



Cisco Media Gateway Controller Measurements

[Table D-1](#) provides a list of the ITU measurements available from the Cisco Media Gateway Controller (MGC) through the Cisco TP-Measurement MIB. The information in parenthesis in the MML Counter Name or Components Generating Group column are the associated hexadecimal component type codes found in the component type data file (compType.dat). The logging intervals in this table are all measured in minutes, with the exception of an interval of 24. A logging interval of 24 indicates a 24 hour time period.

[Table D-2](#) provides a list of the ANSI measurements available from the Cisco MGC.

Table D-1 Supported ITU Measurements

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpTDMIfStatTable—LIF GROUP	Line interface statistics	TDMLnk(x0010) C7IPLnk (x001d)	
LIF: SES, 15/10, 60/30, 24/200	Number of severely errored seconds		15,60,24
LIF: ES	Number of errored seconds		15,60,24
LIF: CODE VIOLATION	Number of code violations		15,60,24
LIF: FRAME SLIP	Number of frame slips		15,60,24
TpTDMLinkStatTable—SC-GROUP	Signaling link statistics	TDMLnk (x0010) (DPNSS/ISDNPRI only)	
SC: XMIT FRM TOT	Total number of frames transmitted		15,60,24
SC: RCV FRM TOT	Total number of frames received		15,60,24
SC: RCV BAD CRC	Number of bad CRCs received		15,60,24
SC: RCV BAD TOT	Total number of bad frames received		15,60,24
CHAN BAD TOT 15/10, 60/30, 24/200	Total number of bad channels		15,60,24
SC: RCV FRMR	Number of bad FRMRs received		15,60,24
SC: RCV RESET	Number of RESETs received		15,60,24
TpTDMAdapterStatTable—DL-GROUP	Data link statistics	Adapter/Card (x0005) (TDM Only)	
DL: RCV UNSOL	Number of unsolicited frames received		15,60,24
DL: RCV SABME	Number of SABMEs received		15,60,24
CHAN LINK EST 15/10, 60/30, 24/200	Number of links established		15,60,24
DL: XMIT T200	Number of T200 expires transmitted		15,60,24
DL: RCV SEQ	Number of bad N(R) frames received		15,60,24

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpTDMAdapterStatTable—DL-GROUP	Data link statistics (continued)	Adapter/Card (x0005) (TDM Only)	
DL: RCV FRMR RESP	Number of bad frame responses		15,60,24
DL: RCV SIZE	Number of bad frame sizes received		15,60,24
DL: RCV SABMR	Number of DPNSS SABMR received		15,60,24
TpAuxSigServiceStatTable—ASP-GROUP	Auxiliary signal path statistics	AuxSignalingPath (000e)	
ASP: XMIT MSG	Number of messages transmitted		15,60,24
ASP: RCV MSG	Number of messages received		15,60,24
ASP: RCV CONN REQ	Number of call initiate messages received		15,60,24
TpSigServiceStatTable—SP-GROUP	Signaling Service statistics	Signaling Services:	
SP: cInit in	Number of call init messages received	FAS(x0007)	15,60,24
SP: cInit out	Number of call init messages sent	SS7/PtCode (x0013)	15,60,24
SP: PDU in	Number of messages received	NAS (x0014)\	15,60,24
SP: PDU out	Number of messages sent	SGCP (x0018)	15,60,24
SP: Blacklist Call Ctr	Number of blacklist calls counter	EISUP (x0019)	15,60,24
MDL BLKLST 15/10, 60/30, 24/200		AVM (X001b)	15,60,24
		VSI (X001c)	15,60,24
		IPFAS (x0034)	15,60,24
		MGCP(x0035)	
TpSS7LinkStatTable—C7LNK-GROUP	SS7 link statistics	LinkSet (x0008)	
C7LNK: RCV SU ERR	Number of signaling units received		30
C7LNK: XMIT SIO TOT	Number of link realignment (SIF/SIO) messages transmitted		30
C7LNK: RCV SIO TOT	Number of link realignment (SIF/SIO) messages received		30
C7LNK: DUR IS	Number of seconds C7 link in-service		30
C7LNK: DUR UNAVAIL	Number of seconds C7 link unavailable		30
C7LNK: MSU DROP-CONG	Number of messages dropped due to congestion		30
TpSS7SigServiceStatTable— C7SP-GROUP	SS7 SignalPath statistics	SS7SigSrvc/PtCode (x0013) AdjPtCode (x001e)	
C7SP: SP DUR UNAVAIL	Number of seconds SP unavailable		5,30
C7SP: XMIT MSU DROP/RTE	Number of transmitted messages dropped due to routing failure		30
TpPRILinkStatTable—PRI-GROUP	ISDN PRI Link statistics	FASSigSrvc (x0007)	
PRI: CHAN MATE UNAVAILABLE	Number of times ISDN PRI link channel mate unavailable		15,60,24

