

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
ACD_OVERFLOW_BLOCKS		3000	3000
AIN_NUM_00_PARA_EXT_BLKs		375	750
AIN_NUM_01_00_EXT_BLKs		188	375
AIN_NUM_EXT_BLKs		375	750
AIN_NUM_PROCESSING_EXT_BLKs		375	750
AIN_NUM_TERM_NOTIF_EXT_BLKs		750	1500
CFD_EXT_BLOCKS		5250	10 500
CFW_EXT_BLOCKS		2000	4000
CFZ_EXT_BLOCKS		1200	2400
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE		12 084	16 078
CRS_PRU_POOL3_SIZE		2250	4500
CRS_SUBRU_POOL1_SIZE		4500	9000
CRS_SUBRU_POOL2_SIZE	0 - 1000	4905	8780
	1001 - 2000	4935	8810
	2001 - 5000	5025	8900
	5001 - 10 000	5175	9050
	10 001 - 15 000	5325	9200
	15 001 - 20 000	5475	9350

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 2 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	20 001 - 25 000	5625	9500
	25 001 - 30 000	5775	9650
	30 001 - 35 000	5925	9800
	35 001+	6075	9950
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	5000	7250
	1001 - 2000	5050	7300
	2001 - 5000	5200	7450
	5001 - 10 000	5450	7700
	10 001 - 15 000	5700	7950
	15 001 - 20 000	5950	8200
	20 001 - 25 000	6200	8450
	25 001 - 30 000	6450	8700
	30 001 - 35 000	6700	8950
	35 001+	6950	9200
CRS_SUBRU_POOL4_SIZE		7100	7200
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		75	150

## DMS-100 local switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 3 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	32
NCCBS (JNET)			
	0 - 1000	9840	10 800
	1001 - 2000	10 800	11 760
	2001 - 5000	11 760	13 680
	5001 - 10 000	14 640	15 600
	10 001 - 15 000	16 560	18 480
	15 001 - 20 000	19 440	20 400
	20 001 - 25 000	22 320	23 280
	25 001 - 30 000	24 240	26 160
	30 001 - 35 000	27 120	28 080
	35 001+	29 040	30 960
NCCBS (ENET)			
	0 - 1000	20 400	20 400
	1001 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	20 400
	10 001 - 15 000	20 400	20 400
	15 001 - 20 000	20 400	20 400
	20 001 - 25 000	34 800	34 800

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 4 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	25 001 - 30 000	34 800	34 800
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	34 800
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		3759	4134
NO_OF_FTR_XLA_BLKs		1875	2250
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 001 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	3650	5200
	1001 - 2000	5750	7300
	2001 - 5000	12 050	13 600



**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 5 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	5001 - 10 000	22 550	24 100
	10 001 - 15 000	33 050	34 600
	15 001 - 20 000	43 550	45 100
	20 001 - 25 000	54 050	55 600
	25 001 - 30 000	64 550	66 100
	30 001 - 35 000	75 050	76 600
	35 001+	85 550	87 100
NO_OF_HIS_DATA_BLKS - X2			
	0 - 1000	1925	2450
	1001 - 2000	3325	3850
	2001 - 5000	7525	8050
	5001 - 10 000	14 525	15 050
	10 001 - 15 000	21 525	22 050
	15 001 - 20 000	28 525	29 050
	20 001 - 25 000	35 525	36 050
	25 001 - 30 000	42 525	43 050
	30 001 - 35 000	49 525	50 050
	35 001+	56 525	57 050
NO_OF_HIS_DATA_BLKS - X3			
	0 - 1000	613	1025
	1001 - 2000	813	1225
	2001 - 5000	1413	1825
	5001 - 10 000	2413	2825

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 6 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	10 001 - 15 000	3413	3825
	15 001 - 20 000	4413	4825
	20 001 - 25 000	5413	5825
	25 001 - 30 000	6413	6825
	30 001 - 35 000	7413	7825
	35 001+	8413	8825
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		2597	3009
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		4038	7075
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		75	150
NO_OF_SDS_EXT_BLKs		1000	2000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1238	1275
NO_OF_XLARGE_EXT_BLKs		519	538
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRLs		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 7 of 7)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	0 - 1000	80	80
	1001 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		4000	6000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 20 001-40 000

The following table lists the table OFCENG parameter names and preset values for line sizes 20 001 - 40 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 1 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
ACD_OVERFLOW_BLOCKS		3000	4094
AIN_NUM_00_PARA_EXT_BLKs		1125	1500
AIN_NUM_01_00_EXT_BLKs		563	750
AIN_NUM_EXT_BLKs		1125	1500
AIN_NUM_PROCESSING_EXT_BLKs		1125	1500
AIN_NUM_TERM_NOTIF_EXT_BLKs		2250	3000
CFD_EXT_BLOCKS		15 750	21 000
CFW_EXT_BLOCKS		6000	8000
CFZ_EXT_BLOCKS		3600	4800
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE		20 072	24 066
CRS_PRU_POOL3_SIZE		6750	9000
CRS_SUBRU_POOL1_SIZE		13 500	18 000
CRS_SUBRU_POOL2_SIZE			
	0 - 1000	12 655	16 530
	1001 - 2000	12 685	16 560
	2001 - 5000	12 775	16 650
	5001 - 10 000	12 925	16 800
	10 001 - 15 000	13 075	16 950
	15 001 - 20 000	13 225	17 100

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 2 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	20 001 - 25 000	13 375	17 250
	25 001 - 30 000	13 525	17 400
	30 001 - 35 000	13 675	17 550
	35 001+	13 825	17 700
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	9500	11 750
	1001 - 2000	9550	11 800
	2001 - 5000	9700	11 950
	5001 - 10 000	9950	12 200
	10 001 - 15 000	10 200	12 450
	15 001 - 20 000	10 450	12 700
	20 001 - 25 000	10 700	12 950
	25 001 - 30 000	10 950	13 200
	30 001 - 35 000	11 200	13 450
	35 001+	11 450	13 700
CRS_SUBRU_POOL4_SIZE		7300	7400
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		225	300
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 3 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	64
NCCBS (JNET)			
	0 - 1000	12 720	13 680
	1001 - 2000	12 720	14 640
	2001 - 5000	14 640	15 600
	5001 - 10 000	17 520	18 480
	10 001 - 15 000	19 440	21 360
	15 001 - 20 000	22 320	23 280
	20 001 - 25 000	24 240	26 160
	25 001 - 30 000	27 120	28 080
	30 001 - 35 000	30 000	30 960
	35 001+	31 920	33 840
NCCBS (ENET)			
	0 - 1000	20 400	20 400
	1001 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	20 400
	10 001 - 15 000	20 400	34 800
	15 001 - 20 000	34 800	34 800
	20 001 - 25 000	34 800	34 800
	25 001 - 30 000	34 800	34 800

## DMS-100 local switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 4 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	34 800
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		4509	4884
NO_OF_FTR_XLA_BLKs		2625	3000
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 000 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	6750	8300
	1001 - 2000	8850	10 400
	2001 - 5000	15 150	16 700
	5001 - 10 000	25 650	27 200

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 5 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001 - 15 000	36 150	37 700
	15 001 - 20 000	46 650	48 200
	20 001 - 25 000	57 150	58 700
	25 001 - 30 000	67 650	69 200
	30 001 - 35 000	78 150	79 700
	35 001+	88 650	90 200
NO_OF_HIS_DATA_BLKs - X2			
	0 - 1000	2975	3500
	1001 - 2000	4375	4900
	2001 - 5000	8575	9100
	5001 - 10 000	15 575	16 100
	10 001 - 15 000	22 575	23 100
	15 001 - 20 000	29 575	30 100
	20 001 - 25 000	36 575	37 100
	25 001 - 30 000	43 575	44 100
	30 001 - 35 000	50 575	51 100
	35 001+	57 575	58 100
NO_OF_HIS_DATA_BLKs - X3			
	0 - 1000	1438	1850
	1001 - 2000	1638	2050
	2001 - 5000	2238	2650
	5001 - 10 000	3238	3650
	10 001 - 15 000	4238	4650



## DMS-100 local switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 6 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	15 001 - 20 000	5238	5650
	20 001 - 25 000	6238	6650
	25 001 - 30 000	7238	7650
	30 001 - 35 000	8238	8650
	35 001+	9238	9650
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		3422	3834
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		10 113	13 150
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		225	300
NO_OF_SDS_EXT_BLKs		3000	4000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1313	1350
NO_OF_XLARGE_EXT_BLKs		613	650
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0 - 1000	80	80
	1001 - 2000	160	160

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 7 of 7)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		8000	10 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Line sizes 40 001-60 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 40 001 - 60 000. The table lists the parameter names according to trunk size if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 1 of 7)**

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		1875	2250
AIN_NUM_01_00_EXT_BLKs		938	1125
AIN_NUM_EXT_BLKs		1875	2250
AIN_NUM_PROCESSING_EXT_BLKs		1875	2250
AIN_NUM_TERM_NOTIF_EXT_BLKs		3750	4500
CFD_EXT_BLOCKS		26 250	31 500
CFW_EXT_BLOCKS		10 000	12 000
CFZ_EXT_BLOCKS		6000	7200
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		28 060	32 054
CRS_PRU_POOL3_SIZE		13 500	15 750
CRS_SUBRU_POOL1_SIZE		22 500	27 000
CRS_SUBRU_POOL2_SIZE			
	0 -1000	20 405	24 280
	1001 - 2000	20 435	24 310
	2001 - 5000	20 525	24 400
	5001 - 10 000	20 675	24 550
	10 001 - 15 000	20 825	24 700
	15 001 - 20 000	20 975	24 850

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 2 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	20 001 - 25 000	21 125	25 000
	25 001 - 30 000	21 275	25 150
	30 001 - 35 000	21 425	25 300
	35 001+	21 575	25 450
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	14 000	16 250
	1001 - 2000	14 050	16 300
	2001 - 5000	14 200	16 450
	5001 - 10 000	14 450	16 700
	10 001 - 15 000	14 700	16 950
	15 001 - 20 000	14 950	17 200
	20 001 - 25 000	15 200	17 450
	25 001 - 30 000	15 450	17 700
	30 001 - 35 000	15 700	17 950
	35 001+	15 950	18 200
CRS_SUBRU_POOL4_SIZE		8500	8600
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		375	450
MAX_SDPOOL_NO		15	15

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 3 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 1000	15 600	16 560
	1001 - 2000	15 600	17 520
	2001 - 5000	17 520	18 480
	5001 - 10 000	20 400	21 360
	10 001 - 15 000	22 320	24 240
	15 001 - 20 000	25 200	26 160
	20 001 - 25 000	27 120	29 040
	25 001 - 30 000	30 000	30 960
	30 001 - 35 000	32 880	33 840
	35 001+	34 800	34 800
NCCBS (ENET)			
	0 - 1000	20 400	20 400
	1001 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	34 800
	10 001 - 15 000	34 800	34 800
	15 001 - 20 000	34 800	34 800
	20 001 - 25 000	34 800	34 800
	25 001 - 30 000	34 800	34 800

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 4 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		5259	5634
NO_OF_FTR_XLA_BLKs		3375	3750
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 001 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	9850	11 400
	1001 - 2000	11 950	13 500
	2001 - 5000	18 250	19 800
	5001 - 10 000	28 750	30 300

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 5 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	10 001 - 15 000	39 250	40 800
	15 001 - 20 000	49 750	51 300
	20 001 - 25 000	60 250	61 800
	25 001 - 30 000	70 750	72 300
	30 001 - 35 000	81 250	82 800
	35 001+	91 750	93 300
NO_OF_HIS_DATA_BLKs - X2			
	0 - 1000	4025	4550
	1001 - 2000	5425	5950
	2001 - 5000	9625	10 150
	5001 - 10 000	16 625	17 150
	10 001 - 15 000	23 625	24 150
	15 001 - 20 000	30 625	31 150
	20 001 - 25 000	37 625	38 150
	25 001 - 30 000	44 625	45 150
	30 001 - 35 000	51 625	52 150
	35 001+	58 625	59 150
NO_OF_HIS_DATA_BLKs - X3			
	0 - 1000	2263	2675
	1001 - 2000	2463	2875
	2001 - 5000	3063	3475
	5001 - 10 000	4063	4475
	10 001 - 15 000	5063	5475

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 6 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	15 001 - 20 000	6063	6475
	20 001 - 25 000	7063	7475
	25 001 - 30 000	8063	8475
	30 001 - 35 000	9063	9475
	35 001+	10 063	10 475
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		4247	4659
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		16 188	19 225
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		375	450
NO_OF_SDS_EXT_BLKs		5000	6000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1388	1425
NO_OF_XLARGE_EXT_BLKs		688	725
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0 - 1000	80	80
	1001 - 2000	160	160



**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 7 of 7)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		12 000	14 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 60 001-80 000

The following table lists the table OFCENG parameter names and preset values for line sizes 60 001 - 80 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 1 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		2625	3000
AIN_NUM_01_00_EXT_BLKs		1313	1500
AIN_NUM_EXT_BLKs		2625	3000
AIN_NUM_PROCESSING_EXT_BLKs		2625	3000
AIN_NUM_TERM_NOTIF_EXT_BLKs		5250	6000
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		14 000	16 000
CFZ_EXT_BLOCKS		8400	9600
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		36 048	40 042
CRS_PRU_POOL3_SIZE		15 750	18 000
CRS_SUBRU_POOL1_SIZE		31 500	36 000
CRS_SUBRU_POOL2_SIZE			
	0 - 1000	28 155	32 030
	1001 - 2000	28 185	32 060
	2001 - 5000	28 275	32 150
	5001 - 10 000	28 425	32 300
	10 001 - 15 000	28 575	32 450
	15 001 - 20 000	28 725	32 600

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 2 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	20 001 - 25 000	28 875	32 750
	25 001 - 30 000	29 025	32 900
	30 001 - 35 000	29 175	33050
	35 001+	29 325	33 200
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	18 500	20 750
	1001 - 2000	18 550	20 800
	2001 - 5000	18 700	20 950
	5001 - 10 000	18 950	21 200
	10 001 - 15 000	19 200	21 450
	15 001 - 20 000	19 450	21 700
	20 001 - 25 000	19 700	21 950
	25 001 - 30 000	19 950	22 200
	30 001 - 35 000	20 200	22 450
	35 001+	20 450	22 700
CRS_SUBRU_POOL4_SIZE		8700	8800
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 3 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 1000	18 480	19 440
	1001 - 2000	18 480	20 400
	2001 - 5000	20 400	21 360
	5001 - 10 000	22 320	24 240
	10 001 - 15 000	25 200	26 160
	15 001 - 20 000	28 080	29 040
	20 001 - 25 000	30 000	31 920
	25 001 - 30 000	32 880	33 840
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0 - 1000	20 400	20 400
	1001 - 2000	20 400	20 400
	2001 - 5000	20 400	34 800
	5001 - 10 000	34 800	34 800
	10 001 - 15 000	34 800	34 800
	15 001 - 20 000	34 800	34 800
	20 001 - 25 000	34 800	34 800
	25 001 - 30 000	34 800	34 800

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 4 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	30 001 - 35 000	34 800	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		6009	6384
NO_OF_FTR_XLA_BLKs		4125	4500
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 001 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	12 950	14 500
	1001 - 2000	15 050	16 600
	2001 - 5000	21 350	22 900
	5001 - 10 000	31 850	33 400

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 5 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 01 - 15 000	42 350	43 900
	15 001 - 20 000	52 850	54 400
	20 001 - 25 000	63 350	64 900
	25 001 - 30 000	73 850	75 400
	30 001 - 35 000	84 350	85 900
	35 001+	94 850	96 400
NO_OF_HIS_DATA_BLKs - X2			
	0 - 1000	5075	5600
	1001 - 2000	6475	7000
	2001 - 5000	10 675	11 200
	5001 - 10 000	17 675	18 200
	10 001 - 15 000	24 675	25 200
	15 001 - 20 000	31 675	32 200
	20 001 - 25 000	38 675	39 200
	25 001 - 30 000	45 675	46 200
	30 001 - 35 000	52 675	53 200
	35 001+	59 675	60 200
NO_OF_HIS_DATA_BLKs - X3			
	0 - 1000	3088	3500
	1001 - 2000	3288	3700
	2001 - 5000	3888	4300
	5001 - 10 000	4888	5300
	10 001 - 15 000	5888	6300

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 6 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	15 001 - 20 000	6888	7300
	20 001 - 25 000	7888	8300
	25 001 - 30 000	8888	9300
	30 001 - 35 000	9888	10 300
	35 001+	10 888	11 300
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		5072	5484
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		22 263	25 300
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		525	600
NO_OF_SDS_EXT_BLKs		7000	8000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1463	1500
NO_OF_XLARGE_EXT_BLKs		763	800
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0 - 1000	80	80
	1001 - 2000	160	160

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 7 of 7)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		16 000	18 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047



**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Line sizes 80 001-100 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 80 001 - 100 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 1 of 7)**

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		3375	3750
AIN_NUM_01_00_EXT_BLKs		1688	1875
AIN_NUM_EXT_BLKs		3375	3750
AIN_NUM_PROCESSING_EXT_BLKs		3375	3750
AIN_NUM_TERM_NOTIF_EXT_BLKs		6750	7500
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		18 000	20 000
CFZ_EXT_BLOCKS		10 800	12 000
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		44 036	48 030
CRS_PRU_POOL3_SIZE		20 250	22 500
CRS_SUBRU_POOL1_SIZE		40 500	45 000
CRS_SUBRU_POOL2_SIZE			
	0 - 1000	35 905	39 780
	1001 - 2000	35 935	39 810
	2001 - 5000	36 025	39 900
	5001 - 10 000	36 175	40 050
	10 001 - 15 000	36 325	40 200
	15 001 - 20 000	36 475	40 350

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 2 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
	20 001 - 25 000	36 625	40 500
	25 001 - 30 000	36 775	40 650
	30 001 - 35 000	36 925	40 800
	35 001+	37 075	40 950
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	23 000	25 250
	1001 - 2000	23 050	25 300
	2001 - 5000	23 200	25 450
	5001 - 10 000	23 450	25 700
	10 001 - 15 000	23 700	25 950
	15 001 - 20 000	23 950	26 200
	20 001 - 25 000	24 200	26 450
	25 001 - 30 000	24 450	26 700
	30 001 - 35 000	24 700	26 950
	35 001+	24 950	27 200
CRS_SUBRU_POOL4_SIZE		8900	9000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 3 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 1000	21 360	22 320
	1001 - 2000	21 360	23 280
	2001 - 5000	23 280	24 240
	5001 - 10 000	25 200	27 120
	10 001 - 15 000	28 080	29 040
	15 001 - 20 000	30 960	31 920
	20 001 - 25 000	32 880	34 800
	25 001 - 30 000	34 800	34 800
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0 - 1000	34 800	34 800
	1001 - 2000	34 800	34 800
	2001 - 5000	34 800	34 800
	5001 - 10 000	34 800	34 800
	10 001 - 15 000	34 800	34 800
	15 001 - 20 000	34 800	34 800
	20 001 - 25 000	34 800	34 800
	25 001 - 30 000	49 200	49 200

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 4 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
	30 001 - 35 000	49 200	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		6759	7134
NO_OF_FTR_XLA_BLKs		4875	5250
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 001 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	16 050	17 600
	1001 - 2000	18 150	19 700
	2001 - 5000	24 450	26 000
	5001 - 10 000	34 950	36 500

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 5 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
	10 001 - 15 000	45 450	47 000
	15 001 - 20 000	55 950	57 500
	20 001 - 25 000	66 450	68 000
	25 001 - 30 000	76 950	78 500
	30 001 - 35 000	87 450	89 000
	35 001+	97 950	99 500
NO_OF_HIS_DATA_BLKs - X2			
	0 - 1000	6125	66 500
	1001 - 2000	7525	8050
	2001 - 5000	11 725	12 250
	5001 - 10 000	18 725	19 250
	10 001 - 15 000	25 725	26 250
	15 001 - 20 000	32 725	33 250
	20 001 - 25 000	39 725	40 250
	25 001 - 30 000	46 725	47 250
	30 001 - 35 000	53 725	54 250
	35 001+	60 725	61 250
NO_OF_HIS_DATA_BLKs - X3			
	0 - 1000	3913	4325
	1001 - 2000	4113	4525
	2001 - 5000	4713	5125
	5001 - 10 000	5713	6125
	10 001 - 15 000	6713	7125

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 6 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
	15 001 - 20 000	7713	8125
	20 001 - 25 000	8713	9125
	25 001 - 30 000	9713	10 125
	30 001 - 35 000	10 713	11 125
	35 001+	11 713	12 125
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		5897	6309
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		28 338	31 375
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		675	750
NO_OF_SDS_EXT_BLKs		9000	10 000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1538	1575
NO_OF_XLARGE_EXT_BLKs		838	875
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0 - 1000	80	80
	1001 - 2000	160	160

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 7 of 7)

Parameter name	Trunk size	80 001- 90 000 lines	90 001- 100 000
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		20 000	22 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 100 001-140 000

The following table lists the table OFCENG parameter names and preset values for line sizes 100 001 - 140 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 1 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs		4500	5250
AIN_NUM_01_00_EXT_BLKs		2250	2625
AIN_NUM_EXT_BLKs		4500	5250
AIN_NUM_PROCESSING_EXT_BLKs		4500	5250
AIN_NUM_TERM_NOTIF_EXT_BLKs		9000	10 500
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		24 000	28 000
CFZ_EXT_BLOCKS		14 400	16 800
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE		56 018	64 006
CRS_PRU_POOL3_SIZE		27 000	31 500
CRS_SUBRU_POOL1_SIZE		54 000	63 000
CRS_SUBRU_POOL2_SIZE			
	0 - 1000	47 530	55 280
	1001 - 2000	47 560	55 310
	2001 - 5000	47 650	55 400
	5001 - 10 000	47 800	55 550
	10 001 - 15 000	47 950	55 700
	15 001 - 20 000	48 100	55 850



**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 2 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
	20 001 - 25 000	48 250	56 000
	25 001 - 30 000	48 400	56 150
	30 001 - 35 000	48 550	56 300
	35 001+	48 700	56 450
CRS_SUBRU_POOL3_SIZE			
	0 - 1000	29 750	34 250
	1001 - 2000	29 800	34 300
	2001 - 5000	29 950	34 450
	5001 - 10 000	30 200	34 700
	10 001 - 15 000	30 450	34 950
	15 001 - 20 000	30 700	35 200
	20 001 - 25 000	30 950	35 450
	25 001 - 30 000	31 200	35 700
	30 001 - 35 000	31 450	35 950
	35 001+	31 700	36 200
CRS_SUBRU_POOL4_SIZE		9200	9400
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		0	0
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 3 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 1000	25 200	28 080
	1001 - 2000	25 200	28 080
	2001 - 5000	27 120	30 000
	5001 - 10 000	30 000	32 880
	10 001 - 15 000	31 920	34 800
	15 001 - 20 000	34 800	34 800
	20 001 - 25 000	34 800	34 800
	25 001 - 30 000	34 800	34 800
	30 001 - 35 000	34 800	34 800
	35 001+	34 800	34 800
NCCBS (ENET)			
	0 - 1000	34 800	34 800
	1001 - 2000	34 800	34 800
	2001 - 5000	34 800	34 800
	5001 - 10 000	34 800	34 800
	10 001 - 15 000	34 800	34 800
	15 001 - 20 000	34 800	49 200
	20 001 - 25 000	49 200	49 200
	25 001 - 30 000	49 200	49 200

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 4 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
	30 001 - 35 000	49 200	49 200
	35 001+	49 200	49 200
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		7884	8634
NO_OF_FTR_XLA_BLKs		6000	6750
NO_OF_HIS_CONTROL_BLKs			
	0 - 1000	2000	2000
	1001 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 15 000	30 000	30 000
	15 001 - 20 000	40 000	40 000
	20 001 - 25 000	50 000	50 000
	25 001 - 30 000	60 000	60 000
	30 001 - 35 000	70 000	70 000
	35 001+	80 000	80 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 1000	20 700	23 800
	1001 - 2000	22 800	25 900
	2001 - 5000	29 100	32 200
	5001 - 10 000	39 600	42 700

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 5 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	10 001 - 15 000	50 100	53 200
	15 001 - 20 000	60 600	63 700
	20 001 - 25 000	71 100	74 200
	25 001 - 30 000	81 600	84 700
	30 001 - 35 000	92 100	95 200
	35 001+	102 600	105 700
NO_OF_HIS_DATA_BLKs - X2			
	0 - 1000	7700	8750
	1001 - 2000	9100	10 150
	2001 - 5000	13 300	12 250
	5001 - 10 000	20 300	21 350
	10 001 - 15 000	27 300	28 350
	15 001 - 20 000	34 300	35 350
	20 001 - 25 000	41 300	42 350
	25 001 - 30 000	48 300	49 350
	30 001 - 35 000	55 300	56 350
	35 001+	62 300	63 350
NO_OF_HIS_DATA_BLKs - X3			
	0 - 1000	5150	5975
	1001 - 2000	5350	6175
	2001 - 5000	5950	6775
	5001 - 10 000	6950	7775
	10 001 - 15 000	7950	8775

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 6 of 7)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	15 001 - 20 000	8950	9775
	20 001 - 25 000	9950	10 775
	25 001 - 30 000	10 950	11 775
	30 001 - 35 000	11 950	12 775
	35 001+	12 950	13 775
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs		7134	7959
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767	32 767
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		900	1050
NO_OF_SDS_EXT_BLKs		12 000	14 000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1650	1725
NO_OF_XLARGE_EXT_BLKs		950	1025
NO_TFAN_OM_REGISTERS		4095	4095
NOS_QUANTITY_OF_SVCS		15	15
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		512	512
NUM_OF_RTEB_EXTBLKS			
	0 - 1000	80	80
	1001 - 2000	160	160

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 7 of 7)

Parameter name	Trunk size	100 001- 120 000	120 001- 140 000
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 15 000	1200	1200
	15 001 - 20 000	1600	1600
	20 001 - 25 000	2000	2000
	25 001 - 30 000	2400	2400
	30 001 - 35 000	2800	2800
	35 001+	3200	3200
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		26 000	30 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Line sizes 140 001-160 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 140 001 - 160 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 1 of 7)**

Parameter name	Trunk size	140 001- 160 000
ACD_OVERFLOW_BLOCKS		4094
AIN_NUM_00_PARA_EXT_BLKs		6000
AIN_NUM_01_00_EXT_BLKs		3000
AIN_NUM_EXT_BLKs		6000
AIN_NUM_PROCESSING_EXT_BLKs		6000
AIN_NUM_TERM_NOTIF_EXT_BLKs		12 000
CFD_EXT_BLOCKS		32 767
CFW_EXT_BLOCKS		32 000
CFZ_EXT_BLOCKS		19 200
CRS_PRU_POOL1_SIZE		2000
CRS_PRU_POOL2_SIZE		71 994
CRS_PRU_POOL3_SIZE		36 000
CRS_SUBRU_POOL1_SIZE		72 000
CRS_SUBRU_POOL2_SIZE		35 200
	0 - 1000	63 030
	1001 - 2000	63 060
	2001 - 5000	63 150
	5001 - 10 000	63 300
	10 000 - 15 000	63 450

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 2 of 7)

Parameter name	Trunk size	140 001- 160 000
	15 001 - 20 000	63 600
	20 001 - 25 000	63 750
	25 001 - 30 000	63 900
	30 001 - 35 000	64 050
	35 001+	64 200
CRS_SUBRU_POOL3_SIZE		
	0 - 1000	38 750
	1001 - 2000	38 800
	2001 - 5000	38 950
	5001 - 10 000	39 200
	10 001 - 15 000	39 450
	15 001 - 20 000	39 700
	20 001 - 25 000	39 950
	25 001 - 30 000	40 200
	30 001 - 35 000	40 450
	35 001+	40 700
CRS_SUBRU_POOL4_SIZE		9600
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095
EA_MF_SS7_EXT_BLOCK_COUNT		0
E911_NUMBER_OF_FDBS		1000
KSHUNT_EXT_BLOCKS		500
MAX_NO_OF_TRANS_ID		16 000
MAX_NUM_WIDEBAND_CALLS		500



**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 3 of 7)

Parameter name	Trunk size	140 001- 160 000
MAX_SDPOOL_NO		15
MAXNUCS (JNET)		1024
MAXNUCS (ENET)		0
MAXSTS		64
NCCBS (JNET)		
	0 - 1000	30 960
	1001 - 2000	30 960
	2001 - 5000	32 880
	5001 - 10 000	34 800
	10 001 - 15 000	34 800
	15 001 - 20 000	34 800
	20 001 - 25 000	34 800
	25 001 - 30 000	34 800
	30 001 - 35 000	34 800
	35 001+	34 800
NCCBS (ENET)		
	0 - 1000	34 800
	1001 - 2000	34 800
	2001 - 5000	34 800
	5001 - 10 000	34 800
	10 001 - 15 000	49 200
	15 001 - 20 000	49 200
	20 001 - 25 000	49 200

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 4 of 7)

Parameter name	Trunk size	140 001- 160 000
	25 001 - 30 000	49 200
	30 001 - 35 000	49 200
	35 001+	63 600
NO_LOCAL_COIN_EXT_BLKs		256
NO_OCCTS_OM_REGISTERS		2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000
NO_OF_FTR_CONTROL_BLKs		9384
NO_OF_FTR_XLA_BLKs		7500
NO_OF_HIS_CONTROL_BLKs		
	0 - 1000	2000
	1001 - 2000	4000
	2001 - 5000	10 000
	5001 - 10 000	20 000
	10 001 - 15 000	30 000
	15 001 - 20 000	40 000
	20 001 - 25 000	50 000
	25 001 - 30 000	60 000
	30 001 - 35 000	70 000
	35 001+	80 000
NO_OF_HIS_DATA_BLKs - X1		
	0 - 1000	26 900
	1001 - 2000	29 000
	2001 - 5000	35 300

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 5 of 7)

Parameter name	Trunk size	140 001- 160 000	
	5001 - 10 000	45 800	
	10 001 - 15 000	56 300	
	15 001 - 20 000	66 800	
	20 001 - 25 000	77 300	
	25 001 - 30 000	87 800	
	30 001 - 35 000	98 300	
	35 001+	108 800	
NO_OF_HIS_DATA_BLKs - X2	0 - 1000	9800	
	1001 - 2000	11 200	
	2001 - 5000	15 400	
	5001 - 10 000	22 400	
	10 001 - 15 000	29 400	
	15 001 - 20 000	36 400	
	20 001 - 25 000	43 400	
	25 001 - 30 000	50 400	
	30 001 - 35 000	57 400	
	35 001+	64 400	
	NO_OF_HIS_DATA_BLKs - X3	0 - 1000	6800
		1001 - 2000	7000
		2001 - 5000	7600
5001 - 10 000		8600	

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 6 of 7)

Parameter name	Trunk size	140 001- 160 000
	10 001 - 15 000	9600
	15 001 - 20 000	10 600
	20 001 - 25 000	11 600
	25 001 - 30 000	12 600
	30 001 - 35 000	13 600
	35 001+	14 600
NO_OF_LARGE_EXT_BLKs		1000
NO_OF_LARGE_FTR_DATA_BLKs		8784
NO_OF_MEDIUM_EXT_BLKs		1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767
NO_OF_PVN_EXTBLK		2700
NO_OF_PVN_TERM_EXTBLK		1200
NO_OF_SC_EXT_BLKs		1200
NO_OF_SDS_EXT_BLKs		16 000
NO_OF_SMALL_EXT_BLKs		1000
NO_OF_SMALL_FTR_DATA_BLKs		1800
NO_OF_XLARGE_EXT_BLKs		1100
NO_TFAN_OM_REGISTERS		4095
NOS_QUANTITY_OF_SVCS		15
NUM_IBN_IXLA_EXT_BLOCKS		1000
NUM_OF_NSC_EXT_BLK		512
NUM_OF_RTEB_EXTBLKS	0 - 1000	80

**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table OFCENG (end)**

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 7 of 7)

Parameter name	Trunk size	140 001- 160 000
	1001 - 2000	160
	2001 - 5000	400
	5001 - 10 000	800
	10 001 - 15 000	1200
	15 001 - 20 000	1600
	20 001 - 25 000	2000
	25 001 - 30 000	2400
	30 001 - 35 000	2800
	35 001+	3200
NUM_RC_EXT_BLKs		1000
NUMCALLPROCESSES		80
NUMCPWAKE		32 767
NUMIBNCQEXTBLK		3825
NUMOHCQBQTRANSBLKS		1169
NUMPERMEXT		7000
OCCTS_ENHANCED_FEATURE		Y
SLE_ITEMS_IN_SEGMENT		1024
SLE_MAX_SEGMENT_COUNT		2047

## DMS-100 local switch with 36-100% MDC and ISDN lines Table OFCOPT

### Line sizes 1-160 000

The Table OFCOPT parameter lists the following names and preset values for line sizes 1-160 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for Table OFCOPT line sizes 1-160 000 (Sheet 1 of 2)

Parameter name	1-160 000 lines
ENET_MAX_CHANNEL_GROUP	3 840
MAX_ACDMIS_SESSIONS	5
MAX_MBG_LINES	1 000
MAX_NUM_CTX_ASSOC	32 767
MAX_NUM_ECM_ACDEVENT	32 767
MAX_NUM_ECM_CALLINIT	32 767
MAX_NUM_ECM_CTXEVENT	32 767
MAX_NUM_ECM_DNQUERY	32 767
MAX_NUM_ECM_ICCM	32 767
MAX_NUM_ECM_LINE_MAKECALL	32 767
MAX_NUM_ECM_LINE_SCAICC	32 767
MAX_NUM_ECM_LINE_SCAI3WC	32 767
MAX_NUM_ECM_LINE_SCAIMWT	32 767
MAX_NUM_ECM_RESEVENT	32 767
MAX_NUM_ECM_RESOURCE	32 767
MAX_NUM_ECM_ROUTING	32 767
MAX_NUM_ECM_SCAICC	32 767
MAX_NUM_ECM_SCAI3WC	32 767
MAX_NUM_ECM_SCAIMWTI	32 767
MAX_NUM_ECM_SVC	32 767

## **DMS-100 local switch with 36-100% MDC and ISDN lines**

### **Table OFCOPT (end)**

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#### **Preset office parameter values for Table OFCOPT line sizes 1-160 000 (Sheet 2 of 2)**

<b>Parameter name</b>	<b>1-160 000 lines</b>
MAX_NUM_ECM_TPAC	32 767
MAX_NUM_ECM_TPCC	32 767
MAX_NUM_ECM_TPQC	32 767
MAX_NUM_RES_ASSOC	32 767
NA_TOLL_FREE_TYPE	US_SERVICE
TFAN_ENHANCED_FEATURE	Y

**DMS-100 local switch with 36-100% MDC and ISDN lines  
Table OFCSTD**

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**Line sizes 1-160,000**

The Table OFCSTD parameter lists the following names and preset values for line sizes 1-160 000.

**Preset office parameter values for Table OFCSTD line sizes 1-160 000**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
MTCBASE_SCPD	2047



## **DMS-100 local switch with 36-100% MDC and ISDN lines**

### **Table OFCVAR**

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#### **Line sizes 1-160 000**

The Table OFCVAR parameter lists the following names and preset values for line sizes 1-160 000.

#### **Preset office parameter values for Table OFCVAR line sizes 1-160 000**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
PER_OPC_LOGDEV_BUFFER_SIZE	22 000

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**DMS-100 local switch with 36-100% MDC and ISDN lines**  
**Table DATASIZE**

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**Line sizes 1-160 000**

The Table DATASIZE office lists the following parameter names and preset values for line sizes 1-160 000.

**Preset office parameter values for Table DATASIZE line sizes 1-160 000**

<b>Parameter name</b>	<b>1-160 000 lines</b>
AIODGRP	255
AIODMEM	255
CLLI	2 048
CPOS	64
NWMAOCR	64
NWMPPLN	256
TRKGRP	2 048



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## 5 DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines—U.S. only

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### Organization

This chapter applies to DMS-100 local switch offices in which 36-100% of the total lines are Meridian Digital Centrex (MDC) and integrated services digital network (ISDN) lines.

This chapter is organized in modules. A module exists for each of the following office parameter tables, which have preset values:

- table OFCENG
- table OFCOPT
- table OFCSTD
- table OFCVAR
- table DATASIZE

Each office parameter module includes five tables grouped according to the number of lines.

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG

### Line sizes 1-20 000

The table OFCENG parameter names and the preset values for line sizes 1-20 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

#### Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 1 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
ACD_OVERFLOW_BLOCKS		3000	3000
AIN_NUM_00_PARA_EXT_BLKs			
	0-2000	300	350
	2001-5000	375	500
	5001-10 000	625	750
	10 001-20 000	1125	1250
	20 001-30 000	1625	1750
	30 001-40 000	2125	2250
	40 001-50 000	2625	2750
	50 001-60 000	3125	3250
	60 001-70 000	3625	3750
	70 001+	4125	4250
AIN_NUM_01_00_EXT_BLKs			
	0-2000	150	175
	2001-5000	188	250
	5001-10 000	313	375
	10 001-20 000	563	625
	20 001-30 000	813	875
	30 001-40 000	1063	1125
	40 001-50 000	1313	1375

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG (continued)**

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 2 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
AIN_NUM_EXT_BLKs	50 001-60 000	1563	1625
	60 001-70 000	1813	1875
	70 001+	2063	2125
AIN_NUM_PROCESSING_EXT_BLKs	0-2000	225	350
	2001-5000	375	500
	5001-10 000	625	750
	10 001-20 000	1125	1250
	20 001-30 000	1625	1750
	30 001-40 000	2125	2250
	40 001-50 000	2625	2750
	50 001-60 000	3125	3250
	60 001-70 000	3625	3750
	70 001+	4125	4250
AIN_NUM_PROCESSING_EXT_BLKs	0-2000	225	350
	2001-5000	375	500
	5001-10 000	625	750
	10 001-20 000	1125	1250
	20 001-30 000	1625	1750
	30 001-40 000	2125	2250
	40 001-50 000	2625	2750
50 001-60 000	3125	3250	

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 3 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	60 001-70 000	3625	3750
	70 001+	4125	4250
AIN_NUM_TERM_NOTIF_EXT_BLKS			
	0-2000	450	700
	2001-5000	750	1000
	5001-10 000	1250	1500
	10 001-20 000	2250	2500
	20 001-30 000	3250	3500
	30 001-40 000	4250	4500
	40 001-50 000	5250	5500
	50 001-60 000	6250	6500
	60 001-70 000	7250	7500
	70 001+	8250	8500
CFD_EXT_BLOCKS		1750	3500
CFW_EXT_BLOCKS		2000	4000
CFZ_EXT_BLOCKS		1200	2400
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE			
	0-2000	11 084	12 978
	2001-5000	12 734	14 628
	5001-10 000	15 484	17 378
	10 001-20 000	20 984	22 878
	20 001-30 000	26 484	28 378

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 4 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	30 001-40 000	31 984	33 878
	40 001-50 000	37 484	39 378
	50 001-60 000	42 984	44 878
	60 001-70 000	48 484	50 378
	70 001+	53 984	55 878
CRS_PRU_POOL3_SIZE		750	1500
CRS_SUBRU_POOL1_SIZE			
	0-2000	1800	3300
	2001-5000	2250	3750
	5001-10 000	3000	4500
	10 001-20 000	4500	6000
	20 001-30 000	6000	7500
	30 001-40 000	7500	9000
	40 001-50 000	9000	10 500
	50 001-60 000	10 500	12 000
	60 001-70 000	12 000	13 500
	70 001+	13 500	15 000
CRS_SUBRU_POOL2_SIZE			
	0-2000	3285	5110
	2001-5000	3975	5800
	5001-10 000	5125	6950
	10 001-20 000	7425	9250
	20 001-30 000	9725	11 550



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 5 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	30 001-40 000	12 025	13 850
	40 001-50 000	14 325	16 150
	50 001-60 000	16 625	18 450
	60 001-70 000	18 925	20 750
	70 001+	21 225	23 050
CRS_SUBRU_POOL3_SIZE			
	0-2000	3650	4400
	2001-5000	3950	4700
	5001-10 000	4450	5200
	10 001-20 000	5450	6200
	20 001-30 000	6450	7200
	30 001-40 000	7450	8200
	40 001-50 000	8450	9200
	50 001-60 000	9450	10 200
	60 001-70 000	10 450	11 200
	70 001+	11 450	12 200
CRS_SUBRU_POOL4_SIZE			
	0-2000	7600	7600
	2001-5000	8500	8500
	5001-10 000	10 000	10 000
	10 001-20 000	13 000	13 000
	20 001-30 000	16 000	16 000
	30 001-40 000	19 000	19 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 6 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	40 001-50 000	22 000	22 000
	50 001-60 000	25 000	25 000
	60 001-70 000	28 000	28 000
	70 001+	31 000	31 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		25	50
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	32
NCCBS (JNET)			
	0-2000	10 800	11 760
	2001-5000	11 760	13 680
	5001-10 000	14 640	15 600
	10 001-20 000	19 440	20 400
	20 001-30 000	24 240	26 160
	30 001-40 000	29 040	30 960
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 7 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
NCCBS (ENET)	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
	0-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	20 400
	10 001-20 000	20 400	20 400
	20 001-30 000	34 800	34 800
	30 001-40 000	34 800	34 800
	40 001-50 000	34 800	49 200
	50 001-60 000	49 200	49 200
	60 001-70 000	49 200	49 200
	70 001+	49 200	63 600
	NO_LOCAL_COIN_EXT_BLKs		256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0-2000	3609	3734
	2001-5000	3759	3884
	5001-10 000	4009	4134
	10 001-20 000	4509	4634
	20 001-30 000	5009	5134
	30 001-40 000	5509	5634

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 8 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	40 001-50 000	6009	6134
	50 001-60 000	6509	6634
	60 001-70 000	7009	7134
	70 001+	7509	7634
NO_OF_FTR_XLA_BLKs	0-2000	1725	1850
	2001-5000	1875	2000
	5001-10 000	2125	2250
	10 001-20 000	2625	2750
	20 001-30 000	3125	3250
	30 001-40 000	3625	3750
	40 001-50 000	4125	4250
	50 001-60 000	4625	4750
	60 001-70 000	5125	5250
	70 001+	5625	5750
	NO_OF_HIS_CONTROL_BLKs	0-2000	4000
2001-5000		10 000	10 000
5001-10 000		20 000	20 000
10 001-20 000		40 000	40 000
20 001-30 000		60 000	60 000
30 001-40 000		80 000	80 000
40 001-50 000		100 000	100 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 9 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKs - X1			
	0-2000	4700	5200
	2001-5000	11 000	11 500
	5001-10 000	21 500	22 000
	10 001-20 000	42 500	43 000
	20 001-30 000	63 500	64 000
	30 001-40 000	84 500	85 000
	40 001-50 000	105 500	106 000
	50 001-60 000	126 500	127 000
	60 001-70 000	147 500	148 000
	70 001+	168 500	169 000
NO_OF_HIS_DATA_BLKs - X2			
	0-2000	3025	3150
	2001-5000	7375	7500
	5001-10 000	14 625	14 750
	10 001-20 000	29 125	29 250
	20 001-30 000	43 625	43 750
	30 001-40 000	58.125	58 250
	40 001-50 000	72 625	72 750
	50 001-60 000	87 125	87 250

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 10 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	60 001-70 000	101 625	101 750
	70 001+	116 125	116 250
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	725	850
	2001-5000	1625	1750
	5001-10 000	3125	3250
	10 001-20 000	6125	6250
	20 001-30 000	9125	9250
	30 001-40 000	12 125	12 250
	40 001-50 000	15 125	15 250
	50 001-60 000	18 125	18 250
	60 001-70 000	21 125	21 250
	70 001+	24 125	24 250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	2409	2534
	2001-5000	2559	2684
	5001-10 000	2809	2934
	10 001-20 000	3309	3434
	20 001-30 000	3809	3934
	30 001-40 000	4309	4434
	40 001-50 000	4809	4934
	50 001-60 000	5309	5434

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 11 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	60 001-70 000	5809	5934
	70 001+	6309	6434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		4413	7425
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		25	50
NO_OF_SDS_EXT_BLKs		125	250
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0-2000	511	518
	2001-5000	519	525
	5001-10 000	531	538
	10 001-20 000	556	563
	20 001-30 000	581	588
	30 001-40 000	606	613
	40 001-50 000	631	638
	50 001-60 000	656	663
	60 001-70 000	681	688
	70 001+	706	713
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 12 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IOLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0-2000	160	160
	2001-5000	400	400
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001-40 000	3200	3200
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		4000	6000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10



**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parm values for table OFCENG line sizes 1-20 000 (Sheet 13 of 13)**

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 20 001-40 000**

The table OFCENG parameter names and the preset values for line sizes 20 001-40 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

**Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 1 of 13)**

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
ACD_OVERFLOW_BLOCKS		3000	4094
AIN_NUM_00_PARA_EXT_BLKs			
	0-2000	475	600
	2001-5000	625	750
	5001-10 000	875	1000
	10 001-20 000	1375	1500
	20 001-30 000	1875	2000
	30 001-40 000	2375	2500
	40 001-50 000	2875	3000
	50 001-60 000	3375	3500
	60 001-70 000	3875	4000
	70 001+	4375	4500
AIN_NUM_01_00_EXT_BLKs			
	0-2000	238	300
	2001-5000	313	375

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 2 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	5001-10 000	438	500
	10 001-20 000	688	750
	20 001-30 000	938	1000
	30 001-40 000	1188	1250
	40 001-50 000	1438	1500
	50 001-60 000	1688	1750
	60 001-70 000	1938	2000
	70 001+	2188	2250
AIN_NUM_EXT_BLKs			
	0-2000	475	600
	2001-5000	625	750
	5001-10 000	875	1000
	10 001-20 000	1375	1500
	20 001-30 000	1875	2000
	30 001-40 000	2375	2500
	40 001-50 000	2875	3000
	50 001-60 000	3375	3500
	60 001-70 000	3875	4000
	70 001+	4375	4500
AIN_NUM_PROCESSING_EXT_BLKs			
	0-2000	475	600
	2001-5000	625	750
	5001-10 000	875	1000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 3 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001-20 000	1375	1500
	20 001-30 000	1875	2000
	30 001-40 000	2375	2500
	40 001-50 000	2875	3000
	50 001-60 000	3375	3500
	60 001-70 000	3875	4000
	70 001+	4375	4500
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0-2000	950	1200
	2001-5000	1250	1500
	5001-10 000	1750	2000
	10 001-20 000	2750	3000
	20 001-30 000	3750	4000
	30 001-40 000	4750	5000
	40 001-50 000	5750	6000
	50 001-60 000	6750	7000
	60 001-70 000	7750	8000
	70 001+	8750	9000
CFD_EXT_BLOCKS		5250	7000
CFW_EXT_BLOCKS		6000	8000
CFZ_EXT_BLOCKS		3600	4800
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE			