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpISUPSigServiceStatTable— ISUP-GROUP	ISUP Signaling Service Statistics	Dest PtCode (x0013)	
ISUP: XMIT MSG TOT	Number of messages transmitted, total		5,30
ISUP: RCV MSG TOT	Number of messages received, total		5,30
ISUP: XMIT ACM TOT	Number of ACM messages transmitted		5,30
ISUP: RCV ACM TOT	Number of ACM messages received		5,30
ISUP: XMIT ANM TOT	Number of ANM messages transmitted		5,30
ISUP: RCV ANM TOT	Number of ANM messages received		5,30
ISUP: XMIT BLO TOT	Number of BLO messages transmitted		5,30
ISUP: RCV BLO TOT	Number of BLO messages received		5,30
ISUP: XMIT BLA TOT	Number of BLA messages transmitted		5,30
ISUP: RCV BLA TOT	Number of BLA messages received		5,30
ISUP: XMIT CPG TOT	Number of CPG messages transmitted		5,30
ISUP: RCV CPG TOT	Number of CPG messages received		5,30
ISUP: XMIT CGB TOT	Number of CGB messages transmitted		5,30
ISUP: RCV CGB TOT	Number of CGB messages received		5,30
ISUP: XMIT CGBA TOT	Number of CGBA messages transmitted		5,30
ISUP: RCV CGBA TOT	Number of CGBA messages received		5,30
ISUP: XMIT GRS TOT	Number of GRS messages transmitted		5,30
ISUP: RCV GRS TOT	Number of GRS messages received		5,30
ISUP: XMIT GRA TOT	Number of GRA messages transmitted		5,30
ISUP: RCV GRA TOT	Number of GRA messages received		5,30
ISUP: XMIT CGU TOT	Number of CGU messages transmitted		5,30
ISUP: RCV CGU TOT	Number of CGU messages received		5,30
ISUP: XMIT CGUA TOT	Number of CGUA messages transmitted		5,30
ISUP: RCV CGUA TOT	Number of CGUA messages received		5,30
ISUP: XMIT CFN TOT	Number of CFN messages transmitted		5,30
ISUP: RCV CFN TOT	Number of CFN messages received		5,30
ISUP: XMIT CON TOT	Number of CON messages transmitted		5,30
ISUP: RCV CON TOT	Number of CON messages received		5,30
ISUP: XMIT IAM TOT	Number of IAM messages transmitted		5,30
ISUP: RCV IAM TOT	Number of IAM messages received		5,30
ISUP: XMIT INF TOT	Number of INF messages transmitted		5,30
ISUP: RCV INF TOT	Number of INF messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpISUPSigServiceStatTable— ISUP-GROUP (continued)	ISUP Signaling Service Statistics (continued)	Dest PtCode (x0013)	
ISUP: XMIT INR TOT	Number of INR messages transmitted		5,30
ISUP: RCV INR TOT	Number of INR messages received		5,30
ISUP: XMIT REL TOT	Number of REL messages transmitted		5,30
ISUP: RCV REL TOT	Number of REL messages received		5,30
ISUP: XMIT RLC TOT	Number of RLC messages transmitted		5,30
ISUP: RCV RLC TOT	Number of RLC messages received		5,30
ISUP: XMIT RSC TOT	Number of RSC messages transmitted		5,30
ISUP: RCV RSC TOT	Number of RSC messages received		5,30
ISUP: XMIT RES TOT	Number of RES messages transmitted		5,30
ISUP: RCV RES TOT	Number of RES messages received		5,30
ISUP: XMIT SAM TOT	Number of SAM messages transmitted		5,30
ISUP: RCV SAM TOT	Number of SAM messages received		5,30
ISUP: XMIT SUS TOT	Number of SUS messages transmitted		5,30
ISUP: RCV SUS TOT	Number of SUS messages received		5,30