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 4 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	0-2000	14 872	16 766
	2001-5000	16 522	18 416
	5001-10 000	19 272	21 166
	10 001-20 000	24 772	26 666
	20 001-30 000	30 272	32 166
	30 001-40 000	35 772	37 666
	40 001-50 000	41 272	43 166
	50 001-60 000	46 272	48 666
	60 001-70 000	52 272	54 166
	70 001+	57 772	59 666
CRS_PRU_POOL3_SIZE		2250	3000
CRS_SUBRU_POOL1_SIZE			
	0-2000	4800	6300
	2001-5000	5250	6750
	5001-10 000	6000	7500
	10 001-20 000	7500	9000
	20 001-30 000	9000	10 500
	30 001-40 000	10 500	12 000
	40 001-50 000	12 000	13 500
	50 001-60 000	13 500	15 000
	60 001-70 000	15 000	16 500
	70 001+	16 500	18 000
CRS_SUBRU_POOL2_SIZE			

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 5 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	0-2000	6935	8760
	2001-5000	7625	9450
	5001-10 000	8775	10 600
	10 001-20 000	11 075	12 900
	20 001-30 000	13.375	15 200
	30 001-40 000	15 675	17 500
	40 001-50 000	17 975	19 800
	50 001-60 000	20 275	22 100
	60 001-70 000	22 575	24 400
	70 001+	24 875	26 700
CRS_SUBRU_POOL3_SIZE			
	0-2000	5150	5900
	2001-5000	5450	6200
	5001-10 000	5950	6700
	10 001-20 000	6950	7700
	20 001-30 000	7950	8700
	30 001-40 000	8950	9700
	40 001-50 000	9950	10 700
	50 001-60 000	10 950	11 700
	60 001-70 000	11 950	12 700
	70 001+	12 950	13 700
CRS_SUBRU_POOL4_SIZE			
	0-2000	7600	7600

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 6 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001-5000	8500	8500
	5001-10 000	10 000	10 000
	10 001-20 000	13 000	13 000
	20 001-30 000	16 000	16 000
	30 001-40 000	19 000	19 000
	40 001-50 000	22 000	22 000
	50 001-60 000	25 000	25 000
	60 001-70 000	28 000	28 000
	70 001+	31 000	31 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		75	100
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	64
NCCBS (JNET)			
	0-2000	12 720	14 640
	2001-5000	14 640	15 600
	5001-10 000	17 520	18 480

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 7 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001-20 000	22 320	23 280
	20 001-30 000	27 120	28 080
	30 001-40 000	31 920	33 840
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800
	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	20 400
	10 001-20 000	34 800	34 800
	20 001-30 000	34 800	34 800
	30 001-40 000	34 800	34 800
	40 001-50 000	49 200	49 200
	50 001-60 000	49 200	49 200
	60 001-70 000	49 200	49 200
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		3572	3634
	0-2000	3859	3984

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 8 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001-5000	4009	4134
	5001-10 000	4259	4384
	10 001-20 000	4759	4884
	20 001-30 000	5259	5384
	30 001-40 000	5759	5884
	40 001-50 000	6259	6384
	50 001-60 000	6759	6884
	60 001-70 000	7259	7384
	70 001+	7759	7884
NO_OF_FTR_XLA_BLKs			
	0-2000	1975	2100
	2001-5000	2125	2250
	5001-10 000	2375	2500
	10 001-20 000	2875	3000
	20 001-30 000	3375	3500
	30 001-40 000	3875	4000
	40 001-50 000	4375	4500
	50 001-60 000	4875	5000
	60 001-70 000	5375	5500
	70 001+	5875	6000
NO_OF_HIS_CONTROL_BLKs			
	0-2000	4000	4000
	2001-5000	10 000	10 000



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 9 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	5001-10 000	20 000	20 000
	10 001-20 000	40 000	40 000
	20 001-30 000	60 000	60 000
	30 001-40 000	80 000	80 000
	40 001-50 000	100 000	100 000
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0-2000	5700	6200
	2001-5000	12 000	12 500
	5001-10 000	22 500	23 000
	10 001-20 000	43 500	44 000
	20 001-30 000	64 500	65 000
	30 001-40 000	85 500	86 000
	40 001-50 000	106 500	107 000
	50 001-60 000	127 500	128 000
	60 001-70 000	148 500	149 000
	70 001+	169 500	170 000
NO_OF_HIS_DATA_BLKS - X2			
	0-2000	3275	3400
	2001-5000	7625	7750
	5001-10 000	14 875	15 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 10 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001-20 000	29 375	29 500
	20 001-30 000	43 875	44 000
	30 001-40 000	58 375	58 500
	40 001-50 000	72 875	73 000
	50 001-60 000	87 375	87 500
	60 001-70 000	101 875	102 000
	70 001+	116 375	116 500
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	975	1100
	2001-5000	1875	2000
	5001-10 000	3375	3500
	10 001-20 000	6375	6500
	20 001-30 000	9375	9500
	30 001-40 000	12 375	12 500
	40 001-50 000	15 375	15 500
	50 001-60 000	18 375	18 500
	60 001-70 000	21 375	21 500
	70 001+	24 375	24 500
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	2659	2784
	2001-5000	2809	2934
	5001-10 000	3059	3184

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 11 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	10 001-20 000	3599	3684
	20 001-30 000	4059	4184
	30 001-40 000	4599	4684
	40 001-50 000	5059	5184
	50 001-60 000	5559	5684
	60 001-70 000	6059	6184
	70 001+	6559	6684
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		10 438	13 450
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		75	100
NO_OF_SDS_EXT_BLKs		375	500
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0-2000	524	530
	2001-5000	531	538
	5001-10 000	544	550
	10 001-20 000	569	575
	20 001-30 000	594	600
	30 001-40 000	619	625
	40 001-50 000	644	650

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 12 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	50 001-60 000	669	675
	60 001-70 000	694	700
	70 001+	719	725
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0-2000	160	160
	2001-5000	400	400
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001-40 000	3200	3200
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		8000	10 000
NUMIBNCQEXTBLK		3825	3825

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

#### Preset office parm values for table OFCENG line sizes 20 001-40 000 (Sheet 13 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

#### Line sizes 40 001-60 000

The table OFCENG parameter names and the preset values for line sizes 40 001-60 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

#### Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 1 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs	0-2000	725	850
	2001-5000	875	1000
	5001-10 000	1125	1250
	10 001-20 000	1625	1750
	20 001-30 000	2125	2250
	30 001-40 000	2625	2750
	40 001-50 000	3125	3250
	50 001-60 000	3625	3750
	60 001-70 000	4125	4250

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 2 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
AIN_NUM_01_00_EXT_BLKs	70 001+	4625	4750
	0-2000	363	425
	2001-5000	438	500
	5001-10 000	563	625
	10 001-20 000	813	875
	20 001-30 000	1063	1125
	30 001-40 000	1313	1375
	40 001-50 000	1563	1625
	50 001-60 000	1813	1875
	60 001-70 000	2063	2125
	70 001+	2313	2375
AIN_NUM_EXT_BLKs	0-2000	725	850
	2001-5000	875	1000
	5001-10 000	1125	1250
	10 001-20 000	1625	1750
	20 001-30 000	2125	2250
	30 001-40 000	2625	2750
	40 001-50 000	3125	3250
	50 001-60 000	3625	3750
	60 001-70 000	4125	4250
	70 001+	4625	4750

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 3 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
AIN_NUM_PROCESSING_EXT_BLKS	0-2000	725	850
	2001-5000	875	1000
	5001-10 000	1125	1250
	10 001-20 000	1625	1750
	20 001-30 000	2125	2250
	30 001-40 000	2625	2750
	40 001-50 000	3125	3250
	50 001-60 000	3625	3750
	60 001-70 000	4125	4250
	70 001+	4625	4750
AIN_NUM_TERM_NOTIF_EXT_BLKS	0-2000	1450	1700
	2001-5000	1750	2000
	5001-10 000	2250	2500
	10 001-20 000	3250	3500
	20 001-30 000	4250	4500
	30 001-40 000	5250	5500
	40 001-50 000	6250	6500
	50 001-60 000	7250	7500
	60 001-70 000	8250	8500
	70 001+	9250	9500
CFD_EXT_BLOCKS		8750	10 500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 4 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
CFW_EXT_BLOCKS		10 000	12 000
CFZ_EXT_BLOCKS		6000	7200
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0-2000	18 660	20 554
	2001-5000	20 310	22 204
	5001-10 000	23 060	24 954
	10 001-20 000	28 560	30 454
	20 001-30 000	34 060	35 954
	30 001-40 000	37 560	41 454
	40 001-50 000	45 060	46 954
	50 001-60 000	50 560	52 454
	60 001-70 000	56 060	57 954
	70 001+	61 560	63 454
CRS_PRU_POOL3_SIZE		3750	4500
CRS_SUBRU_POOL1_SIZE			
	0-2000	7800	9300
	2001-5000	8250	9750
	5001-10 000	9000	10 500
	10 001-20 000	10 500	12 000
	20 001-30 000	12 000	13 500
	30 001-40 000	13 500	15 000
	40 001-50 000	15 000	16 500



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 5 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	50 001-60 000	16 500	18 000
	60 001-70 000	18 000	19 500
	70 001+	19 500	21 000
CRS_SUBRU_POOL2_SIZE			
	0-2000	10 585	12 410
	2001-5000	11 275	13 100
	5001-10 000	12 425	14 250
	10 001-20 000	14 725	16 550
	20 001-30 000	17 025	18 850
	30 001-40 000	19 335	21 150
	40 001-50 000	21 625	23 450
	50 001-60 000	23 925	25 750
	60 001-70 000	26 225	28 050
	70 001+	28 525	30 350
CRS_SUBRU_POOL3_SIZE			
	0-2000	6650	7400
	2001-5000	6950	7700
	5001-10 000	7450	8200
	10 001-20 000	8450	9200
	20 001-30 000	9450	10 200
	30 001-40 000	10 450	11 200
	40 001-50 000	11 450	12 200
	50 001-60 000	12 450	13 200

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 6 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	60 001-70 000	13 450	14 200
	70 001+	14 450	15 200
CRS_SUBRU_POOL4_SIZE			
	0-2000	8600	8600
	2001-5000	9500	9500
	5001-10 000	11 000	11 000
	10 001-20 000	14 000	14 000
	20 001-30 000	17 000	17 000
	30 001-40 000	20 000	20 000
	40 001-50 000	23 000	23 000
	50 001-60 000	26 000	26 000
	60 001-70 000	29 000	29 000
	70 001+	32 000	32 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		125	150
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 7 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NCCBS (JNET)	0-2000	15 600	17 520
	2001-5000	17 520	18 480
	5001-10 000	20 400	21 360
	10 001-20 000	25 200	26 160
	20 001-30 000	30 000	30 960
	30 001-40 000	34 800	34 800
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800
	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)	0-2000	20 400	20 400
	2001-5000	20 400	20 400
	5001-10 000	20 400	34 800
	10 001-20 000	34 800	34 800
	20 001-30 000	34 800	34 800
	30 001-40 000	34 800	49 200
	40 001-50 000	49 200	49 200
	50 001-60 000	49 200	49 200
	60 001-70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 8 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0-2000	4109	4234
	2001-5000	4259	4384
	5001-10 000	4509	4634
	10 001-20 000	5009	5134
	20 001-30 000	5509	5634
	30 001-40 000	6009	6134
	40 001-50 000	6509	6634
	50 001-60 000	7009	7134
	60 001-70 000	7509	7634
	70 001+	8009	8134
NO_OF_FTR_XLA_BLKs			
	0-2000	2225	2350
	2001-5000	2375	2500
	5001-10 000	2625	2750
	10 001-20 000	3125	3250
	20 001-30 000	3625	3750
	30 001-40 000	4125	4250
	40 001-50 000	4625	4750
	50 001-60 000	5125	5250
	60 001-70 000	5625	5750

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 9 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NO_OF_HIS_CONTROL_BLKS	70 001+	6125	6250
	0-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-20 000	40 000	40 000
	20 001-30 000	60 000	60 000
	30 001-40 000	80 000	80 000
	40 001-50 000	100 000	100 000
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1	0-2000	6700	7200
	2001-5000	13 000	13 500
	5001-10 000	23 500	24 000
	10 001-20 000	44 500	45 000
	20 001-30 000	65 500	66 000
	30 001-40 000	86 500	87 000
	40 001-50 000	107 500	108 000
	50 001-60 000	128 500	129 000
	60 001-70 000	149 500	150 000
	70 001+	170 500	171 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 10 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NO_OF_HIS_DATA_BLKs - X2			
	0-2000	3525	3650
	2001-5000	7875	8000
	5001-10 000	15 125	15 250
	10 001-20 000	29 625	29 750
	20 001-30 000	44 125	44 250
	30 001-40 000	58 625	58 750
	40 001-50 000	73 125	73 250
	50 001-60 000	87 625	87 750
	60 001-70 000	102 125	102 250
	70 001+	116 625	116 750
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	1225	1350
	2001-5000	2125	2250
	5001-10 000	3625	3750
	10 001-20 000	6625	6750
	20 001-30 000	9625	9750
	30 001+40 000	12 625	12 750
	40 001-50 000	15 625	15 750
	50 001-60 000	18 625	18 750
	60 001-70 000	21 625	21 750
	70 001+	24 625	24 750
NO_OF_LARGE_EXT_BLKs		1000	1000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 11 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	2909	3034
	2001-5000	3059	3184
	5001-10 000	3309	3434
	10 001-20 000	3809	3934
	20 001-30 000	4309	4434
	30 001+40 000	4809	4934
	40 001-50 000	5309	5434
	50 001-60 000	5809	5934
	60 001-70 000	6309	6434
	70 001+	6809	6934
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		16 463	19 475
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		125	150
NO_OF_SDS_EXT_BLKs		625	750
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0-2000	536	543
	2001-5000	544	550
	5001-10 000	556	563

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 12 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	10 001-20 000	581	588
	20 001-30 000	606	613
	30 001+40 000	631	638
	40 001-50 000	656	663
	50 001-60 000	681	688
	60 001-70 000	706	713
	70 001+	731	738
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0-2000	160	160
	2001-5000	400	400
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001+40 000	3200	3200
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000



**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parm values for table OFCENG line sizes 40 001-60 000 (Sheet 13 of 13)**

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		12 000	14 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 60 001-80 000**

The table OFCENG parameter names and the preset values for line sizes 60 001-80 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

**Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 1 of 13)**

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs	0-2000	975	1100
	2001-5000	1125	1250
	5001-10 000	1375	1500
	10 001-20 000	1875	2000
	20 001-30 000	2375	2500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 2 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	30 001+40 000	2875	3000
	40 001-50 000	3375	3500
	50 001-60 000	3875	4000
	60 001-70 000	4375	4500
	70 001+	4875	5000
AIN_NUM_01_00_EXT_BLKs			
	0-2000	488	550
	2001-5000	563	625
	5001-10 000	688	750
	10 001-20 000	938	1000
	20 001-30 000	1188	1250
	30 001+40 000	1438	1500
	40 001-50 000	1688	1750
	50 001-60 000	1938	2000
	60 001-70 000	2188	2250
	70 001+	2438	2500
AIN_NUM_EXT_BLKs			
	0-2000	975	1110
	2001-5000	1125	1250
	5001-10 000	1375	1500
	10 001-20 000	1875	2000
	20 001-30 000	2375	2500
	30 001-40 000	2875	3000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 3 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	40 001-50 000	3375	3500
	50 001-60 000	3875	4000
	60 001-70 000	4375	4500
	70 001+	4875	5000
AIN_NUM_PROCESSING_EXT_BLKS			
	0-2000	975	1100
	2001-5000	1125	1250
	5001-10 000	1375	1500
	10 001-20 000	1875	2000
	20 001-30 000	2375	2500
	30 001-40 000	2875	3000
	40 001-50 000	3375	3500
	50 001-60 000	3875	4000
	60 001-70 000	4375	4500
	70 001+	4875	5000
AIN_NUM_TERM_NOTIF_EXT_BLKS			
	0-2000	1950	2200
	2001-5000	2250	2500
	5001-10 000	2750	3000
	10 001-20 000	3750	4000
	20 001-30 000	4750	5000
	30 001+40 000	5750	6000
	40 001-50 000	6750	7000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 4 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	50 001-60 000	7750	8000
	60 001-70 000	8750	9000
	70 001+	9750	10 000
CFD_EXT_BLOCKS		12 250	14 000
CFW_EXT_BLOCKS		14 000	16 000
CFZ_EXT_BLOCKS		8400	9600
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0-2000	22 448	24 342
	2001-5000	24 098	25 992
	5001-10 000	26 848	28 742
	10 001-20 000	32 848	34 242
	20 001-30 000	37 848	39 742
	30 001-40 000	43 348	45 242
	40 001-50 000	48 848	50 742
	50 001-60 000	53 348	56 242
	60 001-70 000	59 848	61 742
	70 001+	65 348	67 242
CRS_PRU_POOL3_SIZE		5250	6000
CRS_SUBRU_POOL1_SIZE			
	0-2000	10 800	12 300
	2001-5000	11 250	12 750
	5001-10 000	12 000	13 500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 5 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 001-20 000	13 500	15 000
	20 001-30 000	15 000	16 500
	30 001-40 000	16 500	18 000
	40 001-50 000	18 000	19 500
	50 001-60 000	19 500	21 000
	60 001-70 000	21 000	22 500
	70 001+	22 500	24 000
CRS_SUBRU_POOL2_SIZE			
	0-2000	14 235	16 060
	2001-5000	14 925	16 750
	5001-10 000	16 075	17 900
	10 001-20 000	18 375	20 200
	20 001-30 000	20 675	22 500
	30 001-40 000	22 975	24 800
	40 001-50 000	25 275	27 100
	50 001-60 000	25 575	29 400
	60 001-70 000	29 875	31 700
	70 001+	32 175	34 000
CRS_SUBRU_POOL3_SIZE			
	0-2000	8150	8900
	2001-5000	8450	9200
	5001-10 000	8950	9700
	10 001-20 000	9950	10 700

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 6 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	20 001-30 000	10 950	11 700
	30 001-40 000	11 950	12 700
	40 001-50 000	12 950	13 700
	50 001-60 000	13 950	14 700
	60 001-70 000	14 950	15 700
	70 001+	15 950	16 700
CRS_SUBRU_POOL4_SIZE			
	0-2000	8600	8600
	2001-5000	9500	9500
	5001-10 000	11 000	11 000
	10 001-20 000	14 000	14 000
	20 001-30 000	17 000	17 000
	30 001-40 000	20 000	20 000
	40 001-50 000	23 000	23 000
	50 001-60 000	26 000	26 000
	60 001-70 000	29 000	29 000
	70 001+	32 000	32 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		175	200

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 7 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0- 2000	18 480	20 400
	2001-5000	20 400	21 360
	5001-10 000	22 320	24 240
	10 001-20 000	28 080	29 040
	20 001-30 000	32 880	33 840
	30 001-40 000	34 800	34 800
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800
	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0-2000	20 400	20 400
	2001-5000	20 400	34 800
	5001-10 000	34 800	34 800
	10 001-20 000	34 800	34 800
	20 001-30 000	34 800	34 800
	30 001-40 000	49 200	49 200
	40 001-50 000	49 200	49 200

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 8 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	50 001-60 000	49 200	49 200
	60 001-70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs		3822	3884
	0-2000	4359	4484
	2001-5000	4509	4634
	5001-10 000	4759	4884
	10 001-20 000	5259	5384
	20 001-30 000	5759	5884
	30 001-40 000	6259	6384
	40 001-50 000	6759	6884
	50 001-60 000	7259	7384
	60 001-70 000	7759	7884
	70 001+	8259	8384
NO_OF_FTR_XLA_BLKs			
	0-2000	2475	2600
	2001-5000	2625	2750
	5001-10 000	2875	3000
	10 001-20 000	3375	3500
	20 001-30 000	3875	4000



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 9 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	30 001-40 000	4375	4500
	40 001-50 000	4875	5000
	50 001-60 000	5375	5500
	60 001-70 000	5875	6000
	70 001+	6375	6500
NO_OF_HIS_CONTROL_BLKs			
	0-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-20 000	40 000	40 000
	20 001-30 000	60 000	60 000
	30 001-40 000	80 000	80 000
	40 001-50 000	100 000	100 000
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKs - X1			
	0-2000	7700	8200
	2001-5000	14 000	14 500
	5001-10 000	24 500	25 000
	10 001-20 000	45 500	46 000
	20 001-30 000	66 500	67 000
	30 001-40 000	87 500	88 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 10 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	40 001-50 000	108 500	109 000
	50 001-60 000	129 500	130 000
	60 001-70 000	150 500	151 000
	70 001+	171 500	172 000
NO_OF_HIS_DATA_BLKs - X2			
	0-2000	3775	3150
	2001-5000	8125	8250
	5001-10 000	15 375	15 500
	10 001-20 000	29 875	30 000
	20 001-30 000	44 375	44 500
	30 001-40 000	58 875	59 000
	40 001-50 000	73 375	73 500
	50 001-60 000	87 875	88 000
	60 001-70 000	102 375	102 500
	70 001+	116 875	117 000
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	1475	1600
	2001-5000	2375	2500
	5001-10 000	3875	4000
	10 001-20 000	6875	7000
	20 001-30 000	9875	10 000
	30 001-40 000	12 875	13 000
	40 001-50 000	15 875	16 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 11 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	50 001-60 000	18 875	19 000
	60 001-70 000	21 875	22 000
	70 001+	24 875	25 000
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	3159	3284
	2001-5000	3309	3434
	5001-10 000	3559	3684
	10 001-20 000	4059	4184
	20 001-30 000	4559	4684
	30 001-40 000	5059	5184
	40 001-50 000	5559	5684
	50 001-60 000	6059	6184
	60 001-70 000	6559	6684
	70 001+	7059	7184
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		22 488	25 500
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		175	200
NO_OF_SDS_EXT_BLKs		875	1000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 12 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
NO_OF_XLARGE_EXT_BLKs	0-2000	549	555
	2001-5000	556	563
	5001-10 000	569	575
	10 001-20 000	594	600
	20 001-30 000	619	625
	30 001-40 000	644	650
	40 001-50 000	669	675
	50 001-60 000	694	700
	60 001-70 000	719	725
	70 001+	744	750
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRLs		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS	0-2000	160	160
	2001-5000	400	400
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001-40 000	3200	3200

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parm values for table OFCENG line sizes 60 001-80 000 (Sheet 13 of 13)**

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		16 000	18 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 80 001-100 000**

The table OFCENG parameter names and the preset values for line sizes 80 001-100 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

**Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 1 of 13)**

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs	0-2000	1225	1350

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 2 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	2001-5000	1375	1500
	5001-10 000	1625	1750
	10 001-20 000	2125	2250
	20 001-30 000	2625	2750
	30 001-40 000	3125	3250
	40 001-50 000	3625	3750
	50 001-60 000	4125	4250
	60 001-70 000	4625	4750
	70 001+	5125	5250
AIN_NUM_01_00_EXT_BLKs			
	0-2000	613	675
	2001-5000	688	750
	5001-10 000	813	875
	10 001-20 000	1063	1125
	20 001-30 000	1313	1375
	30 001-40 000	1563	1625
	40 001-50 000	1813	1875
	50 001-60 000	2063	2125
	60 001-70 000	2313	2375
	70 001+	2563	2625
AIN_NUM_EXT_BLKs			
	0-2000	1225	1350
	2001-5000	1375	1500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 3 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	5001-10 000	1625	1750
	10 001-20 000	2125	2250
	20 001-30 000	2625	2750
	30 001-40 000	3125	3250
	40 001-50 000	3625	3750
	50 001-60 000	4125	4250
	60 001-70 000	4625	4750
	70 001+	5125	5250
AIN_NUM_PROCESSING_EXT_BLKs			
	0-2000	1225	1350
	2001-5000	1375	1500
	5001-10 000	1625	1750
	10 001-20 000	2125	2250
	20 001-30 000	2625	2750
	30 001-40 000	3125	3250
	40 001-50 000	3625	3750
	50 001-60 000	4125	4250
	60 001-70 000	4625	4750
	70 001+	5125	5250
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0-2000	2450	2700
	2001-5000	2750	3000
	5001-10 000	3250	3500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 4 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	10 001-20 000	4250	4500
	20 001-30 000	5250	5500
	30 001-40 000	6250	6500
	40 001-50 000	7250	7500
	50 001-60 000	8250	8500
	60 001-70 000	9250	9500
	70 001+	10 250	10 500
CFD_EXT_BLOCKS		15 750	17 500
CFW_EXT_BLOCKS		18 000	20 000
CFZ_EXT_BLOCKS		10 800	12 000
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0-2000	26 236	28 130
	2001-5000	27 886	29 780
	5001-10 000	30 636	32 530
	10 001-20 000	36 136	38 030
	20 001-30 000	41 636	43 530
	30 001-40 000	47 136	49 030
	40 001-50 000	52 636	54 530
	50 001-60 000	58 136	60 030
	60 001-70 000	63 636	65 530
	70 001+	69 136	71 030
CRS_PRU_POOL3_SIZE		6750	7500