ISUP: XMIT UBL TOT	Number of UBL messages transmitted		5,30
ISUP: RCV UBL TOT	Number of UBL messages received		5,30
ISUP: XMIT UBA TOT	Number of UBA messages transmitted		5,30
ISUP: RCV UBA TOT	Number of UBA messages received		5,30
ISUP: XMIT USR TOT	Number of USR messages transmitted		5,30
ISUP: RCV USR TOT	Number of USR messages received		5,30
ISUP: XMIT CCR TOT	Number of CCR messages transmitted		5,30
ISUP: RCV CCR TOT	Number of CCR messages received		5,30
ISUP: XMIT COT TOT	Number of COT messages transmitted		5,30
ISUP: RCV COT TOT	Number of COT messages received		5,30
ISUP: XMIT CQM TOT	Number of CQM messages transmitted		5,30
ISUP: RCV CQM TOT	Number of CQM messages received		5,30
ISUP: XMIT CQR TOT	Number of CQR messages transmitted		5,30
ISUP: RCV CQR TOT	Number of CQR messages received		5,30
ISUP: XMIT CRA TOT	Number of CRA messages transmitted		5,30
ISUP: RCV CRA TOT	Number of CRA messages received		5,30
ISUP: XMIT CRM TOT	Number of CRM messages transmitted		5,30
ISUP: RCV CRM TOT	Number of CRM messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpISUPSigServiceStatTable— ISUP-GROUP (continued)	ISUP Signaling Service Statistics (continued)	Dest PtCode (x0013)	
ISUP: XMIT CVR TOT	Number of CVR messages transmitted		5,30
ISUP: RCV CVR TOT	Number of CVR messages received		5,30
ISUP: XMIT CVT TOT	Number of CVT messages transmitted		5,30
ISUP: RCV CVT TOT	Number of CVT messages received		5,30
ISUP: XMIT EXM TOT	Number of EXM messages transmitted		5,30
ISUP: RCV EXM TOT	Number of EXM messages received		5,30
ISUP: XMIT FAC TOT	Number of FAC messages transmitted		5,30
ISUP: RCV FAC TOT	Number of FAC messages received		5,30
ISUP: XMIT FOT TOT	Number of FOT messages transmitted		5,30
ISUP: RCV FOT TOT	Number of FOT messages received		5,30
ISUP: XMIT LPA TOT	Number of LPA messages transmitted		5,30
ISUP: RCV LPA TOT	Number of LPA messages received		5,30
ISUP: XMIT PAM TOT	Number of PAM messages transmitted		5,30
ISUP: RCV PAM TOT	Number of PAM messages received		5,30
ISUP: XMIT UCIC TOT	Number of UCIC messages transmitted		5,30
ISUP: RCV UCIC TOT	Number of UCIC messages received		5,30
ISUP: XMIT FAA TOT	Number of FAA messages transmitted		5,30
ISUP: RCV FAA TOT	Number of FAA messages received		5,30
ISUP: XMIT FAD TOT	Number of FAD messages transmitted		5,30
ISUP: RCV FAD TOT	Number of FAD messages received		5,30
ISUP: XMIT FAR TOT	Number of FAR messages transmitted		5,30
ISUP: RCV FAR TOT	Number of FAR messages received		5,30
ISUP: XMIT FRJ TOT	Number of FRJ messages transmitted		5,30
ISUP: RCV FRJ TOT	Number of FRJ messages received		5,30
ISUP: XMIT SGM TOT	Number of SGM messages transmitted		5,30
ISUP: RCV SGM TOT	Number of SGM messages received		5,30
ISUP: XMIT MPM TOT	Number of MPM messages transmitted		5,30
ISUP: RCV MPM TOT	Number of MPM messages received		5,30
ISUP: ABN REL TOT	Number of abnormal clear messages received		5,30
ISUP: UNEX MSG TOT	Number of unexpected messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpISUPSigServiceStatTable— ISUP-GROUP (continued)	ISUP Signaling Service Statistics (continued)	Dest PtCode (x0013)	