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 5 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
CRS_SUBRU_POOL1_SIZE			
	0-2000	13 800	15 300
	2001-5000	14 250	15 750
	5001-10 000	15 000	16 500
	10 001-20 000	16 500	18 000
	20 001-30 000	18 000	19 500
	30 001-40 000	19 500	21 000
	40 001-50 000	21 000	22 500
	50 001-60 000	22 500	24 000
	60 001-70 000	24 000	25 500
	70 001+	25 500	27 000
CRS_SUBRU_POOL2_SIZE			
	0-2000	17 885	19 710
	2001-5000	18 575	20 400
	5001-10 000	19 725	21 550
	10 001-20 000	22 025	23 850
	20 001-30 000	24 325	26 150
	30 001-40 000	26 625	28 450
	40 001-50 000	28 925	30 750
	50 001-60 000	31 225	33 050
	60 001-70 000	33 525	35 350
	70 001+	35 825	37 650
CRS_SUBRU_POOL3_SIZE			

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 6 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	0-2000	9650	10 400
	2001-5000	9950	10 700
	5001-10 000	10 450	11 200
	10 001-20 000	11 450	12 200
	20 001-30 000	12 450	13 200
	30 001-40 000	13 450	14 200
	40 001-50 000	14 450	15 200
	50 001-60 000	15 450	16 200
	60 001-70 000	16 450	17 200
	70 001+	17 450	18 200
CRS_SUBRU_POOL4_SIZE			
	0-2000	8600	8600
	2001-5000	9500	9500
	5001-10 000	11 000	11 000
	10 001-20 000	14 000	14 000
	20 001-30 000	17 000	17 000
	30 001-40 000	20 000	20 000
	40 001-50 000	23 000	23 000
	50 001-60 000	26 000	26 000
	60 001-70 000	29 000	29 000
	70 001+	32 000	32 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 7 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
E911_NUMBER_OF_FDDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		225	250
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-2000	21 360	23 280
	2001-5000	23 280	24 240
	5001-10 000	25 200	27 120
	10 001-20 000	30 960	31 920
	20 001-30 000	34 800	34 800
	30 001-40 000	34 800	34 800
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800
	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0-2000	34 800	34 800
	2001-5000	34 800	34 800
	5001-10 000	34 800	34 800

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 8 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	10 001-20 000	34 800	34 800
	20 001-30 000	49 200	49 200
	30 001-40 000	49 200	49 200
	40 001-50 000	49 200	49 200
	50 001-60 000	63 600	63 600
	60 001-70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0-2000	4609	4734
	2001-5000	4759	4884
	5001-10 000	5009	5134
	10 001-20 000	5509	5634
	20 001-30 000	6009	6134
	30 001-40 000	6509	6634
	40 001-50 000	7009	7134
	50 001-60 000	7509	7634
	60 001-70 000	8009	8134
	70 001+	8509	8634
NO_OF_FTR_XLA_BLKs			
	0-2000	2725	2850

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 9 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	2001-5000	2875	3000
	5001-10 000	3125	3250
	10 001-20 000	3625	3750
	20 001-30 000	4125	4250
	30 001-40 000	4625	4750
	40 001-50 000	5125	5250
	50 001-60 000	5625	5750
	60 001-70 000	6125	6250
	70 001+	6625	6750
NO_OF_HIS_CONTROL_BLKS			
	0-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-20 000	40 000	40 000
	20 001-30 000	60 000	60 000
	30 001-40 000	80 000	80 000
	40 001-50 000	100 000	100 000
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0-2000	8700	9200
	2001-5000	15 000	15 500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 10 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	5001-10 000	25 500	26 000
	10 001-20 000	46 500	47 000
	20 001-30 000	67 500	68 000
	30 001-40 000	88 500	89 000
	40 001-50 000	109 500	110 000
	50 001-60 000	130 500	131 000
	60 001-70 000	151 500	152 000
	70 001+	172 500	173 000
NO_OF_HIS_DATA_BLKs - X2			
	0-2000	4025	4150
	2001-5000	8375	8500
	5001-10 000	15 625	15 750
	10 001-20 000	30 125	30 250
	20 001-30 000	44 625	44 750
	30 001-40 000	59 125	59 250
	40 001-50 000	73 625	73 750
	50 001-60 000	88 125	88 250
	60 001-70 000	102 625	102 750
	70 001+	117 125	117 250
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	1725	1850
	2001-5000	2625	2750
	5001-10 000	4125	4250

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 11 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	10 001-20 000	7125	7250
	20 001-30 000	10 125	10 250
	30 001-40 000	13 125	13 250
	40 001-50 000	16 125	16 250
	50 001-60 000	19 125	19 250
	60 001-70 000	22 125	22 250
	70 001+	25 125	25 250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	3409	3534
	2001-5000	3559	3684
	5001-10 000	3809	3934
	10 001-20 000	4309	4434
	20 001-30 000	4809	4934
	30 001-40 000	5309	5434
	40 001-50 000	5809	5934
	50 001-60 000	6309	6434
	60 001-70 000	6809	6934
	70 001+	7309	7434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		28 513	31 525
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 12 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
NO_OF_SC_EXT_BLKs		225	250
NO_OF_SDS_EXT_BLKs		1125	1250
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0-2000	561	568
	2001-5000	569	575
	5001-10 000	581	588
	10 001-20 000	606	613
	20 001-30 000	631	638
	30 001-40 000	656	663
	40 001-50 000	681	688
	50 001-60 000	706	713
	60 001-70 000	731	738
	70 001+	756	763
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRLs		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0-2000	160	160
	2001-5000	400	400



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 80 001-100 000 (Sheet 13 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001-40 000	3200	3200
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		20 000	22 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 100 001-140 000

The table OFCENG parameter names and the preset values for line sizes 100 001-140 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

#### Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 1 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs			
	0-2000	1600	1850
	2001-5000	1750	2000
	5001-10 000	2000	2250
	10 001-20 000	2500	2750
	20 001-30 000	3000	3250
	30 001-40 000	3500	3750
	40 001-50 000	4000	4250
	50 001-60 000	4500	4750
	60 001-70 000	5000	5250
	70 001+	5500	5750
AIN_NUM_01_00_EXT_BLKs			
	0-2000	800	925
	2001-5000	875	1000
	5001-10 000	1000	1125
	10 001-20 000	1250	1375
	20 001-30 000	1500	1625
	30 001-40 000	1750	1875
	40 001-50 000	2000	2125

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 2 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
AIN_NUM_EXT_BLKs	50 001-60 000	2250	2375
	60 001-70 000	2500	2625
	70 001+	2750	2875
AIN_NUM_PROCESSING_EXT_BLKs	0-2000	1600	1850
	2001-5000	1750	2000
	5001-10 000	2000	2250
	10 001-20 000	2500	2750
	20 001-30 000	3000	3250
	30 001-40 000	3500	3750
	40 001-50 000	4000	4250
	50 001-60 000	4500	4750
	60 001-70 000	5000	5250
	70 001+	5500	5750
AIN_NUM_PROCESSING_EXT_BLKs	0-2000	1600	1850
	2001-5000	1750	2000
	5001-10 000	2000	2250
	10 001-20 000	2500	2750
	20 001-30 000	3000	3250
	30 001-40 000	3500	3750
	40 001-50 000	4000	4250
50 001-60 000	4500	4750	

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG (continued)**

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 3 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	60 001-70 000	5000	5250
	70 001+	5500	5750
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0-2000	3200	3700
	2001-5000	3500	4000
	5001-10 000	4000	4500
	10 001-20 000	5000	5500
	20 001-30 000	6000	6500
	30 001-40 000	7000	7500
	40 001-50 000	8000	8500
	50 001-60 000	9000	9500
	60 001-70 000	10 000	10 500
	70 001+	11 000	11 500
CFD_EXT_BLOCKS		21 000	24 500
CFW_EXT_BLOCKS		24 000	28 000
CFZ_EXT_BLOCKS		14 400	16 800
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0-2000	31 918	35 706
	2001-5000	33 568	37 356
	5001-10 000	36 318	40 106
	10 001-20 000	41 818	45 606
	20 001-30 000	47 318	51 106

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 4 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	30 001-40 000	52 818	57 606
	40 001-50 000	58 318	62 106
	50 001-60 000	63 818	67 606
	60 001-70 000	69 318	73 106
	70 001+	74 818	78 606
CRS_PRU_POOL3_SIZE		9000	10 500
CRS_SUBRU_POOL1_SIZE			
	0-2000	18 300	21 300
	2001-5000	18 750	21 750
	5001-10 000	19 500	22 500
	10 001-20 000	21 000	24 000
	20 001-30 000	22 500	25 500
	30 001-40 000	24 000	27 000
	40 001-50 000	25 500	28 500
	50 001-60 000	27 000	30 000
	60 001-70 000	28 500	31 500
	70 001+	30 000	33 000
CRS_SUBRU_POOL2_SIZE			
	0-2000	23 360	27 010
	2001-5000	24 050	27 700
	5001-10 000	25 200	28 850
	10 001-20 000	27 200	31 150
	20 001-30 000	29 800	33 450

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 5 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	30 001-40 000	32 100	35 750
	40 001-50 000	34 400	38 050
	50 001-60 000	36 700	40 350
	60 001-70 000	39 000	42 650
	70 001+	41 300	44 950
CRS_SUBRU_POOL3_SIZE			
	0-2000	11 900	13 400
	2001-5000	12 200	13 700
	5001-10 000	12 700	14 200
	10 001-20 000	13 700	15 200
	20 001-30 000	14 700	16 200
	30 001-40 000	15 700	17 200
	40 001-50 000	16 700	18 200
	50 001-60 000	17 700	19 200
	60 001-70 000	18 700	20 200
	70 001+	19 700	21 200
CRS_SUBRU_POOL4_SIZE			
	0-2000	8600	8600
	2001-5000	9500	9500
	5001-10 000	11 000	11 000
	10 001-20 000	14 000	14 000
	20 001-30 000	17 000	17 000
	30 001-40 000	20 000	20 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 6 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	40 001-50 000	23 000	23 000
	50 001-60 000	26 000	26 000
	60 001-70 000	29 000	29 000
	70 001+	32 000	32 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		300	350
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0-2000	25 200	28 080
	2001-5000	27 120	30 000
	5001-10 000	30 000	32 880
	10 001-20 000	34 800	34 800
	20 001-30 000	34 800	34 800
	30 001-40 000	34 800	34 800
	40 001-50 000	34 800	34 800
	50 001-60 000	34 800	34 800

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 7 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
NCCBS (ENET)	60 001-70 000	34 800	34 800
	70 001+	34 800	34 800
	0-2000	34 800	34 800
	2001-5000	34 800	34 800
	5001-10 000	34 800	34 800
	10 001-20 000	34 800	49 200
	20 001-30 000	49 200	49 200
	30 001-40 000	49 200	49 200
	40 001-50 000	49 200	63 600
	50 001-60 000	63 600	63 600
	60 001-70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0-2000	4984	5234
	2001-5000	5134	5384
	5001-10 000	5384	5634
	10 001-20 000	5884	6134
	20 001-30 000	6384	6634
	30 001-40 000	6884	7134



**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 8 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	40 001-50 000	7384	7634
	50 001-60 000	7884	8134
	60 001-70 000	8384	8634
	70 001+	8884	9134
NO_OF_FTR_XLA_BLKs	0-2000	3100	3350
	2001-5000	3250	3500
	5001-10 000	3500	3750
	10 001-20 000	4000	4250
	20 001-30 000	4500	4750
	30 001-40 000	5000	5250
	40 001-50 000	5500	5750
	50 001-60 000	6000	6250
	60 001-70 000	6500	6750
	70 001+	7000	7250
NO_OF_HIS_CONTROL_BLKs	0-2000	4000	4000
	2001-5000	10 000	10 000
	5001-10 000	20 000	20 000
	10 001-20 000	40 000	40 000
	20 001-30 000	60 000	60 000
	30 001-40 000	80 000	80 000
	40 001-50 000	100 000	100 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 9 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	50 001-60 000	120 000	120 000
	60 001-70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0-2000	10 200	11 200
	2001-5000	16 500	17 500
	5001-10 000	27 000	28 000
	10 001-20 000	48 000	49 000
	20 001-30 000	69 000	70 000
	30 001-40 000	90 000	91 000
	40 001-50 000	111 000	112 000
	50 001-60 000	132 000	133 000
	60 001-70 000	153 000	154 000
	70 001+	174 000	175 000
NO_OF_HIS_DATA_BLKS - X2			
	0-2000	4400	4650
	2001-5000	8750	9000
	5001-10 000	16 000	16 250
	10 001-20 000	30 500	30 750
	20 001-30 000	45 000	45 250
	30 001-40 000	59 500	59 750
	40 001-50 000	74 000	74 250
	50 001-60 000	88 500	88 750

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 10 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	60 001-70 000	103 000	103 250
	70 001+	117 500	117 750
NO_OF_HIS_DATA_BLKs - X3			
	0-2000	2100	2350
	2001-5000	3000	3250
	5001-10 000	4500	4750
	10 001-20 000	7500	7750
	20 001-30 000	10 500	10 750
	30 001-40 000	13 500	13 750
	40 001-50 000	16 500	16 750
	50 001-60 000	19 250	19 750
	60 001-70 000	22 500	22 750
	70 001+	25 500	25 750
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0-2000	3784	4034
	2001-5000	3934	4184
	5001-10 000	4184	4434
	10 001-20 000	4684	4934
	20 001-30 000	5184	5434
	30 001-40 000	5684	5934
	40 001-50 000	6184	6434
	50 001-60 000	6684	6934

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 11 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
	60 001-70 000	7184	7434
	70 001+	7684	7934
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767	32 767
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		300	350
NO_OF_SDS_EXT_BLKs		1500	1750
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0-2000	580	593
	2001-5000	588	600
	5001-10 000	600	613
	10 001-20 000	625	638
	20 001-30 000	650	663
	30 001-40 000	675	688
	40 001-50 000	700	713
	50 001-60 000	725	738
	60 001-70 000	750	763
	70 001+	775	788
NO_TFAN_OM_REGISTERS		2 047	2047
NOS_QUANTITY_OF_SVCS		15	15

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 12 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1 000	1000
NUM_OF_NSC_EXT_BLK		2 000	2 000
NUM_OF_RTEB_EXTBLKS			
	0-2000	160	160
	2001-5000	400	400
	5001-10 000	800	800
	10 001-20 000	1600	1600
	20 001-30 000	2400	2400
	30 001-40 000	3200	3200
	40 001-50 000	4000	4000
	50 001-60 000	4800	4800
	60 001-70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		26 000	30 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

### Preset office parm values for table OFCENG line sizes 100 001-140 000 (Sheet 13 of 13)

Parameter name	Trunk size	100 001-120 000	120 001-140 000
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

### Line sizes 140 001-160 000

The table OFCENG parameter names and the preset values for line sizes 140 001-160 000 appear in the following table. The OFCENG parameter names appear according to trunk size.

### Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 1 of 13)

Parameter name	Trunk size	140 001-160 000
ACD_OVERFLOW_BLOCKS		4094
AIN_NUM_00_PARA_EXT_BLKs		
	0-2000	2100
	2001-5000	2250
	5001-10 000	2500
	10 001-20 000	3000
	20 001-30 000	3500
	30 001-40 000	4000
	40 001-50 000	4500
	50 001-60 000	5000
	60 001-70 000	5500
	70 001+	6000
AIN_NUM_01_00_EXT_BLKs		
	0-2000	1050
	2001-5000	1125

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 2 of 13)

Parameter name	Trunk size	140 001-160 000
	5001-10 000	1250
	10 001-20 000	1500
	20 001-30 000	1750
	30 001-40 000	2000
	40 001-50 000	2250
	50 001-60 000	2500
	60 001-70 000	2750
	70 001+	3000
AIN_NUM_EXT_BLKs		
	0-2000	2100
	2001-5000	2250
	5001-10 000	2500
	10 001-20 000	3000
	20 001-30 000	3500
	30 001-40 000	4000
	40 001-50 000	4500
	50 001-60 000	5000
	60 001-70 000	5500
	70 001+	6000
AIN_NUM_PROCESSING_EXT_BLKs		
	0-2000	2100
	2001-5000	2250
	5001-10 000	2500

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 3 of 13)

Parameter name	Trunk size	140 001-160 000
	10 001-20 000	3000
	20 001-30 000	3500
	30 001-40 000	4000
	40 001-50 000	4500
	50 001-60 000	5000
	60 001-70 000	5500
	70 001+	6000
AIN_NUM_TERM_NOTIF_EXT_BLKs		
	0-2000	4200
	2001-5000	4500
	5001-10 000	5000
	10 001-20 000	6000
	20 001-30 000	7000
	30 001-40 000	8000
	40 001-50 000	9000
	50 001-60 000	10 000
	60 001-70 000	11 000
	70 001+	12 000
CFD_EXT_BLOCKS		28 000
CFW_EXT_BLOCKS		32 000
CFZ_EXT_BLOCKS		19 200
CRS_PRU_POOL1_SIZE		2000
CRS_PRU_POOL2_SIZE		



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 4 of 13)

Parameter name	Trunk size	140 001-160 000
	0-2000	39 494
	2001-5000	41 144
	5001-10 000	43 894
	10 001-20 000	49 394
	20 001-30 000	54 894
	30 001-40 000	60 394
	40 001-50 000	65 894
	50 001-60 000	71 394
	60 001-70 000	76 894
	70 001+	82 394
CRS_PRU_POOL3_SIZE		12 000
CRS_SUBRU_POOL1_SIZE		
	0-2000	24 300
	2001-5000	24 750
	5001-10 000	25 500
	10 001-20 000	27 000
	20 001-30 000	28 500
	30 001-40 000	30 000
	40 001-50 000	31 500
	50 001-60 000	33 000
	60 001-70 000	34 500
	70 001+	36 000
CRS_SUBRU_POOL2_SIZE		

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 5 of 13)

Parameter name	Trunk size	140 001-160 000
	0-2000	30 660
	2001-5000	31 350
	5001-10 000	32 500
	10 001-20 000	34 800
	20 001-30 000	37 100
	30 001-40 000	39 400
	40 001-50 000	41 700
	50 001-60 000	44 000
	60 001-70 000	46 300
	70 001+	48 600
CRS_SUBRU_POOL3_SIZE		
	0-2000	14 900
	2001-5000	15 200
	5001-10 000	15 700
	10 001-20 000	16 700
	20 001-30 000	17 700
	30 001-40 000	18 700
	40 001-50 000	19 700
	50 001-60 000	20 700
	60 001-70 000	21 700
	70 001+	22 700
CRS_SUBRU_POOL4_SIZE		
	0-2000	8600

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 6 of 13)

Parameter name	Trunk size	140 001-160 000
	2001-5000	9500
	5001-10 000	11 000
	10 001-20 000	14 000
	20 001-30 000	17 000
	30 001-40 000	20 000
	40 001-50 000	23 000
	50 001-60 000	26 000
	60 001-70 000	29 000
	70 001+	32 000
CUSTOMER_GROUP_IBNGRP_OM_COUNT		4095
EA_MF_SS7_EXT_BLOCK_COUNT		800
E911_NUMBER_OF_FDBS		1000
KSHUNT_EXT_BLOCKS		500
MAX_NO_OF_TRANS_ID		16 000
MAX_NUM_WIDEBAND_CALLS		400
MAX_SDPOOL_NO		15
MAXNUCS (JNET)		1024
MAXNUCS (ENET)		0
MAXSTS		64
NCCBS (JNET)		
	0-2000	30 960
	2001-5000	32 880
	5001-10 000	34 800

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 7 of 13)

Parameter name	Trunk size	140 001-160 000
	10 001-20 000	34 800
	20 001-30 000	34 800
	30 001-40 000	34 800
	40 001-50 000	34 800
	50 001-60 000	34 800
	60 001-70 000	34 800
	70 001+	34 800
NCCBS (ENET)		
	0-2000	34 800
	2001-5000	34 800
	5001-10 000	34 800
	10 001-20 000	49 200
	20 001-30 000	49 200
	30 001-40 000	63 600
	40 001-50 000	63 600
	50 001-60 000	63 600
	60 001-70 000	63 600
	70 001+	63 600
NO_LOCAL_COIN_EXT_BLKs		256
NO_OCCTS_OM_REGISTERS		2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000
NO_OF_FTR_CONTROL_BLKs		
	0-2000	5484

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 8 of 13)

Parameter name	Trunk size	140 001-160 000
	2001-5000	5634
	5001-10 000	5884
	10 001-20 000	6384
	20 001-30 000	6884
	30 001-40 000	7384
	40 001-50 000	7884
	50 001-60 000	8384
	60 001-70 000	8884
	70 001+	9384
NO_OF_FTR_XLA_BLKs		
	0-2000	3600
	2001-5000	3750
	5001-10 000	4000
	10 001-20 000	4500
	20 001-30 000	5000
	30 001-40 000	5500
	40 001-50 000	6000
	50 001-60 000	6500
	60 001-70 000	7000
	70 001+	7500
NO_OF_HIS_CONTROL_BLKs		
	0-2000	4000
	2001-5000	10 000

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 9 of 13)

Parameter name	Trunk size	140 001-160 000
	5001-10 000	20 000
	10 001-20 000	40 000
	20 001-30 000	60 000
	30 001-40 000	80 000
	40 001-50 000	100 000
	50 001-60 000	120 000
	60 001-70 000	140 000
	70 001+	160 000
NO_OF_HIS_DATA_BLKs - X1		
	0-2000	12 200
	2001-5000	18 500
	5001-10 000	29 000
	10 001-20 000	50 000
	20 001-30 000	71 000
	30 001-40 000	92 000
	40 001-50 000	113 000
	50 001-60 000	134 000
	60 001-70 000	155 000
	70 001+	176 000
NO_OF_HIS_DATA_BLKs - X2		
	0-2000	4900
	2001-5000	9250
	5001-10 000	16 500

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 10 of 13)

Parameter name	Trunk size	140 001-160 000
	10 001-20 000	31 000
	20 001-30 000	45 500
	30 001-40 000	60 000
	40 001-50 000	74 500
	50 001-60 000	87 000
	60 001-70 000	103 500
	70 001+	118 000
NO_OF_HIS_DATA_BLKs - X3		
	0-2000	2600
	2001-5000	3500
	5001-10 000	5000
	10 001-20 000	8000
	20 001-30 000	11 000
	30 001-40 000	14 000
	40 001-50 000	17 000
	50 001-60 000	20 000
	60 001-70 000	23 000
	70 001+	26 000
NO_OF_LARGE_EXT_BLKs		1000
NO_OF_LARGE_FTR_DATA_BLKs		
	0-2000	4284
	2001-5000	4434
	5001-10 000	4684

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 11 of 13)

Parameter name	Trunk size	140 001-160 000
	10 001-20 000	5184
	20 001-30 000	5684
	30 001-40 000	6184
	40 001-50 000	6684
	50 001-60 000	7684
	60 001-70 000	8184
	70 001+	800
NO_OF_MEDIUM_EXT_BLKs		1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767
NO_OF_PVN_EXTBLK		2700
NO_OF_PVN_TERM_EXTBLK		1200
NO_OF_SC_EXT_BLKs		400
NO_OF_SDS_EXT_BLKs		2000
NO_OF_SMALL_EXT_BLKs		1000
NO_OF_SMALL_FTR_DATA_BLKs		1200
NO_OF_XLARGE_EXT_BLKs		
	0-2000	605
	2001-5000	613
	5001-10 000	625
	10 001-20 000	650
	20 001-30 000	675
	30 001-40 000	700
	40 001-50 000	725



## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 12 of 13)

Parameter name	Trunk size	140 001-160 000
	50 001-60 000	750
	60 001-70 000	775
	70 001+	800
NO_TFAN_OM_REGISTERS		2047
NOS_QUANTITY_OF_SVCS		15
NUM_ENGR_NWM_TRKGRP_CTRL		255
NUM_IBN_IXLA_EXT_BLOCKS		1000
NUM_OF_NSC_EXT_BLK		2000
NUM_OF_RTEB_EXTBLKS		
	0-2000	160
	2001-5000	400
	5001-10 000	800
	10 001-20 000	1600
	20 001-30 000	2400
	30 001-40 000	3200
	40 001-50 000	4000
	50 001-60 000	4800
	60 001-70 000	5000
	70 001+	5000
NUM_RC_EXT_BLK		1000
NUMCALLPROCESSES		80
NUMCPWAKE		32 767
NUMIBNCQEXTBLK		3825

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**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCENG (end)**

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**Preset office parm values for table OFCENG line sizes 140 001-160 000 (Sheet 13 of 13)**

<b>Parameter name</b>	<b>Trunk size</b>	<b>140 001-160 000</b>
NUMOHCQBQTRANSBLKS		1169
NUMPERMEXT		7000
OCCTS_ENHANCED_FEATURE		Y
PSTN_GT_SIZE		10
SLE_ITEMS_IN_SEGMENT		1024
SLE_MAX_SEGMENT_COUNT		2047

## DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines

### Table OFCOPT

#### Line sizes 1-160 000

The following table lists the table OFCOPT parameter names and the preset values for line sizes 1-160 000.

#### Preset office parameter values for table OFCOPT line sizes 1-160 000 (Sheet 1 of 2)

Parameter name	1- 160 000 lines
ENET_MAX_CHANNEL_GROUP	3840
MAX_ACDMIS_SESSIONS	5
MAX_MBG_LINES	1000
MAX_NUM_CTX_ASSOC	32 767
MAX_NUM_ECM_ACDEVENT	32 767
MAX_NUM_ECM_CALLINIT	32 767
MAX_NUM_ECM_CTXEVENT	32 767
MAX_NUM_ECM_DNQUERY	32 767
MAX_NUM_ECM_ICCM	32 767
MAX_NUM_ECM_LINE_MAKECALL	32 767
MAX_NUM_ECM_LINE_SCAICC	32 767
MAX_NUM_ECM_LINE_SCAI3WC	32 767
MAX_NUM_ECM_LINE_SCAIMWT	32 767
MAX_NUM_ECM_RESEVENT	32 767
MAX_NUM_ECM_RESOURCE	32 767
MAX_NUM_ECM_ROUTING	32 767
MAX_NUM_ECM_SCAICC	32 767
MAX_NUM_ECM_SCAI3WC	32 767
MAX_NUM_ECM_SCAIMWTI	32 767
MAX_NUM_ECM_SVC	32 767
MAX_NUM_ECM_TPAC	32 767

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**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**  
**Table OFCOPT (end)**

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**Preset office parameter values for table OFCOPT line sizes 1-160 000 (Sheet 2 of 2)**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
MAX_NUM_ECM_TPCC	32 767
MAX_NUM_ECM_TPQC	32 767
MAX_NUM_RES_ASSOC	32 767
NA_TOLL_FREE_TYPE	US_SERVICE
TFAN_ENHANCED_FEATURE	Y

## **DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines**

### **Table OFCSTD**

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#### **Line sizes 1-160 000**

The following table lists the table OFCSTD parameter names and preset values for line sizes 1-160 000. The table lists the parameter name according to trunk size, if the parameter has a trunk size.

#### **Preset office parameter values for table OFCSTD line sizes 1-160 000**

<b>Parameter name</b>	<b>1-160 000 lines</b>
MTCBASE_SCPD	2047

**DMS-100/200 local/toll switch with 0-35% MDC and ISDN lines  
Table OFCVAR**

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**Line sizes 1-160 000**

The following table lists the table OFCVAR parameter names and the preset values for line sizes 1-160 000.

**Preset office parameter values for table OFCVAR line sizes 1-160 000**

<b>Parameter name</b>	<b>1-160 000 lines</b>
PER_OPC_LOGDEV_BUFFER_SIZE	22 000

## **DMS-100 local/toll switch with 0-35% MDC and ISDN lines**

### **Table DATASIZE**

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#### **Line sizes 1-160 000**

The Table DATASIZE office parameter lists the following names and preset values for line sizes 1-160 000.

#### **Preset office parameter values for Table DATASIZE line sizes 1-160 000**

<b>Parameter name</b>	<b>1-160 000 lines</b>
AIODGRP	255
AIODMEM	255
CLLI	2 048
CPOS	64
NWMAOCR	64
NWMPPLN	256
TRKGRP	2 048

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## 6 DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines—U.S. only

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### Organization

This chapter applies to DMS-100/200 local/toll switches. In the DMS-100/200 local/toll switches, 36 to 100% of the total lines are Meridian Digital Centrex (MDC) and integrated services digital network (ISDN) lines.

This chapter is organized in modules. A module is present for each of the following office parameter tables that have preset values:

- table OFCENG
- table OFCOPT
- table OFCSTD
- table OFCVAR
- table DATASIZE

Each office parameter module includes five tables grouped according to the number of lines.



**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG**

**Line sizes 1-20 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 1-20 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 1 of 13)**

<b>Parameter name</b>	<b>Trunk size</b>	<b>1-10 000 lines</b>	<b>10 001- 20 000 lines</b>
ACD_OVERFLOW_BLOCKS		3 000	3000
AIN_NUM_01_00_EXT_BLKs			
AIN_NUM_00_PARA_EXT_BLKs			
	0 - 2000	475	850
	2001 - 5000	625	1000
	5001 - 10 000	875	1250
	10 001 - 20 000	1375	1750
	20 001 - 30 000	1875	2250
	30 001 - 40 000	2375	2750
	40 001 - 50 000	2875	3250
	50 001 - 60 000	3375	3750
	60 001 - 70 000	3875	4250
	70 001+	4375	4750
AIN_NUM_01_00_EXT_BLKs			
	0 - 2000	238	425
	2001 - 5000	313	500
	5001 - 10 000	438	625
	10 001 - 20 000	688	875
	20 001 - 30 000	938	1125
	30 001 - 40 000	1188	1375

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 2 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
AIN_NUM_EXT_BLKs	40 001 - 50 000	1438	1625
	50 001 - 60 000	1688	1875
	60 001 - 70 000	1938	2125
	70 001+	2188	2375
AIN_NUM_PROCESSING_EXT_BLKs	0 - 2000	475	850
	2001 - 5000	625	1000
	5001 - 10 000	875	1250
	10 001 - 20 000	1375	1750
	20 001 - 30 000	1875	2250
	30 001 - 40 000	2375	2750
	40 001 - 50 000	2875	3250
	50 001 - 60 000	3375	3750
	60 001 - 70 000	3875	4250
	70 001+	4375	4750
AIN_NUM_PROCESSING_EXT_BLKs	0 - 2000	475	850
	2001 - 5000	625	1000
	5001 - 10 000	875	1250
	10 001 - 20 000	1375	1750
	20 001 - 30 000	1875	2250
	30 001 - 40 000	2375	2750
	40 001 - 50 000	2875	3250

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 3 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	50 001 - 60 000	3375	3750
	60 001 - 70 000	3875	4250
	70 001+	4375	4750
AIN_NUM_TERM_NOTIF_EXT_BLKS			
	0 - 2000	950	1700
	2001 - 5000	1250	2000
	5001 - 10 000	1750	2500
	10 001 - 20 000	2750	3500
	20 001 - 30 000	3750	4500
	30 001 - 40 000	4750	5500
	40 001 - 50 000	5750	6500
	50 001 - 60 000	6750	7500
	60 001 - 70 000	7750	8500
	70 001+	8750	9500
CFD_EXT_BLOCKS		5250	10 500
CFW_EXT_BLOCKS		2000	4000
CFZ_EXT_BLOCKS		1200	2400
CRS_PRU_POOL1_SIZE		1000	1000
CRS_PRU_POOL2_SIZE			
	0 - 2000	12 584	15 978
	2001 - 5000	14 234	17 628
	5001 - 10 000	16 984	20 378
	10 001 - 20 000	22 484	25 878

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 4 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	20 001 - 30 000	27 984	31 378
	30 001 - 40 000	33 484	36 878
	40 001 - 50 000	38 984	42 378
	50 001 - 60 000	44 484	47 878
	60 001 - 70 000	49 484	53 878
	70 001+	55 484	58 878
CRS_PRU_POOL3_SIZE		2250	4500
CRS_SUBRU_POOL1_SIZE			
	0 - 2000	4800	9300
	2001 - 5000	5250	9750
	5001 - 10 000	6000	10 500
	10 001 - 20 000	7500	12 000
	20 001 - 30 000	9000	13 500
	30 001 - 40 000	10 500	15 000
	40 001 - 50 000	12 000	16 500
	50 001 - 60 000	13 500	18 000
	60 001 - 70 000	15 000	19 500
	70 001+	16 500	21 000
CRS_SUBRU_POOL2_SIZE			
	0 - 2000	5335	9210
	2001 - 5000	6025	9900
	5001 - 10 000	7175	11 050
	10 001 - 20 000	9475	13 350

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 5 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	20 001 - 30 000	11 775	15 650
	30 001 - 40 000	14 075	17 950
	40 001 - 50 000	16 375	20 250
	50 001 - 60 000	18 675	22 550
	60 001 - 70 000	20 975	24 850
	70 001+	23 275	27 150
CRS_SUBRU_POOL3_SIZE			
	0 - 2000	5150	7400
	2001 - 5000	5450	7700
	5001 - 10 000	5950	8200
	10 001 - 20 000	6950	9200
	20 001 - 30 000	7950	10 200
	30 001 - 40 000	8950	11 200
	40 001 - 50 000	9950	12 200
	50 001 - 60 000	10 950	13 200
	60 001 - 70 000	11 950	14 200
	70 001+	12 950	15 200
CRS_SUBRU_POOL4_SIZE			
	0 - 2000	7600	7600
	2001 - 5000	8500	8500
	5001 - 10 000	10 000	10 000
	10 001 - 20 000	13 000	13 000
	20 001 - 30 000	16 000	16 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 6 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	30 001 - 40 000	19 000	19 000
	40 001 - 50 000	22 000	22 000
	50 001 - 60 000	25 000	25 000
	60 001 - 70 000	28 000	28 000
	70 001+	31 000	31 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		75	150
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	32
NCCBS (JNET)			
	0 - 2000	10 800	11 760
	2001 - 5000	11 760	13 680
	5001 - 10 000	14 640	15 600
	10 001 - 20 000	19 440	20 400
	20 001 - 30 000	24 240	26 160
	30 001 - 40 000	29 040	30 960

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 7 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
NCCBS (ENET)	40 001 - 50 000	34 800	34 800
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
	0 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	20 400
	10 001 - 20 000	20 400	20 400
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	34 800	49 200
	50 001 - 60 000	49 200	49 200
	60 001 - 70 000	49 200	49 200
	70 001+	49 200	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0 - 2000	3859	4234
	2001 - 5000	4009	4384
	5001 - 10 000	4259	4634
	10 001 - 20 000	4759	5134

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 8 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	20 001 - 30 000	5259	5634
	30 001 - 40 000	5759	6134
	40 001 - 50 000	6259	6634
	50 001 - 60 000	6759	7134
	60 001 - 70 000	7259	7634
	70 001+	7759	8134
NO_OF_FTR_XLA_BLKs			
	0 - 2000	1975	2350
	2001 - 5000	2125	2500
	5001 - 10 000	2375	2750
	10 001 - 20 000	2875	3250
	20 001 - 30 000	3375	3750
	30 001 - 40 000	3875	4250
	40 001 - 50 000	4375	4750
	50 001 - 60 000	4875	5250
	60 001 - 70 000	5375	5750
	70 001+	5875	6250
NO_OF_HIS_CONTROL_BLKs			
	0 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 9 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	30 001 - 40 000	80 000	80 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 2000	5750	7300
	2001 - 5000	12 050	13 600
	5001 - 10 000	22 550	24 100
	10 001 - 20 000	43 550	45 100
	20 001 - 30 000	64 550	66 100
	30 001 - 40 000	85 550	87 100
	40 001 - 50 000	106 550	108 100
	50 001 - 60 000	127 550	129 100
	60 001 - 70 000	148 550	150 100
	70 001+	169 550	171 100
NO_OF_HIS_DATA_BLKs - X2			
	0 - 2000	3275	3650
	2001 - 5000	7625	8000
	5001 - 10 000	14 875	15 250
	10 001 - 20 000	29 375	29 750
	20 001 - 30 000	43 875	44 250
	30 001 - 40 000	58 375	58 750

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 10 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	40 001 - 50 000	72 875	73 250
	50 001 - 60 000	83 375	87 750
	60 001 - 70 000	101 875	102 250
	70 001+	116 375	116 750
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	975	1350
	2001 - 5000	1875	2250
	5001 - 10 000	3375	3750
	10 001 - 20 000	6375	6750
	25 001 - 30 000	9375	9750
	30 001 - 40 000	12 375	12 750
	40 001 - 50 000	15 375	15 750
	50 001 - 60 000	18 375	18 750
	60 001 - 70 000	21 375	21 750
	70 001+	24 375	24 750
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0 - 2000	2659	3034
	2001 - 5000	2809	3184
	5001 - 10 000	3059	3434
	10 001 - 20 000	3559	3934
	25 001 - 30 000	4049	4434
	30 001 - 40 000	4559	4934

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 11 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
	40 001 - 50 000	5059	5434
	50 001 - 60 000	5559	5934
	60 001 - 70 000	6059	6434
	70 001+	6559	6934
NO_OF_MEDIUM_EXT_BLKS		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKS		4438	7475
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKS		75	150
NO_OF_SDS_EXT_BLKS		125	250
NO_OF_SMALL_EXT_BLKS		1000	1000
NO_OF_SMALL_FTR_DATA_BLKS		1200	1200
NO_OF_XLARGE_EXT_BLKS			
	0 - 2000	524	543
	2001 - 5000	531	550
	5001 - 10 000	544	563
	10 001 - 20 000	569	588
	20 001 - 30 000	594	613
	30 001 - 40 000	619	638
	40 001 - 50 000	644	663
	50 001 - 60 000	669	688
	60 001 - 70 000	694	713
	70 001+	719	738

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 12 of 13)

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1 000
NUM_OF_NSC_EXT_BLK		2000	2 000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	25 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		4000	6000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parameter values for table OFCENG line sizes 1-20 000 (Sheet 13 of 13)**

Parameter name	Trunk size	1-10 000 lines	10 001- 20 000 lines
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 20 001-40 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 20 001-40 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 1 of 13)**

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
ACD_OVERFLOW_BLOCKS		3000	4094
AIN_NUM_00_PARA_EXT_BLKs			
	0 - 2000	1225	1600
	2001 - 5000	1375	1750
	5001 - 10 000	1625	2000
	10 001 - 20 000	2125	2500
	20 001 - 30 000	2625	3000
	30 001 - 40 000	3125	3500
	40 001 - 50 000	3625	4000
	50 001 - 60 000	4125	4500
	60 001 - 70 000	4625	5000
	70 001+	5125	5500
AIN_NUM_01_00_EXT_BLKs			
	0 - 2000	613	800

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 2 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001 - 5000	688	875
	5001 - 10 000	813	1000
	10 001 - 20 000	1063	1250
	20 001 - 30 000	1313	1500
	30 001 - 40 000	1563	1750
	40 001 - 50 000	1813	2000
	50 001 - 60 000	2063	2250
	60 001 - 70 000	2313	2500
	70 001+	2563	2750
AIN_NUM_EXT_BLKs			
	0 - 2000	1225	1600
	2001 - 5000	1375	1750
	5001 - 10 000	1625	2000
	10 001 - 20 000	2125	2500
	20 001 - 30 000	2625	3000
	30 001 - 40 000	3125	3500
	40 001 - 50 000	3625	4000
	50 001 - 60 000	4125	4500
	60 001 - 70 000	4625	5000
	70 001+	5125	5500
AIN_NUM_PROCESSING_EXT_BLKs			
	0 - 2000	1255	1600
	2001 - 5000	1375	1750

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 3 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	5001 - 10 000	1625	2000
	10 001 - 20 000	2125	2500
	20 001 - 30 000	2625	3000
	30 001 - 40 000	3125	3500
	40 001 - 50 000	3625	4000
	50 001 - 60 000	4125	4500
	60 001 - 70 000	4625	5000
	70 001+	5125	5500
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0 - 2000	2450	3200
	2001 - 5000	2750	3500
	5001 - 10 000	3250	4000
	10 001 - 20 000	4250	5000
	20 001 - 30 000	5250	6000
	30 001 - 40 000	6250	7000
	40 001 - 50 000	7250	8000
	50 001 - 60 000	8250	9000
	60 001 - 70 000	9250	10 000
	70 001+	10 250	11 000
CFD_EXT_BLOCKS		15 750	21 000
CFW_EXT_BLOCKS		6000	8000
CFZ_EXT_BLOCKS		3600	4800
CRS_PRU_POOL1_SIZE		1000	1000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 4 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
CRS_PRU_POOL2_SIZE	0 - 2000	19 372	22 766
	2001 - 5000	21 022	24 416
	5001 - 10 000	23 772	27 166
	10 001 - 20 000	29 272	32 666
	20 001 - 30 000	34 772	38 166
	30 001 - 40 000	40 272	43 666
	40 001 - 50 000	45 772	49 166
	50 001 - 60 000	51.272	54 666
	60 001 - 70 000	56 772	60 166
	70 001+	62 272	65 666
CRS_PRU_POOL3_SIZE		6750	9000
CRS_SUBRU_POOL1_SIZE	0 - 2000	13 800	18 300
	2001 - 5000	14 250	18 750
	5001 - 10 000	15 000	19 500
	10 001 - 20 000	16 500	21 000
	20 001 - 30 000	18 000	22 500
	30 001 - 40 000	19 500	24 000
	40 001 - 50 000	21 000	25 500
	50 001 - 60 000	22 500	27 000
	60 001 - 70 000	24 000	28 500
	70 001+	25 500	30 000



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 5 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
CRS_SUBRU_POOL2_SIZE	0 - 2000	13 085	16 960
	2001 - 5000	13 775	17 650
	5001 - 10 000	14 925	18 800
	10 001 - 20 000	17 225	21 100
	20 001 - 30 000	19 525	23 400
	30 001 - 40 000	21 825	25 700
	40 001 - 50 000	24 125	28 800
	50 001 - 60 000	26 425	30 300
	60 001 - 70 000	28 725	32 600
	70 001+	31 025	34 900
CRS_SUBRU_POOL3_SIZE	0 - 2000	9650	11 900
	2001 - 5000	9950	12 200
	5001 - 10 000	10 450	12 700
	10 001 - 20 000	11 450	13 700
	20 001 - 30 000	12 450	14 700
	30 001 - 40 000	13 450	15 700
	40 001 - 50 000	14 450	16 700
	50 001 - 60 000	15 450	17 700
	60 001 - 70 000	16 450	18 700
	70 001+	17 450	19 700
CRS_SUBRU_POOL4_SIZE			

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 6 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	0 - 2000	7600	7600
	2001 - 5000	8500	8500
	5001 - 10 000	10 000	10 000
	10 001 - 20 000	13 000	13 000
	20 001 - 30 000	16 000	16 000
	30 001 - 40 000	19 000	19 000
	40 001 - 50 000	22 000	22 000
	50 001 - 60 000	25 000	25 000
	60 001 - 70 000	28 000	28 000
	70 001+	31 000	31 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		225	300
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		32	64
NCCBS (JNET)			
	0 - 2000	12 720	14 640

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 7 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001 - 5000	14 640	15 600
	5001 - 10 000	17 520	18 480
	10 001 - 20 000	22 320	23 280
	20 001 - 30 000	27 120	28 080
	30 001 - 40 000	31 920	33 840
	40 001 - 50 000	34 800	34 800
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	20 400
	10 001 - 20 000	34 800	34 800
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	49 200	49 200
	50 001 - 60 000	49 200	49 200
	60 001 - 70 000	49 200	49 200
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 8 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
NO_OF_FTR_CONTROL_BLKs	0 - 2000	4609	4984
	2001 - 5000	4759	5134
	5001 - 10 000	5009	5384
	10 001 - 20 000	5509	5884
	20 001 - 30 000	6009	6384
	30 001 - 40 000	6509	6884
	40 001 - 50 000	7009	7384
	50 001 - 60 000	7509	7884
	60 001 - 70 000	8009	8384
	70 001+	8509	8884
NO_OF_FTR_XLA_BLKs	0 - 2000	2725	3100
	2001 - 5000	2875	3250
	5001 - 10 000	3125	3500
	10 001 - 20 000	3625	4000
	20 001 - 30 000	4125	4500
	30 001 - 40 000	4625	5000
	40 001 - 50 000	5125	5500
	50 001 - 60 000	5625	6000
	60 001 - 70 000	6125	6500
	70 001+	6625	7000
NO_OF_HIS_CONTROL_BLKs			

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 9 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	0 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000
	30 001 - 40 000	80 000	80 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0 - 2000	8850	10 400
	2001 - 5000	15 150	16 700
	5001 - 10 000	25 650	27 200
	10 001 - 20 000	46 650	48 200
	20 001 - 30 000	67 650	69 200
	30 001 - 40 000	88 650	90 200
	40 001 - 50 000	109 650	111 200
	50 001 - 60 000	130 650	132 200
	60 001 - 70 000	151 650	153 200
	70 001+	172 650	174 200
NO_OF_HIS_DATA_BLKS - X2			
	0 - 2000	4025	4400

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 10 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001 - 5000	8375	8750
	5001 - 10 000	15 625	16 000
	10 001 - 20 000	30 125	30 500
	20 001 - 30 000	44 625	45 000
	30 001 - 40 000	59 125	59 500
	40 001 - 50 000	73 625	74 000
	50 001 - 60 000	88 125	88 500
	60 001 - 70 000	102 625	103 000
	70 001+	117 125	117 500
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	1725	2100
	2001 - 5000	2625	3000
	5001 - 10 000	4125	4500
	10 001 - 20 000	7125	7500
	20 001 - 30 000	10 125	10 500
	30 001 - 40 000	13 125	13 500
	40 001 - 50 000	16 125	16 500
	50 001 - 60 000	19 125	19 500
	60 001 - 70 000	22 125	22 500
	70 001+	25 125	25 500
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0 - 2000	3409	3784

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 11 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	2001 - 5000	3559	3934
	5001 - 10 000	3809	4184
	10 001 - 20 000	4309	4684
	20 001 - 30 000	4809	5184
	30 001 - 40 000	5309	5684
	40 001 - 50 000	5809	6184
	50 001 - 60 000	6309	6684
	60 001 - 70 000	6809	7184
	70 001+	7309	7684
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		10 513	13 550
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		225	300
NO_OF_SDS_EXT_BLKs		3000	4000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0 - 2000	561	580
	2001 - 5000	569	588
	5001 - 10 000	581	600
	10 001 - 20 000	606	625
	20 001 - 30 000	631	650

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 12 of 13)

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
	30 001 - 40 000	656	675
	40 001 - 50 000	681	700
	50 001 - 60 000	706	725
	60 001 - 70 000	731	750
	70 001+	756	775
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	20 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80



**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parameter values for table OFCENG line sizes 20 001-40 000 (Sheet 13 of 13)**

Parameter name	Trunk size	20 001- 30 000 lines	30 001- 40 000 lines
NUMCPWAKE		8000	10 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 40 001-60 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 40 001-60 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 1 of 13)**

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs	0 - 2000	1975	2350
	2001 - 5000	2125	2500
	5001 - 10 000	2375	2750
	10 001 - 20 000	2875	3250
	20 001 - 30 000	3375	3750
	30 001 - 40 000	3875	4250
	40 001 - 50 000	4375	4750

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 2 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	50 001 - 60 000	4875	5250
	60 001 - 70 000	5375	5750
	70 001+	5875	6250
AIN_NUM_01_00_EXT_BLKs			
	0 - 2000	988	1175
	2001 - 5000	1063	1250
	5001 - 10 000	1188	1375
	10 001 - 20 000	1438	1625
	20 001 - 30 000	1688	1875
	30 001 - 40 000	1938	2125
	40 001 - 50 000	2188	2375
	50 001 - 60 000	2438	2625
	60 001 - 70 000	2688	2875
	70 001+	2938	3125
AIN_NUM_EXT_BLKs			
	0 - 2000	1975	2350
	2001 - 5000	2125	2500
	5001 - 10 000	2375	2750
	10 001 - 20 000	2875	3250
	20 001 - 30 000	3375	3750
	30 001 - 40 000	3875	4250
	40 001 - 50 000	4375	4750
	50 001 - 60 000	4875	5250

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 3 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
AIN_NUM_PROCESSING_EXT_BLKs	60 001 - 70 000	5375	5750
	70 001+	5875	6250
	0 - 2000	1975	2350
	2001 - 5000	2125	2500
	5001 - 10 000	2375	2750
	10 001 - 20 000	2875	3250
	20 001 - 30 000	3375	3750
	30 001 - 40 000	3875	4250
	40 001 - 50 000	4375	4750
	50 001 - 60 000	4875	5250
	60 001 - 70 000	5375	5750
	70 001+	5875	6250
AIN_NUM_TERM_NOTIF_EXT_BLKs	0 - 2000	3950	4700
	2001 - 5000	4250	5000
	5001 - 10 000	4750	5500
	10 001 - 20 000	5750	6500
	20 001 - 30 000	6750	7500
	30 001 - 40 000	7750	8500
	40 001 - 50 000	8750	9500
	50 001 - 60 000	9750	10 500
	60 001 - 70 000	10 750	11 500

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 4 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	70 001+	11 750	12 500
CFD_EXT_BLOCKS		26 250	31 500
CFW_EXT_BLOCKS		10 000	12 000
CFZ_EXT_BLOCKS		6000	7200
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0 - 2000	26 160	29 554
	2001 - 5000	27 810	31 204
	5001 - 10 000	30 560	33 954
	10 001 - 20 000	36 060	39 454
	20 001 - 30 000	41 560	44 954
	30 001 - 40 000	47 060	50 454
	40 001 - 50 000	52 560	55 954
	50 001 - 60 000	58 060	61 454
	60 001 - 70 000	63 560	66 954
	70 001+	69 060	72 454
CRS_PRU_POOL3_SIZE		11 250	13 500
CRS_SUBRU_POOL1_SIZE			
	0 - 2000	22 800	27 300
	2001 - 5000	23 250	27 750
	5001 - 10 000	24 000	28 500
	10 001 - 20 000	25 500	30 000
	20 001 - 30 000	27 000	31 500

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 5 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	30 001 - 40 000	28 500	33 000
	40 001 - 50 000	30 000	34 500
	50 001 - 60 000	31 500	36 000
	60 001 - 70 000	33 000	37 500
	70 001+	34 500	39 000
CRS_SUBRU_POOL2_SIZE			
	0 - 2000	20 835	24 710
	2001 - 5000	21 525	25 400
	5001 - 10 000	22 675	26 550
	10 001 - 20 000	24 975	28 850
	20 001 - 30 000	27 275	31 150
	30 001 - 40 000	29 725	33 450
	40 001 - 50 000	31 875	35 750
	50 001 - 60 000	34 175	38 050
	60 001 - 70 000	36 475	40 350
	70 001+	38 775	42 650
CRS_SUBRU_POOL3_SIZE			
	0 - 2000	14 150	16 400
	2001 - 5000	14 450	16 700
	5001 - 10 000	14 950	17 200
	10 001 - 20 000	15 950	18 200
	20 001 - 30 000	16 950	19 200
	30 001 - 40 000	17 950	20 200

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 6 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	40 001 - 50 000	18 950	21 200
	50 001 - 60 000	19 950	22 200
	60 001 - 70 000	20 950	23 200
	70 001+	21 950	24 200
CRS_SUBRU_POOL4_SIZE			
	0 - 2000	8600	8600
	2001 - 5000	9500	9500
	5001 - 10 000	11 000	11 000
	10 001 - 20 000	14 000	14 000
	20 001 - 30 000	17 000	17 000
	30 001 - 40 000	20 000	20 000
	40 001 - 50 000	23 000	23 000
	50 001 - 60 000	26 000	26 000
	60 001 - 70 000	29 000	29 000
	70 001+	32 000	32 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		375	450
MAX_SDPOOL_NO		15	15

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 7 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 2000	15 600	17 520
	2001 - 5000	17 520	18 480
	5001 - 10 000	20 400	21 360
	10 001 - 20 000	25 200	26 160
	20 001 - 30 000	30 000	30 960
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	34 800	34 800
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0 - 2000	20 400	20 400
	2001 - 5000	20 400	20 400
	5001 - 10 000	20 400	34 800
	10 001 - 20 000	34 800	34 800
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	34 800	49 200
	40 001 - 50 000	49 200	49 200
	50 001 - 60 000	49 200	49 200

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 8 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	60 001 - 70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0 - 2000	5359	5734
	2001 - 5000	5509	5884
	5001 - 10 000	5759	6134
	10 001 - 20 000	6259	6634
	20 001 - 30 000	6759	7134
	30 001 - 40 000	7259	7634
	40 001 - 50 000	7759	8134
	50 001 - 60 000	8259	8634
	60 001 - 70 000	8759	9134
	70 001+	9259	9634
NO_OF_FTR_XLA_BLKs			
	0 - 2000	3475	3850
	2001 - 5000	3625	4000
	5001 - 10 000	3875	4250
	10 001 - 20 000	4375	4750
	20 001 - 30 000	4875	5250
	30 001 - 40 000	5375	5750



**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 9 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	40 001 - 50 000	5875	6250
	50 001 - 60 000	6375	6750
	60 001 - 70 000	6875	7250
	70 001+	7375	7750
NO_OF_HIS_CONTROL_BLKS	0 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000
	30 001 - 40 000	80 000	80 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
	NO_OF_HIS_DATA_BLKS - X1	0 - 2000	11 950
2001 - 5000		18 250	19 800
5001 - 10 000		28 750	30 300
10 001 - 20 000		49 750	51 300
20 001 - 30 000		70 750	72 300
30 001 - 40 000		91 750	93 300
40 001 - 50 000		112 750	114 300

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 10 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	50 001 - 60 000	133 750	135 300
	60 001 - 70 000	154 750	156 300
	70 001+	175 750	177 300
NO_OF_HIS_DATA_BLKs - X2			
	0 - 2000	4775	5150
	2001 - 5000	9125	9500
	5001 - 10 000	16 375	16 750
	10 001 - 20 000	30 875	31 250
	20 001 - 30 000	45 375	45 750
	30 001 - 40 000	59 875	60 250
	40 001 - 50 000	74 375	74 750
	50 001 - 60 000	88 875	89 250
	60 001 - 70 000	103 375	103 750
	70 001+	117 875	118 250
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	2475	2850
	2001 - 5000	3375	3750
	5001 - 10 000	4875	5250
	10 001 - 20 000	7875	8250
	20 001 - 30 000	10 875	11 250
	30 001 - 40 000	13 875	14 250
	40 001 - 50 000	16 875	17 250
	50 001 - 60 000	19 875	20 250

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 11 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	60 001 - 70 000	22 875	23 250
	70 001+	25 875	26 250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0 - 2000	4159	4534
	2001 - 5000	4309	4684
	5001 - 10 000	4559	4934
	10 001 - 20 000	5059	5434
	20 001 - 30 000	5559	5934
	30 001 - 40 000	6059	6434
	40 001 - 50 000	6559	6934
	50 001 - 60 000	7059	7434
	60 001 - 70 000	7559	7934
	70 001+	8059	8434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		16 588	19 625
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		375	450
NO_OF_SDS_EXT_BLKs		5000	6000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 12 of 13)

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	0 - 2000	599	618
	2001 - 5000	606	625
	5001 - 10 000	619	638
	10 001 - 20 000	644	663
	20 001 - 30 000	669	688
	30 001 - 40 000	694	713
	40 001 - 50 000	719	738
	50 001 - 60 000	744	763
	60 001 - 70 000	769	788
	70 001+	794	813
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	20 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

**Preset office parameter values for table OFCENG line sizes 40 001-60 000 (Sheet 13 of 13)**

Parameter name	Trunk size	40 001- 50 000 lines	50 001- 60 000 lines
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		12 000	14 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

**Line sizes 60 001-80 000**

The following table lists the table OFCENG parameter names and preset values for line sizes 60 001-80 000. The table lists the parameter names according to trunk size if the parameter has a trunk size.

**Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 1 of 13)**

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs	0 - 2000	2725	3100
	2001 - 5000	2875	3250

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 2 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	5001 - 10 000	3125	3500
	10 001 - 20 000	3625	4000
	20 001 - 30 000	4125	4500
	30 001 - 40 000	4625	5000
	40 001 - 50 000	5125	5500
	50 001 - 60 000	5625	6000
	60 001 - 70 000	6125	6500
	70 001+	6625	7000
AIN_NUM_01_00_EXT_BLKS			
	0 - 2000	1363	1550
	2001 - 5000	1438	1625
	5001 - 10 000	1563	1750
	10 001 - 20 000	1813	2000
	20 001 - 30 000	2063	2250
	30 001 - 40 000	2313	2500
	40 001 - 50 000	2563	2750
	50 001 - 60 000	2813	3000
	60 001 - 70 000	3063	3250
	70 001+	3313	3500
AIN_NUM_EXT_BLKS			
	0 - 2000	2725	3100
	2001 - 5000	2875	3250
	5001 - 10 000	3125	3500

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 3 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 001 - 20 000	3625	4000
	20 001 - 30 000	4125	4500
	30 001 - 40 000	4625	5000
	40 001 - 50 000	5125	5500
	50 001 - 60 000	5625	6000
	60 001 - 70 000	6125	6500
	70 001+	6625	7000
AIN_NUM_PROCESSING_EXT_BLKs			
	0 - 2000	2725	3100
	2001 - 5000	2875	3250
	5001 - 10 000	3125	3500
	10 001 - 20 000	3625	4000
	20 001 - 30 000	4125	4500
	30 001 - 40 000	4625	5000
	40 001 - 50 000	5125	5500
	50 001 - 60 000	5625	6000
	60 001 - 70 000	6125	6500
	70 001+	6625	7000
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0 - 2000	5450	6200
	2001 - 5000	5750	6500
	5001 - 10 000	6250	7000
	10 001 - 20 000	7250	8000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 4 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	20 001 - 30 000	8250	9000
	30 001 - 40 000	9250	10 000
	40 001 - 50 000	10 250	11 000
	50 001 - 60 000	11 250	12 000
	60 001 - 70 000	12 250	13 000
	70 001+	13 250	14 000
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		14 000	16 000
CFZ_EXT_BLOCKS		8400	9600
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0 - 2000	32 948	36 342
	2001 - 5000	34 598	37 992
	5001 - 10 000	37 348	40 742
	10 001 - 20 000	42 848	46 242
	20 001 - 30 000	48 348	51 742
	30 001 - 40 000	53 848	57 242
	40 001 - 50 000	59 348	62 742
	50 001 - 60 000	64 848	68 242
	60 001 - 70 000	70 348	73 742
	70 001+	75 848	79 242
CRS_PRU_POOL3_SIZE		15 750	18 000
CRS_SUBRU_POOL1_SIZE			



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 5 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	0 - 2000	31 800	36 300
	2001 - 5000	32 250	36 750
	5001 - 10 000	33 000	37 500
	10 001 - 20 000	34 500	39 000
	20 001 - 30 000	36 000	40 500
	30 001 - 40 000	37 500	42 000
	40 001 - 50 000	39 000	43 500
	50 001 - 60 000	40 500	45 000
	60 001 - 70 000	42 000	46 500
	70 001+	43 500	48 000
CRS_SUBRU_POOL2_SIZE			
	0 - 2000	28 585	32 460
	2001 - 5000	29 275	33 150
	5001 - 10 000	30 425	34 300
	10 001 - 20 000	32 725	36 600
	20 001 - 30 000	35 025	38 900
	30 001 - 40 000	37 325	41 200
	40 001 - 50 000	39 625	43 500
	50 001 - 60 000	41 925	45 800
	60 001 - 70 000	44 225	48 100
	70 001+	46 525	50 400
CRS_SUBRU_POOL3_SIZE			
	0 - 2000	18 650	20 900

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 6 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	2001 - 5000	18 950	21 200
	5001 - 10 000	19 450	21 700
	10 001 - 20 000	20 450	22 700
	20 001 - 30 000	21 450	23 700
	30 001 - 40 000	22 450	24 700
	40 001 - 50 000	23 450	25 700
	50 001 - 60 000	24 450	26 700
	60 001 - 70 000	25 450	27 700
	70 001+	26 450	28 700
CRS_SUBRU_POOL4_SIZE			
	0 - 2000	8600	8600
	2001 - 5000	9500	9500
	5001 - 10 000	11 000	11 000
	10 001 - 20 000	14 000	14 000
	20 001 - 30 000	17 000	17 000
	30 001 - 40 000	20 000	20 000
	40 001 - 50 000	23 000	23 000
	50 001- 60 000	26 000	26 000
	60 001 - 70 000	29 000	29 000
	70 001+	32 000	32 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 7 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 2000	18 480	20 400
	2001 - 5000	20 400	21 360
	5001 - 10 000	22 320	24 240
	10 001 - 20 000	28 080	29 040
	20 001 - 30 000	32 880	33 840
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	34 800	34 800
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0- 2000	20 400	20 400
	2001 - 5000	20 400	34 800
	5001 - 10 000	34 800	34 800

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 8 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 001 - 20 000	34 800	34 800
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	49 200	49 200
	40 001 - 50 000	49 200	49 200
	50 001 - 60 000	49 200	49 200
	60 001 - 70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0 - 2000	6109	6484
	2001 - 5000	6259	6634
	5001 - 10 000	6509	6884
	10 001 - 20 000	7009	7384
	20 001 - 30 000	7509	7884
	30 001 - 40 000	8009	8384
	40 001 - 50 000	8509	8884
	50 001 - 60 000	9009	9384
	60 001 - 70 000	9509	9884
	70 001+	10 009	10 384
NO_OF_FTR_XLA_BLKs			
	0 - 2000	4225	4600

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 9 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	2001 - 5000	4375	4750
	5001 - 10 000	4625	5000
	10 001 - 20 000	5125	5500
	20 001 - 30 000	5625	6000
	30 001 - 40 000	6125	6500
	40 001 - 50 000	6625	7000
	50 001 - 60 000	7125	7500
	60 001 - 70 000	7625	8000
	70 001+	8125	8500
NO_OF_HIS_CONTROL_BLKS			
	0 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000
	30 001 - 40 000	80 000	80 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0 - 2000	15 050	16 600
	2001 - 5000	21 350	22 900

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 10 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	5001 - 10 000	31 850	33 400
	10 001 - 20 000	52 850	54 400
	20 001 - 30 000	73 850	75 400
	30 001 - 40 000	94 850	96 400
	40 001 - 50 000	115 850	117 400
	50 001 - 60 000	136 850	138 400
	60 001 - 70 000	157 850	159 400
	70 001+	178 850	180 400
NO_OF_HIS_DATA_BLKs - X2			
	0 - 2000	5525	5900
	2001 - 5000	9875	10 250
	5001 - 10 000	17 125	17 500
	10 001 - 20 000	31 625	32 000
	20 001 - 30 000	46 125	46 500
	30 001 - 40 000	60 625	61 000
	40 001 - 50 000	75 125	75 500
	50 001 - 60 000	89 625	90 000
	60 001 - 70 000	104 125	104 500
	70 001+	118 625	119 000
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	3225	3600
	2001 - 5000	4125	4500
	5001 - 10 000	5625	6000

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 11 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	10 001 - 20 000	8625	9000
	20 001 - 30 000	11 625	12 000
	30 001 - 40 000	14 625	15 000
	40 001 - 50 000	17 625	18 000
	50 001 - 60 000	20 625	21 000
	60 001 - 70 000	23 625	24 000
	70 001+	26 625	27 000
NO_OF_LARGE_EXT_BLKS		1 000	1000
NO_OF_LARGE_FTR_DATA_BLKS			
	0 - 2000	4909	5284
	2001 - 5000	5059	5434
	5001 - 10 000	5309	5684
	10 001 - 20 000	5809	6184
	20 001 - 30 000	6309	6684
	30 001 - 40 000	6809	7184
	40 001 - 50 000	7309	7684
	50 001 - 60 000	7809	8184
	60 001 - 70 000	8309	8684
	70 001+	8809	9184
NO_OF_MEDIUM_EXT_BLKS		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKS		22 663	25 700
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 12 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
NO_OF_SC_EXT_BLKs		525	600
NO_OF_SDS_EXT_BLKs		7000	8000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0 - 2000	636	655
	2001 - 5000	644	663
	5001 - 10 000	656	675
	10 001 - 20 000	681	700
	20 001 - 30 000	706	725
	30 001 - 40 000	731	750
	40 001 - 50 000	756	775
	50 001 - 60 000	781	800
	60 001 - 70 000	806	825
	70 001+	831	850
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRLs		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 60 001-80 000 (Sheet 13 of 13)

Parameter name	Trunk size	60 001- 70 000 lines	70 001- 80 000 lines
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	20 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLKs		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		16 000	18 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Line sizes 80 001-100 000

The following table lists the table OFCENG parameter names and preset values for line sizes 80 001-100 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 1 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs			
	0 - 2000	3475	3850
	2001 - 5000	3625	4000
	5001 - 10 000	3875	4250
	10 001 - 20 000	4375	4750
	20 001 - 30 000	4875	5250
	30 001 - 40 000	5375	5750
	40 001 - 50 000	5875	6250
	50 001 - 60 000	6375	6750
	60 001 - 70 000	6875	7250
	70 001+	7375	7750
AIN_NUM_01_00_EXT_BLKs			
	0 - 2000	1738	1925
	2001 - 5000	1813	2000
	5001 - 10 000	1938	2125
	10 001 - 20 000	2188	2375
	20 001 - 30 000	2438	2625
	30 001 - 40 000	2688	2875
	40 001 - 50 000	2938	3125

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 2 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
AIN_NUM_EXT_BLKs	50 001 - 60 000	3188	3375
	60 001 - 70 000	3438	3625
	70 001+	3688	3875
AIN_NUM_EXT_BLKs	0 - 2000	3475	3850
	2001 - 5000	3625	4000
	5001 - 10 000	3875	4250
	10 001 - 20 000	4375	4750
	20 001 - 30 000	4875	5250
	30 001 - 40 000	5375	5750
	40 001 - 50 000	5875	6250
	50 001 - 60 000	6375	6750
	60 001 - 70 000	6875	7250
	70 001+	7375	7750
AIN_NUM_PROCESSING_EXT_BLKs	0 - 2000	3475	3850
	2001 - 5000	3625	4000
	5001 - 10 000	3875	4250
	10 001 - 20 000	4375	4750
	20 001 - 30 000	4875	5250
	30 001 - 40 000	5375	5750
	40 001 - 50 000	5875	6250
	50 001 - 60 000	6375	6750

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 3 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	60 001 - 70 000	6875	7250
	70 001+	7375	7750
AIN_NUM_TERM_NOTIF_EXT_BLKs			
	0 - 2000	6950	7700
	2001 - 5000	7250	8000
	5001 - 10 000	7750	8500
	10 001 - 20 000	8750	9500
	20 001 - 30 000	9750	10 500
	30 001 - 40 000	10 750	11 500
	40 001 - 50 000	11 750	12 500
	50 001 - 60 000	12 750	13 500
	60 001 - 70 000	13 750	14 500
	70 001+	14 750	15 500
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		18 000	20 000
CFZ_EXT_BLOCKS		10 800	12 000
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			
	0 - 2000	39 736	43 130
	2001 - 5000	41 386	44 780
	5001 - 10 000	44 136	47 530
	10 001 - 20 000	49 636	53 030
	20 001 - 30 000	55 136	58 530

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 4 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	30 001 - 40 000	60 636	64 030
	40 001 - 50 000	66 136	69 530
	50 001 - 60 000	71 636	75 030
	60 001 - 70 000	77 136	80 530
	70 001+	82 636	86 030
CRS_PRU_POOL3_SIZE		20 250	22 500
CRS_SUBRU_POOL1_SIZE			
	0 - 2000	40 800	45 300
	2001 - 5000	41 250	45 750
	5001 - 10 000	42 000	46 500
	10 001 - 20 000	43 500	48 000
	20 001 - 30 000	45 000	49 500
	30 001 - 40 000	46 500	51 000
	40 001 - 50 000	48 000	52 500
	50 001 - 60 000	49 500	54 000
	60 001 - 70 000	51 000	55 500
	70 001+	52 500	57 000
CRS_SUBRU_POOL2_SIZE			
	0 - 2000	36 335	40 210
	2001 - 5000	37 025	40 900
	5001 - 10 000	38 175	42 050
	10 001 - 20 000	40 475	44 350
	20 001 - 30 000	42 775	46 650

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 5 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	30 001 - 40 000	45 075	48 950
	40 001 - 50 000	47 375	51 250
	50 001 - 60 000	49 675	53 550
	60 001 - 70 000	51 975	55 580
	70 001+	54 275	58 150
CRS_SUBRU_POOL3_SIZE			
	0 - 2000	23 150	25 400
	2001 - 5000	23 450	25 700
	5001 - 10 000	23 950	26 200
	10 001 - 20 000	24 950	27 200
	20 001 - 30 000	25 950	28 200
	30 001 - 40 000	26 950	29 200
	40 001 - 50 000	27 950	30 200
	50 001 - 60 000	28 950	31 200
	60 001 - 70 000	29 950	32 200
	70 001+	30 950	33 200
CRS_SUBRU_POOL4_SIZE			
	0 - 2000	8600	8600
	2001 - 5000	9500	9500
	5001 - 10 000	11 000	11 000
	10 001 - 20 000	14 000	14 000
	20 001 - 30 000	17 000	17 000
	30 001 - 40 000	20 000	20 000

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 6 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	40 001 - 50 000	23 000	23 000
	50 001 - 60 000	26 000	26 000
	60 001 - 70 000	29 000	29 000
	70 001+	32 000	32 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 2000	21 360	23 280
	2001 - 5000	23 280	24 240
	5001 - 10 000	25 200	27 120
	10 001 - 20 000	30 960	31 920
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	34 800	34 800

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 7 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0 - 2000	34 800	34 800
	2001 - 5000	34 800	34 800
	5001 - 10 000	34 800	34 800
	10 001 - 20 000	34 800	34 800
	20 001 - 30 000	49 200	49 200
	30 001 - 40 000	49 200	49 200
	40 001 - 50 000	49 200	49 200
	50 001 - 60 000	63 600	63 600
	60 001 - 70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			
	0 - 2000	6859	7234
	2001 - 5000	7009	7384
	5001 - 10 000	7259	7634
	10 001 - 20 000	7759	8134
	20 001 - 30 000	8259	8634



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 8 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	30 001 - 40 000	8759	9134
	40 001 - 50 000	9259	9634
	50 001 - 60 000	9759	10 134
	60 001 - 70 000	10 259	10 634
	70 001+	10 759	11 134
NO_OF_FTR_XLA_BLKs			
	0 - 2000	4975	5350
	2001 - 5000	5125	5500
	5001 - 10 000	5375	5750
	10 001 - 20 000	5875	6250
	20 001 - 30 000	6375	6750
	30 001 - 40 000	6875	7250
	40 001 - 50 000	7375	7750
	50 001 - 60 000	7875	8250
	60 001 - 70 000	8375	8750
	70 001+	8875	9250
NO_OF_HIS_CONTROL_BLKs			
	0 - 2000	4000	4000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000
	30 001 - 40 000	80 000	80 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 9 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKs - X1			
	0 - 2000	18 150	19 700
	2001 - 5000	24 450	26 000
	5001 - 10 000	34 950	36 500
	10 001 - 20 000	55 950	57 500
	20 001 - 30 000	76 950	78 500
	30 001 - 40 000	97 950	99 500
	40 001 - 50 000	118 950	120 500
	50 001 - 60 000	139 950	141 500
	60 001 - 70 000	160 950	162 500
	70 001+	181 950	183 500
NO_OF_HIS_DATA_BLKs - X2			
	0 - 2000	6275	6650
	2001 - 5000	10 625	11 000
	5001 - 10 000	17 875	18 250
	10 001 - 20 000	32 375	32 750
	20 001 - 30 000	46 875	47 250
	30 001 - 40 000	61 375	61 750
	40 001 - 50 000	75 875	76 250

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 10 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	50 001 - 60 000	90 375	90 750
	60 001 - 70 000	104 875	105 250
	70 001+	119 375	119 750
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	3975	4350
	2001 - 5000	4875	5250
	5001 - 10 000	6375	6750
	10 001 - 20 000	9375	9750
	20 001 - 30 000	12 375	12 750
	30 001 - 40 000	15 375	15 750
	40 001 - 50 000	18 375	18 750
	50 001 - 60 000	21 375	21 750
	60 001 - 70 000	24 375	24 750
	70 001+	27 375	27 750
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0 - 2000	5659	6034
	2001 - 5000	5809	6184
	5001 - 10 000	6059	6434
	10 001 - 20 000	6559	6934
	20 001 - 30 000	7059	7434
	30 001 - 40 000	7559	7934
	40 001 - 50 000	8059	8434

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 11 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
	50 001 - 60 000	8559	8934
	60 001 - 70 000	9059	9434
	70 001+	9559	9934
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		28 738	31 775
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		675	750
NO_OF_SDS_EXT_BLKs		9000	10 000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0 - 2000	674	693
	2001 - 5000	681	700
	5001 - 10 000	694	713
	10 001 - 20 000	719	738
	20 001 - 30 000	744	763
	30 001 - 40 000	769	788
	40 001 - 50 000	794	813
	50 001 - 60 000	819	838
	60 001 - 70 000	844	863
	70 001+	869	888
NO_TFAN_OM_REGISTERS		2047	2047

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 12 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	20 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		20 000	22 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1169
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Preset office parameter values for table OFCENG line sizes 80 001-100 000 (Sheet 13 of 13)

Parameter name	Trunk size	80 001- 90 000 lines	90 001-100 000
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

### Line sizes 100 001-140 000

The following table lists the table OFCENG parameter names and preset values for line sizes 100 001-140 000. The table lists the parameter names according to trunk size, if the parameter has a trunk size.

### Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 1 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
ACD_OVERFLOW_BLOCKS		4094	4094
AIN_NUM_00_PARA_EXT_BLKs			
	0 - 2000	4600	5350
	2001 - 5000	4750	5500
	5001 - 10 000	5000	5750
	10 001 - 20 000	5500	6250
	20 001 - 30 000	6000	6750
	30 001 - 40 000	6500	7250
	40 001 - 50 000	7000	7750
	50 001 - 60 000	7500	8250
	60 001 - 70 000	8000	8750
	70 001+	8500	9250
AIN_NUM_01_00_EXT_BLKs			
	0 - 2000	2300	2675
	2001 - 5000	2375	2750

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 2 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	5001 - 10 000	2500	2875
	10 001 - 20 000	2750	3125
	20 001 - 30 000	3000	3375
	30 001 - 40 000	3250	3625
	40 001 - 50 000	3500	3875
	50 001 - 60 000	3750	4125
	60 001 - 70 000	4000	4375
	70 001+	4250	4625
AIN_NUM_EXT_BLKs			
	0 - 2000	4600	5350
	2001 - 5000	4750	5500
	5001 - 10 000	5000	5750
	10 001 - 20 000	5500	6250
	20 001 - 30 000	6000	6750
	30 001 - 40 000	6500	7250
	40 001 - 50 000	7000	7750
	50 001 - 60 000	7500	8250
	60 001 - 70 000	8000	8750
	70 001+	8500	9250
AIN_NUM_PROCESSING_EXT_BLKs			
	0 - 2000	4600	5350
	2001 - 5000	4750	5500
	5001 - 10 000	5000	5750

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 3 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	10 001 - 20 000	5500	6250
	20 001 - 30 000	6000	6750
	30 001 - 40 000	6500	7250
	40 001 - 50 000	7000	7750
	50 001 - 60 000	7500	8250
	60 001 - 70 000	8000	8750
	70 001+	8500	9250
AIN_NUM_TERM_NOTIF_EXT_BLKS			
	0 - 2000	9200	10 700
	2001 - 5000	9500	11 000
	5001 - 10 000	10 000	11 500
	10 001 - 20 000	11 000	12 500
	20 001 - 30 000	12 000	13 500
	30 001 - 40 000	13 000	14 500
	40 001 - 50 000	14 000	15 500
	50 001 - 60 000	15 000	16 500
	60 001 - 70 000	16 000	17 500
	70 001+	17 000	18 500
CFD_EXT_BLOCKS		32 767	32 767
CFW_EXT_BLOCKS		24 000	28 000
CFZ_EXT_BLOCKS		14 400	16 800
CRS_PRU_POOL1_SIZE		2000	2000
CRS_PRU_POOL2_SIZE			



**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 4 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	0 - 2000	49 918	56 706
	2001 - 5000	51 568	58 356
	5001 - 10 000	54 318	61 106
	10 001 - 20 000	59 818	66 606
	20 001 - 30 000	65 318	72 106
	30 001 - 40 000	70 818	77 606
	40 001 - 50 000	76 318	83 106
	50 001 - 60 000	81 818	88 606
	60 001 - 70 000	87 318	94 106
	70 001+	92 818	99 606
CRS_PRU_POOL3_SIZE		27 000	31 520
CRS_SUBRU_POOL1_SIZE			
	0 - 2000	54 300	63 300
	2001 - 5000	54 750	63 750
	5001 - 10 000	55 500	64 500
	10 001 - 20 000	57 000	66 000
	20 001 - 30 000	58 500	67 500
	30 001 - 40 000	60 000	69 000
	40 001 - 50 000	61 500	70 500
	50 001 - 60 000	63 000	72 000
	60 001 - 70 000	64 500	73 500
	70 001+	66 000	75 000
CRS_SUBRU_POOL2_SIZE			

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 5 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	0 - 2000	46 960	55 710
	2001 - 5000	48 650	56 400
	5001 - 10 000	49 800	57 550
	10 001 - 20 000	52 100	59 850
	20 001 - 30 000	54 400	62 150
	30 001 - 40 000	56 700	64 450
	40 001 - 50 000	59 000	66 750
	50 001 - 60 000	61 300	69 050
	60 001 - 70 000	63 600	71 350
	70 001+	65 900	73 650
CRS_SUBRU_POOL3_SIZE	0 - 2000	29 900	34 400
	2001 - 5000	30 200	34 700
	5001 - 10 000	30 700	35 200
	10 001 - 20 000	31 700	36 200
	20 001 - 30 000	32 700	37 200
	30 001 - 40 000	33 700	38 200
	40 001 - 50 000	34 700	39 200
	50 001 - 60 000	35 700	40 200
	60 001 - 70 000	36 700	41 200
	70 001+	37 700	42 200
CRS_SUBRU_POOL4_SIZE	0 - 2000	8600	8600

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 6 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	2001 - 5000	9500	9500
	5001 - 10 000	11 000	11 000
	10 001 - 20 000	14 000	14 000
	20 001 - 30 000	17 000	17 000
	30 001 - 40 000	20 000	20 000
	40 001 - 50 000	23 000	23 000
	50 001 - 60 000	26 000	26 000
	60 001 - 70 000	29 000	29 000
	70 001+	32 000	32 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095	4095
EA_MF_SS7_EXT_BLOCK_COUNT		800	800
E911_NUMBER_OF_FDBS		1000	1000
KSHUNT_EXT_BLOCKS		500	500
MAX_CMAP_SESSIONS		5	5
MAX_NO_OF_TRANS_ID		16 000	16 000
MAX_NUM_WIDEBAND_CALLS		500	500
MAX_SDPOOL_NO		15	15
MAXNUCS (JNET)		1024	1024
MAXNUCS (ENET)		0	0
MAXSTS		64	64
NCCBS (JNET)			
	0 - 2000	25 200	28 080
	2001 - 5000	27 120	30 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 7 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	5001 - 10 000	30 000	32 880
	10 001 - 20 000	34 800	34 800
	20 001 - 30 000	34 800	34 800
	30 001 - 40 000	34 800	34 800
	40 001 - 50 000	34 800	34 800
	50 001 - 60 000	34 800	34 800
	60 001 - 70 000	34 800	34 800
	70 001+	34 800	34 800
NCCBS (ENET)			
	0 - 2000	34 800	34 800
	2001 - 5000	34 800	34 800
	5001 - 10 000	34 800	34 800
	10 001 - 20 000	34 800	49 200
	20 001 - 30 000	49 200	49 200
	30 001 - 40 000	49 200	49 200
	40 001 - 50 000	49 200	63 600
	50 001 - 60 000	63 600	63 600
	60 001 - 70 000	63 600	63 600
	70 001+	63 600	63 600
NO_LOCAL_COIN_EXT_BLKs		256	256
NO_OCCTS_OM_REGISTERS		2047	2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000	1000
NO_OF_FTR_CONTROL_BLKs			

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 8 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	0 - 2000	7984	8734
	2001 - 5000	8134	8884
	5001 - 10 000	8384	9134
	10 001 - 20 000	8884	9634
	20 001 - 30 000	9384	10 134
	30 001 - 40 000	9884	10 634
	40 001 - 50 000	10 384	11 134
	50 001 - 60 000	10 884	11 634
	60 001 - 70 000	11 384	12 134
	70 001+	11 884	12 634
NO_OF_FTR_XLA_BLKs			
	0 - 2000	6100	6850
	2001 - 5000	6250	7000
	5001 - 10 000	6500	7250
	10 001 - 20 000	7000	7750
	20 001 - 30 000	7500	8250
	30 001 - 40 000	8000	8750
	40 001 - 50 000	8500	9250
	50 001 - 60 000	9000	9750
	60 001 - 70 000	9500	10 250
	70 001+	10 000	10 750
NO_OF_HIS_CONTROL_BLKs			
	0 - 2000	4000	4000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 9 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	2001 - 5000	10 000	10 000
	5001 - 10 000	20 000	20 000
	10 001 - 20 000	40 000	40 000
	20 001 - 30 000	60 000	60 000
	30 001 - 40 000	80 000	80 000
	40 001 - 50 000	100 000	100 000
	50 001 - 60 000	120 000	120 000
	60 001 - 70 000	140 000	140 000
	70 001+	160 000	160 000
NO_OF_HIS_DATA_BLKS - X1			
	0 - 2000	22 800	25 900
	2001 - 5000	29 100	32 200
	5001 - 10 000	39 600	42 700
	10 001 - 20 000	60 600	63 700
	20 001 - 30 000	81 600	84 700
	30 001 - 40 000	102 600	105 700
	40 001 - 50 000	123 600	126 700
	50 001 - 60 000	144 600	147 700
	60 001 - 70 000	165 600	168 700
	70 001+	186 600	189 700
NO_OF_HIS_DATA_BLKS - X2			
	0 - 2000	7400	8150
	2001 - 5000	11 750	12 550

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 10 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	5001 - 10 000	19 000	19 750
	10 001 - 20 000	33 500	34 250
	20 001 - 30 000	48 000	48 750
	30 001 - 40 000	62 500	63 250
	40 001 - 50 000	77 000	77 750
	50 001 - 60 000	91 500	92 250
	60 001 - 70 000	106 000	106 750
	70 001+	120 500	121 250
NO_OF_HIS_DATA_BLKs - X3			
	0 - 2000	5100	5850
	2001 - 5000	6000	6750
	5001 - 10 000	7500	8250
	10 001 - 20 000	10 500	11 250
	20 001 - 30 000	13 500	14 250
	30 001 - 40 000	16 500	17 250
	40 001 - 50 000	19 500	20 250
	50 001 - 60 000	22 500	23 250
	60 001 - 70 000	25 500	26 250
	70 001+	28 500	29 250
NO_OF_LARGE_EXT_BLKs		1000	1000
NO_OF_LARGE_FTR_DATA_BLKs			
	0 - 2000	6784	7534
	2001 - 5000	6934	7684

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 11 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	5001 - 10 000	7184	7934
	10 001 - 20 000	7684	8434
	20 001 - 30 000	8184	8934
	30 001 - 40 000	8684	9434
	40 001 - 50 000	9184	9934
	50 001 - 60 000	9684	10 434
	60 001 - 70 000	10 184	10 934
	70 001+	10 684	11 434
NO_OF_MEDIUM_EXT_BLKs		1000	1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767	32 767
NO_OF_PVN_EXTBLK		2700	2700
NO_OF_PVN_TERM_EXTBLK		1200	1200
NO_OF_SC_EXT_BLKs		900	1050
NO_OF_SDS_EXT_BLKs		12 000	14 000
NO_OF_SMALL_EXT_BLKs		1000	1000
NO_OF_SMALL_FTR_DATA_BLKs		1200	1200
NO_OF_XLARGE_EXT_BLKs			
	0 - 2000	730	768
	2001 - 5000	738	775
	5001 - 10 000	750	788
	10 001 - 20 000	775	813
	20 001 - 30 000	800	838
	30 001 - 40 000	825	863



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 12 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
	40 001 - 50 000	850	888
	50 001 - 60 000	875	913
	60 001 - 70 000	900	938
	70 001+	925	963
NO_TFAN_OM_REGISTERS		2047	2047
NOS_QUANTITY_OF_SVCS		15	15
NUM_ENGR_NWM_TRKGRP_CTRL		255	255
NUM_IBN_IXLA_EXT_BLOCKS		1000	1000
NUM_OF_NSC_EXT_BLK		2000	2000
NUM_OF_RTEB_EXTBLKS			
	0 - 2000	160	160
	2001 - 5000	400	400
	5001 - 10 000	800	800
	10 001 - 20 000	1600	1600
	20 001 - 30 000	2400	2400
	30 001 - 40 000	3200	3200
	40 001 - 50 000	4000	4000
	50 001 - 60 000	4800	4800
	60 001 - 70 000	5000	5000
	70 001+	5000	5000
NUM_RC_EXT_BLK		1000	1000
NUMCALLPROCESSES		80	80
NUMCPWAKE		26 000	30 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

### Preset office parameter values for table OFCENG line sizes 100 001-140 000 (Sheet 13 of 13)

Parameter name	Trunk size	100 001- 120 000	120 001-140 000
NUMIBNCQEXTBLK		3825	3825
NUMOHCQBQTRANSBLKS		1169	1170
NUMPERMEXT		7000	7000
OCCTS_ENHANCED_FEATURE		Y	Y
PSTN_GT_SIZE		10	10
SLE_ITEMS_IN_SEGMENT		1024	1024
SLE_MAX_SEGMENT_COUNT		2047	2047

### Line sizes 140 001-160 000

The following table lists the table OFCENG parameter names and preset values for line sizes 140 001-160 000. The table lists parameter names according to trunk size, if the parameter has a trunk size.

### Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 1 of 13)

Parameter name	Trunk size	140 001-160 000
ACD_OVERFLOW_BLOCKS		4094
AIN_NUM_00_PARA_EXT_BLKS	0 - 2000	6100
	2001 - 5000	6250
	5001 - 10 000	6500
	10 001 - 20 000	7000
	20 001 - 30 000	7500
	30 001 - 40 000	8000
	40 001 - 50 000	8500
	50 001 - 60 000	9000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 2 of 13)

Parameter name	Trunk size	140 001-160 000
AIN_NUM_01_00_EXT_BLKs	60 001 - 70 000	9500
	70 001+	10 000
	0 - 2000	3050
	2001 - 5000	3125
	5001 - 10 000	3250
	10 001 - 20 000	3500
	20 001 - 30 000	3750
	30 001 - 40 000	4000
	40 001 - 50 000	4250
	50 001 - 60 000	4500
	60 001 - 70 000	4750
	70 001+	5000
AIN_NUM_EXT_BLKs	0 - 2000	6100
	2001 - 5000	6250
	5001 - 10 000	6500
	10 001 - 20 000	7000
	20 001 - 30 000	7500
	30 001 - 40 000	8000
	40 001 - 50 000	8500
	50 001 - 60 000	9000
60 001 - 70 000	9500	

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 3 of 13)

Parameter name	Trunk size	140 001-160 000
AIN_NUM_PROCESSING_EXT_BLKs	70 001+	10 000
	0 - 2000	6100
	2001 - 5000	6250
	5001 - 10 000	6500
	10 001 - 20 000	7000
	20 001 - 30 000	7500
	30 001 - 40 000	8000
	40 001 - 50 000	8500
	50 001 - 60 000	9000
	60 001 - 70 000	9500
AIN_NUM_TERM_NOTIF_EXT_BLKs	70 001+	10 000
	0 - 2000	12 200
	2 001 - 5000	12 500
	5 001 - 10 000	13 000
	10 001 - 20 000	14 000
	20 001 - 30 000	15 000
	30 001 - 40 000	16 000
	40 001 - 50 000	17 000
	50 001 - 60 000	18 000
	60 001 - 70 000	19 000
	70 001+	20 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 4 of 13)

Parameter name	Trunk size	140 001-160 000
CFD_EXT_BLOCKS		32 767
CFW_EXT_BLOCKS		32 000
CFZ_EXT_BLOCKS		19 200
CRS_PRU_POOL1_SIZE		2000
CRS_PRU_POOL2_SIZE		
	0 - 2000	63 494
	2001 - 5000	65 144
	5001 - 10 000	67 894
	10 001 - 20 000	73 394
	20 001 - 30 000	78 894
	30 001 - 40 000	84 394
	40 001 - 50 000	89 894
	50 001 - 60 000	95 394
	60 001 - 70 000	100 894
	70 001+	106 394
CRS_PRU_POOL3_SIZE		36 000
CRS_SUBRU_POOL1_SIZE		
	0 - 2000	72 300
	2001 - 5000	72 750
	5001 - 10 000	73 500
	10 001 - 20 000	75 000
	20 001 - 30 000	76 500
	30 001 - 40 000	78 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 5 of 13)

Parameter name	Trunk size	140 001-160 000
CRS_SUBRU_POOL2_SIZE	40 001 - 50 000	79 500
	50 001 - 60 000	81 000
	60 001 - 70 000	82 500
	70 001+	84 000
CRS_SUBRU_POOL3_SIZE	0 - 2000	63 460
	2001 - 5000	64 150
	5001 - 10 000	65 300
	10 001 - 20 000	67 600
	20 001 - 30 000	69 900
	30 001 - 40 000	72 200
	40 001 - 50 000	74 500
	50 001 - 60 000	76 800
	60 001 - 70 000	79 100
	70 001+	81 400
CRS_SUBRU_POOL3_SIZE	0 - 2000	38 900
	2001 - 5000	39 200
	5001 - 10 000	39 700
	10 001 - 20 000	40 700
	20 001 - 30 000	41 700
	30 001 - 40 000	42 700
	40 001 - 50 000	43 700

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 6 of 13)

Parameter name	Trunk size	140 001-160 000
	50 001 - 60 000	44 700
	60 001 - 70 000	45 700
	70 001+	46 700
CRS_SUBRU_POOL4_SIZE		
	0 - 2000	8600
	2001 - 5000	9500
	5001 - 10 000	11 000
	10 001 - 20 000	14 000
	20 001 - 30 000	17 000
	30 001 - 40 000	20 000
	40 001 - 50 000	23 000
	50 001 - 60 000	26 000
	60 001 - 70 000	29 000
	70 001+	32 000
CUS-MER_GROUP_IBNGRP_OM_COUNT		4095
EA_MF_SS7_EXT_BLOCK_COUNT		800
E911_NUMBER_OF_FDBS		1000
KSHUNT_EXT_BLOCKS		500
MAX_CMAP_SESSIONS		5
MAX_NO_OF_TRANS_ID		16 000
MAX_NUM_WIDEBAND_CALLS		500
MAX_SDPOOL_NO		15
MAXNUCS (JNET)		1024

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 7 of 13)

Parameter name	Trunk size	140 001-160 000
MAXNUCS (ENET)		0
MAXSTS		64
NCCBS (JNET)		
	0 - 2000	30 960
	2001 - 5000	32 880
	5001 - 10 000	34 800
	10 001 - 20 000	34 800
	20 001 - 30 000	34 800
	30 001 - 40 000	34 800
	40 001 - 50 000	34 800
	50 001 - 60 000	34 800
	60 001 - 70 000	34 800
	70 001+	34 800
NCCBS (ENET)		
	0 - 2000	34 800
	2001 - 5000	34 800
	5001 - 10 000	34 800
	10 001 - 20 000	49 200
	20 001 - 30 000	49 200
	30 001 - 40 000	63 600
	40 001 - 50 000	63 600
	50 001 - 60 000	63 600
	60 001 - 70 000	63 600



## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 8 of 13)

Parameter name	Trunk size	140 001-160 000
	70 001+	63 600
NO_LOCAL_COIN_EXT_BLKs		256
NO_OCCTS_OM_REGISTERS		2047
NO_OF_CRITICAL_FTR_DATA_BLKs		1000
NO_OF_FTR_CONTROL_BLKs		
	0 - 2000	9484
	2001 - 5000	9634
	5001 - 10 000	9884
	10 001 - 20 000	10 384
	20 001 - 30 000	10 884
	30 001 - 40 000	11 384
	40 001 - 50 000	11 884
	50 001 - 60 000	12 384
	60 001 - 70 000	12 884
	70 001+	13 384
NO_OF_FTR_XLA_BLKs		
	0 - 2000	7600
	2001 - 5000	7750
	5001 - 10 000	8000
	10 001 - 20 000	8500
	20 001 - 30 000	9000
	30 001 - 40 000	9500
	40 001 - 50 000	10 000

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 9 of 13)

Parameter name	Trunk size	140 001-160 000
	50 001 - 60 000	10 500
	60 001 - 70 000	11 000
	70 001+	11 500
NO_OF_HIS_CONTROL_BLKs	0 - 2000	4000
	2001 - 5000	10 000
	5001 - 10 000	20 000
	10 001 - 20 000	40 000
	20 001 - 30 000	60 000
	30 001 - 40 000	80 000
	40 001 - 50 000	100 000
	50 001 - 60 000	120 000
	60 001 - 70 000	140 000
	70 001+	160 000
NO_OF_HIS_DATA_BLKs - X1	0 - 2000	29 000
	2001 - 5000	35 300
	5001 - 10 000	45 800
	10 001 - 20 000	66 800
	20 001 - 30 000	87 800
	30 001 - 40 000	108 800
	40 001 - 50 000	129 800
50 001 - 60 000	150 800	

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 10 of 13)

Parameter name	Trunk size	140 001-160 000
NO_OF_HIS_DATA_BLKs - X2	60 001 - 70 000	171 800
	70 001+	192 800
	0 - 2000	8900
	2001 - 5000	13 250
	5001 - 10 000	20 500
	10 001 - 20 000	35 000
	20 001 - 30 000	49 500
	30 001 - 40 000	64 000
	40 001 - 50 000	78 500
	50 001 - 60 000	93 000
NO_OF_HIS_DATA_BLKs - X3	60 001 - 70 000	107 500
	70 001+	122 000
	0 - 2000	6600
	2001 - 5000	7500
	5001 - 10 000	9000
	10 001 - 20 000	12 000
	20 001 - 30 000	15 000
	30 001 - 40 000	18 000
	40 001 - 50 000	21 000
	50 001 - 60 000	24 000
60 001 - 70 000	27 000	

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 11 of 13)

Parameter name	Trunk size	140 001-160 000
	70 001+	30 000
NO_OF_LARGE_EXT_BLKs		1000
NO_OF_LARGE_FTR_DATA_BLKs		
	0 - 2000	8284
	2001 - 5000	8434
	5001 - 10 000	8684
	10 001 - 20 000	9184
	20 001 - 30 000	9684
	30 001 - 40 000	10 184
	40 001 - 50 000	10 684
	50 001 - 60 000	11 184
	60 001 - 70 000	11 684
	70 001+	12 184
NO_OF_MEDIUM_EXT_BLKs		1000
NO_OF_MEDIUM_FTR_DATA_BLKs		32 767
NO_OF_PVN_EXTBLK		2700
NO_OF_PVN_TERM_EXTBLK		1200
NO_OF_SC_EXT_BLKs		1200
NO_OF_SDS_EXT_BLKs		16 000
NO_OF_SMALL_EXT_BLKs		1000
NO_OF_SMALL_FTR_DATA_BLKs		1200
NO_OF_XLARGE_EXT_BLKs		
	0 - 2000	805

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines

### Table OFCENG (continued)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 12 of 13)

Parameter name	Trunk size	140 001-160 000
	2001 - 5000	813
	5001 - 10 000	825
	10 001 - 20 000	850
	20 001 - 30 000	875
	30 001 - 40 000	900
	40 001 - 50 000	925
	50 001 - 60 000	950
	60 001 - 70 000	975
	70 001+	1000
NO_TFAN_OM_REGISTERS		2047
NOS_QUANTITY_OF_SVCS		15
NUM_ENGR_NWM_TRKGRP_CTRL		255
NUM_IBN_IXLA_EXT_BLOCKS		1000
NUM_OF_NSC_EXT_BLK		2000
NUM_OF_RTEB_EXTBLKS		
	0 - 2000	160
	2001 - 5000	400
	5001 - 10 000	800
	10 001 - 20 000	1600
	20 001 - 30 000	2400
	30 001 - 40 000	3200
	40 001 -50 000	4000
	50 001 - 60 000	4800

## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCENG (end)

Preset office parameter values for table OFCENG line sizes 140 001-160 000 (Sheet 13 of 13)

Parameter name	Trunk size	140 001-160 000
	60 001 - 70 000	5000
	70 001+	5000
NUM_RC_EXT_BLKs		1000
NUMCALLPROCESSES		80
NUMCPWAKE		32 767
NUMIBNCQEXTBLK		3825
NUMOHCQBQTRANSBLKS		1169
NUMPERMEXT		7000
OCCTS_ENHANCED_FEATURE		Y
PSTN_GT_SIZE		10
SLE_ITEMS_IN_SEGMENT		1024
SLE_MAX_SEGMENT_COUNT		2047

**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCOPT**

**Line sizes 1-160 000**

The following table lists the table OFCOPT parameter names and the preset values for line sizes 1-160 000.

**Preset office parameter values for table OFCOPT line sizes 1-160 000 (Sheet 1 of 2)**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
ENET_MAX_CHANNEL_GROUP	3840
MAX_ACDMIS_SESSIONS	5
MAX_MBG_LINES	1000
MAX_NUM_CTX_ASSOC	32 767
MAX_NUM_ECM_ACDEVENT	32 767
MAX_NUM_ECM_CALLINIT	32 767
MAX_NUM_ECM_CTXEVENT	32 767
MAX_NUM_ECM_DNQUERY	32 767
MAX_NUM_ECM_ICCM	32 767
MAX_NUM_ECM_LINE_MAKECALL	32 767
MAX_NUM_ECM_LINE_SCAICC	32 767
MAX_NUM_ECM_LINE_SCAI3WC	32 767
MAX_NUM_ECM_LINE_SCAIMWT	32 767
MAX_NUM_ECM_RESEVENT	32 767
MAX_NUM_ECM_RESOURCE	32 767
MAX_NUM_ECM_ROUTING	32 767
MAX_NUM_ECM_SCAICC	32 767
MAX_NUM_ECM_SCAI3WC	32 767
MAX_NUM_ECM_SCAIMWTI	32 767
MAX_NUM_ECM_SVC	32 767
MAX_NUM_ECM_TPAC	32 767

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**DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines**  
**Table OFCOPT (end)**

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**Preset office parameter values for table OFCOPT line sizes 1-160 000 (Sheet 2 of 2)**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
MAX_NUM_ECM_TPCC	32 767
MAX_NUM_ECM_TPQC	32 767
MAX_NUM_RES_ASSOC	32 767
NA_TOLL_FREE_TYPE	US_SERVICE
TFAN_ENHANCED_FEATURE	Y



## **DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table OFCVAR**

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### **Line sizes 1-160 000**

The following table lists the table OFCVAR parameter names and preset values for line sizes 1-160 000.

#### **Preset office parameter values for table OFCVAR line sizes 1-160 000**

<b>Parameter name</b>	<b>1- 160 000 lines</b>
PER_OPC_LOGDEV_BUFFER_SIZE	22 000

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## DMS-100/200 local/toll switch with 36-100% MDC and ISDN lines Table DATASIZE

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### Line sizes 1-160 000

The following table lists the table DATASIZE parameter names and the preset values for line sizes 1-160 000. The table lists the parameter names according to the trunk size, if the parameter has a trunk size.

#### Preset office parameter values for table DATASIZE line sizes 1-160 000

Parameter name	1-160 000 lines
AIODGRP	255
AIODMEM	255
CLLI	2048
CPOS	64
NWMAOCR	64
NWMPPLN	256
TRKGRP	2048



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## 7 DMS-200 toll switch—U.S. only

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### Organization

This chapter applies to DMS-200 toll switches with preset office parameters.

This chapter divides into modules. A module is present for each of the following office parameter tables, with preset values:

- table OFCENG
- table OFCOPT
- table OFCSTD
- table OFCVAR
- table DATASIZE

Each office parameter module includes five tables grouped according to the number of trunks.

## DMS-200 toll switch

### Table OFCENG

#### Trunk sizes 0-20 000

The following table lists the table OFCENG parameter names and preset values for trunk sizes 0-20 000.

#### Preset office parameter values for table OFCENG trunk sizes 0-20 000 (Sheet 1 of 2)

Parameter name	0-10 000 trunks	10 001-20 000 trunks
AIN_NUM_00_PARA_EXT_BLKs	500	1000
AIN_NUM_01_00_EXT_BLKs	250	500
AIN_NUM_EXT_BLKs	500	1000
AIN_NUM_PROCESSING_EXT_BLKs	500	1500
AIN_NUM_TERM_NOTIF_EXT_BLKs	1000	2000
CRS_PRU_POOL1_SIZE	1000	1000
CRS_PRU_POOL2_SIZE	9000	17 000
CRS_PRU_POOL3_SIZE	100	100
CRS_SUBRU_POOL1_SIZE	1500	3000
CRS_SUBRU_POOL2_SIZE	3300	5600
CRS_SUBRU_POOL3_SIZE	2500	5000
CRS_SUBRU_POOL4_SIZE	6000	11 000
EA_MF_SS7_EXT_BLOCK_COUNT	800	800
MAX_NO_OF_TRANS_ID	16 000	16 000
MAXNUCS (JNET)	1024	1024
MAXNUCS (ENET)	0	0
MAX_NUM_WIDEBAND_CALLS	50	100
MAXSTS	32	32
NCCBS (JNET)	6720	11 520
NCCBS (ENET)	14 400	14 400

## DMS-200 toll switch Table OFCENG (continued)

### Preset office parameter values for table OFCENG trunk sizes 0-20 000 (Sheet 2 of 2)

Parameter name	0-10 000 trunks	10 001-20 000 trunks
NO_OCCTS_OM_REGISTERS	2047	2047
NO_OF_FTR_CONTROL_BLKs	884	1384
NO_OF_FTR_XLA_BLKs	500	1000
NO_OF_HIS_CONTROL_BLKs	10 250	20 500
NO_OF_HIS_DATA_BLKs - X1	21 000	42 000
NO_OF_HIS_DATA_BLKs - X2	14 000	28 000
NO_OF_HIS_DATA_BLKs - X3	3000	6000
NO_OF_LARGE_FTR_DATA_BLKs	884	1384
NO_TFAN_OM_REGISTERS	2047	2047
NOS_QUANTITY_OF_SVCS	15	15
NUM_OF_NSC_EXT_BLK	2000	2000
NUM_OF_RTEB_EXTBLKS	800	1600
NUM_RC_EXT_BLKs	1250	1500
NUMCALLPROCESSES	336	336
NUMCPWAKE	2000	2000
OCCTS_ENHANCED_FEATURE	Y	Y
PSTN_GT_SIZE	10	10

**DMS-200 toll switch****Table OFCENG** (continued)**Trunk sizes 20 001-40 000**

The following table lists the table OFCENG parameter names and preset values for trunk sizes 20 001-40 000.

**Preset office parameter values for table OFCENG trunk sizes 20 001-40 000 (Sheet 1 of 2)**

<b>Parameter name</b>	<b>20 001-30 000 trunks</b>	<b>30 001-40 000 trunks</b>
AIN_NUM_00_PARA_EXT_BLKs	1500	2000
AIN_NUM_01_00_EXT_BLKs	750	1000
AIN_NUM_EXT_BLKs	1500	2000
AIN_NUM_PROCESSING_EXT_BLKs	1500	2000
AIN_NUM_TERM_NOTIF_EXT_BLKs	3000	4000
CRS_PRU_POOL1_SIZE	1000	1000
CRS_PRU_POOL2_SIZE	25 000	33 000
CRS_PRU_POOL3_SIZE	100	100
CRS_SUBRU_POOL1_SIZE	4500	6000
CRS_SUBRU_POOL2_SIZE	7900	10 200
CRS_SUBRU_POOL3_SIZE	7500	10 000
CRS_SUBRU_POOL4_SIZE	16 000	21 000
EA_MF_SS7_EXT_BLOCK_COUNT	800	800
MAX_NO_OF_TRANS_ID	16 000	16 000
MAXNUCS (JNET)	1024	1024
MAXNUCS (ENET)	0	0
MAX_NUM_WIDEBAND_CALLS	150	200
MAXSTS	32	64
NCCBS (JNET)	17 280	22 080
NCCBS (ENET)	28 800	28 800
NO_OCCTS_OM_REGISTERS	2047	2047

## DMS-200 toll switch Table OFCENG (continued)

### Preset office parameter values for table OFCENG trunk sizes 20 001-40 000 (Sheet 2 of 2)

Parameter name	20 001-30 000 trunks	30 001-40 000 trunks
NO_OF_FTR_CONTROL_BLKs	1884	2384
NO_OF_FTR_XLA_BLKs	1500	2000
NO_OF_HIS_CONTROL_BLKs	30 750	41 000
NO_OF_HIS_DATA_BLKs - X1	63 000	84 000
NO_OF_HIS_DATA_BLKs - X2	42 000	56 000
NO_OF_HIS_DATA_BLKs - X3	9000	12 000
NO_OF_LARGE_FTR_DATA_BLKs	1884	2384
NO_TFAN_OM_REGISTERS	2047	2047
NOS_QUANTITY_OF_SVCS	15	15
NUM_OF_NSC_EXT_BLK	2000	2000
NUM_OF_RTEB_EXTBLKS	2400	3200
NUM_RC_EXT_BLKs	1750	2000
NUMCALLPROCESSES	336	336
NUMCPWAKE	2000	2000
OCCTS_ENHANCED_FEATURE	Y	Y
PSTN_GT_SIZE	10	10

### Trunk sizes 40 001-60 000

The following table lists the table OFCENG parameter names and preset values for trunk sizes 40 001-60 000.

### Preset office parameter values for table OFCENG trunk sizes 40 001-60 000 (Sheet 1 of 3)

Parameter name	40 001-50 000 trunks	50 001-60 000 trunks
AIN_NUM_00_PARA_EXT_BLKs	2500	3000
AIN_NUM_01_00_EXT_BLKs	1250	1500



**DMS-200 toll switch****Table OFCENG** (continued)**Preset office parameter values for table OFCENG trunk sizes 40 001-60 000 (Sheet 2 of 3)**

<b>Parameter name</b>	<b>40 001-50 000 trunks</b>	<b>50 001-60 000 trunks</b>
AIN_NUM_EXT_BLKs	2500	3000
AIN_NUM_PROCESSING_EXT_BLKs	2500	3000
AIN_NUM_TERM_NOTIF_EXT_BLKs	5000	6000
CRS_PRU_POOL1_SIZE	2000	2000
CRS_PRU_POOL2_SIZE	41 000	49 000
CRS_PRU_POOL3_SIZE	100	100
CRS_SUBRU_POOL1_SIZE	7500	9000
CRS_SUBRU_POOL2_SIZE	12 500	14 800
CRS_SUBRU_POOL3_SIZE	12 500	15 000
CRS_SUBRU_POOL4_SIZE	27 000	32 000
EA_MF_SS7_EXT_BLOCK_COUNT	800	800
MAX_NO_OF_TRANS_ID	16 000	16 000
MAXNUCS (JNET)	1024	1024
MAXNUCS (ENET)	0	0
MAX_NUM_WIDEBAND_CALLS	250	300
MAXSTS	64	64
NCCBS (JNET)	26 880	28 800
NCCBS (ENET)	28 800	43 200
NO_OCCTS_OM_REGISTERS	2047	2047
NO_OF_FTR_CONTROL_BLKs	2884	3884
NO_OF_FTR_XLA_BLKs	2500	3000
NO_OF_HIS_CONTROL_BLKs	51 250	61 500
NO_OF_HIS_DATA_BLKs - X1	105 000	126 000

## DMS-200 toll switch Table OFCENG (continued)

### Preset office parameter values for table OFCENG trunk sizes 40 001-60 000 (Sheet 3 of 3)

Parameter name	40 001-50 000 trunks	50 001-60 000 trunks
NO_OF_HIS_DATA_BLKs - X2	70 000	84 000
NO_OF_HIS_DATA_BLKs - X3	15 000	18 000
NO_OF_LARGE_FTR_DATA_BLKs	2884	3384
NO_TFAN_OM_REGISTERS	2047	2047
NOS_QUANTITY_OF_SVCS	15	15
NUM_OF_NSC_EXT_BLK	2000	2000
NUM_OF_RTEB_EXTBLKS	4000	4800
NUM_RC_EXT_BLKs	2250	2500
NUMCALLPROCESSES	336	336
NUMCPWAKE	2000	2000
OCCTS_ENHANCED_FEATURE	Y	Y
PSTN_GT_SIZE	10	10

### Trunk sizes 60 001-80 000

The following table lists the table OFCENG parameter names and preset values for trunk sizes 60 001-80 000.

### Preset office parameter values for table OFCENG trunk sizes 60 001-80 000 (Sheet 1 of 3)

Parameter name	60 001-70 000 trunks	70 000-80 000 trunks
AIN_NUM_00_PARA_EXT_BLKs	3500	4000
AIN_NUM_01_00_EXT_BLKs	1750	2000
AIN_NUM_EXT_BLKs	3500	4000
AIN_NUM_PROCESSING_EXT_BLKs	3500	4000
AIN_NUM_TERM_NOTIF_EXT_BLKs	7000	8000
CRS_PRU_POOL1_SIZE	2000	2000

**DMS-200 toll switch**  
**Table OFCENG** (continued)

Preset office parameter values for table OFCENG trunk sizes 60 001-80 000 (Sheet 2 of 3)

Parameter name	60 001-70 000 trunks	70 000-80 000 trunks
CRS_PRU_POOL2_SIZE	57 000	65 000
CRS_PRU_POOL3_SIZE	100	100
CRS_SUBRU_POOL1_SIZE	10 500	12 000
CRS_SUBRU_POOL2_SIZE	17 100	19 400
CRS_SUBRU_POOL3_SIZE	17 500	20 000
CRS_SUBRU_POOL4_SIZE	37 000	42 000
EA_MF_SS7_EXT_BLOCK_COUNT	800	800
MAX_NO_OF_TRANS_ID	16 000	16 000
MAXNUCS (JNET)	1024	1024
MAXNUCS (ENET)	0	0
MAX_NUM_WIDEBAND_CALLS	350	400
MAXSTS	64	64
NCCBS (JNET)	28 800	28 800
NCCBS (ENET)	43 200	43 200
NO_OCCTS_OM_REGISTERS	2047	2047
NO_OF_FTR_CONTROL_BLKs	3884	4384
NO_OF_FTR_XLA_BLKs	3500	4000
NO_OF_HIS_CONTROL_BLKs	71 750	82 000
NO_OF_HIS_DATA_BLKs - X1	147 000	168 000
NO_OF_HIS_DATA_BLKs - X2	98 000	112 000
NO_OF_HIS_DATA_BLKs - X3	21 000	24 000
NO_OF_LARGE_FTR_DATA_BLKs	3384	4384
NO_TFAN_OM_REGISTERS	2047	2047

## DMS-200 toll switch Table OFCENG (continued)

### Preset office parameter values for table OFCENG trunk sizes 60 001-80 000 (Sheet 3 of 3)

Parameter name	60 001-70 000 trunks	70 000-80 000 trunks
NOS_QUANTITY_OF_SVCS	15	15
NUM_OF_NSC_EXT_BLK	2000	2000
NUM_OF_RTEB_EXTBLKS	5000	5000
NUM_RC_EXT_BLKS	2750	3000
NUMCALLPROCESSES	336	336
NUMCPWAKE	2000	2000
OCCTS_ENHANCED_FEATURE	Y	Y
PSTN_GT_SIZE	10	10

### Trunk sizes 80 001 and higher

The following table lists the table OFCENG parameter names and preset values for trunk sizes 80 001 and higher.

### Preset office parameter values for table OFCENG trunk sizes 80 001 and higher (Sheet 1 of 3)

Parameter name	80 001-90 000 trunks	90 001 and higher trunks
AIN_NUM_00_PARA_EXT_BLKS	4000	5000
AIN_NUM_01_00_EXT_BLKS	2250	2500
AIN_NUM_EXT_BLKS	4500	5000
AIN_NUM_PROCESSING_EXT_BLKS	4500	5000
AIN_NUM_TERM_NOTIF_EXT_BLKS	9000	10 000
CRS_PRU_POOL1_SIZE	2000	2000
CRS_PRU_POOL2_SIZE	73 000	81 000
CRS_PRU_POOL3_SIZE	100	100
CRS_SUBRU_POOL1_SIZE	13 500	15 000
CRS_SUBRU_POOL2_SIZE	21 700	24 000

## DMS-200 toll switch

### Table OFCENG (continued)

Preset office parameter values for table OFCENG trunk sizes 80 001 and higher (Sheet 2 of 3)

Parameter name	80 001-90 000 trunks	90 001 and higher trunks
CRS_SUBRU_POOL3_SIZE	22 500	25 000
CRS_SUBRU_POOL4_SIZE	47 000	52 000
EA_MF_SS7_EXT_BLOCK_COUNT	800	800
MAX_NO_OF_TRANS_ID	16 000	16 000
MAXNUCS (JNET)	1024	1024
MAXNUCS (ENET)	0	0
MAX_NUM_WIDEBAND_CALLS	450	500
MAXSTS	64	64
NCCBS (JNET)	28 800	28 800
NCCBS (ENET)	57 600	57 600
NO_OCCTS_OM_REGISTERS	2047	2047
NO_OF_FTR_CONTROL_BLKs	4884	5384
NO_OF_FTR_XLA_BLKs	4500	5000
NO_OF_HIS_CONTROL_BLKs	92 250	102 500
NO_OF_HIS_DATA_BLKs - X1	189 000	210 000
NO_OF_HIS_DATA_BLKs - X2	126 000	140 000
NO_OF_HIS_DATA_BLKs - X3	27 000	30 000
NO_OF_LARGE_FTR_DATA_BLKs	4884	5384
NO_TFAN_OM_REGISTERS	2047	2047
NOS_QUANTITY_OF_SVCS	15	15
NUM_OF_NSC_EXT_BLK	2000	2000
NUM_OF_RTEB_EXTBLKS	5000	5000
NUM_RC_EXT_BLKs	3250	3500

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**DMS-200 toll switch  
Table OFCENG (end)**

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**Preset office parameter values for table OFCENG trunk sizes 80 001 and higher (Sheet 3 of 3)**

<b>Parameter name</b>	<b>80 001-90 000 trunks</b>	<b>90 001 and higher trunks</b>
NUMCALLPROCESSES	336	336
NUMCPWAKE	2000	2000
OCCTS_ENHANCED_FEATURE	Y	Y
PSTN_GT_SIZE	10	10

## **DMS-200 toll switch**

### **Table OFCOPT**

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#### **Trunk sizes 0-90 000 and up**

The following table lists the table OFCOPT parameter names and preset values for trunk sizes 0-90 000 and up.

#### **Preset office parameter values for table OFCOPT trunk sizes 0-90 000 and up**

<b>Parameter name</b>	<b>0-90 000 and up trunks</b>
NA_TOLL_FREE_TYPE	US_SERVICE
TFAN_ENHANCED_FEATURE	Y

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**DMS-200 toll switch  
Table OFCSTD**

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**Trunk sizes 0-90 000 and up**

The following table lists the table OFCSTD parameter names and the preset values for trunk sizes at least 0-90 000.

**Preset office parameter values for table OFCSTD trunk sizes 0-90 000 and up**

<b>Parameter name</b>	<b>0-90 000 and up trunks</b>
MTCBASE_SCPD	2047



## **DMS-200 toll switch**

### **Table OFCVAR**

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#### **Trunk sizes 0-90 000 and up**

The Table OFCVAR parameter lists the following names and preset values for trunk sizes 0-90 000 and up.

#### **Preset office parameter values for Table OFCVAR trunks 0-90 000 and up**

<b>Parameter name</b>	<b>0-90 000 and up trunks</b>
PER_OPC_LOGDEV_BUFFER_SIZE	22 000

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**DMS-200 toll switch  
Table DATASIZE**

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**Trunk sizes 0-90 000 and up**

The Table DATASIZE parameter lists the following names and preset values for trunk sizes 0-90 000 and up.

**Preset office parameter values for Table DATASIZE trunk sizes 0-90 000 and up**

<b>Parameter name</b>	<b>0-90 000 and up trunks</b>
CLLI	2 048
CPOS	64
NWMAOCR	64
NWMPPLN	256
TRKGRP	2 048





DMS-100 Family

## **North American DMS-100**

Office Parameters Reference Manual Volume 3 of 3  
OFCVAR, Preset office parameters

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