ISUP: UNREC MSG TOT	Number of unrecognized messages received		5,30
ISUP: CHAN MATE UNAVAILABLE	Number of Channel Mate Unavailable messages received		5,30
TpTUPSigServiceStatTable— TUP-GROUP	Telephone User Part statistics	Dest PtCode (x0013)	
TUP: XMIT MSG TOT	Number of messages transmitted, total		5,30
TUP: RCV MSG TOT	Number of messages received, total		5,30
TUP: XMIT ACB TOT	Number of ACB messages transmitted		5,30
TUP: RCV ACB TOT	Number of ACB messages received		5,30
TUP: XMIT ACC TOT	Number of ACC messages transmitted		5,30
TUP: RCV ACC TOT	Number of ACC messages received		5,30
TUP: XMIT ACM TOT	Number of ACM messages transmitted		5,30
TUP: RCV ACM TOT	Number of ACM messages received		5,30
TUP: XMIT CBK TOT	Number of CBK messages transmitted		5,30
TUP: RCV CBK TOT	Number of CBK messages received		5,30
TUP: XMIT CCF TOT	Number of CCF messages transmitted		5,30
TUP: RCV CCF TOT	Number of CCF messages received		5,30
TUP: XMIT CCL TOT	Number of CCL messages transmitted		5,30
TUP: RCV CCL TOT	Number of CCL messages received		5,30
TUP: XMIT CCR TOT	Number of CCR messages transmitted		5,30
TUP: RCV CCR TOT	Number of CCR messages received		5,30
TUP: XMIT CFL TOT	Number of CFL messages transmitted		5,30
TUP: RCV CFL TOT	Number of CFL messages received		5,30
TUP: XMIT CGC TOT	Number of CGC messages transmitted		5,30
TUP: RCV CGC TOT	Number of CGC messages received		5,30
TUP: XMIT CHG TOT	Number of CHG messages transmitted		5,30
TUP: RCV CHG TOT	Number of CHG messages received		5,30
TUP: XMIT COT TOT	Number of COT messages transmitted		5,30
TUP: RCV COT TOT	Number of COT messages received		5,30
TUP: XMIT DPN TOT	Number of DPN messages transmitted		5,30
TUP: RCV DPN TOT	Number of DPN messages received		5,30
TUP: XMIT EUM TOT	Number of EUM messages transmitted		5,30
TUP: RCV EUM TOT	Number of EUM messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpTUPSigServiceStatTable— TUP-GROUP (continued)	Telephone User Part statistics (continued)	Dest PtCode (x0013)	
TUP: XMIT FOT TOT	Number of FOT messages transmitted		5,30
TUP: RCV FOT TOT	Number of FOT messages received		5,30
TUP: XMIT GRA TOT	Number of GRA messages transmitted		5,30
TUP: RCV GRA TOT	Number of GRA messages received		5,30
TUP: XMIT GRQ TOT	Number of GRQ messages transmitted		5,30
TUP: RCV GRQ TOT	Number of GRQ messages received		5,30
TUP: XMIT GRS TOT	Number of GRS messages transmitted		5,30
TUP: RCV GRS TOT	Number of GRS messages received		5,30
TUP: XMIT GSM TOT	Number of GSM messages transmitted		5,30
TUP: RCV GSM TOT	Number of GSM messages received		5,30
TUP: XMIT HBA TOT	Number of HBA messages transmitted		5,30
TUP: RCV HBA TOT	Number of HBA messages received		5,30
TUP: XMIT HGB TOT	Number of HGB messages transmitted		5,30
TUP: RCV HGB TOT	Number of HGB messages received		5,30
TUP: XMIT HGU TOT	Number of HGU messages transmitted		5,30
TUP: RCV HGU TOT	Number of HGU messages received		5,30
TUP: XMIT HUA TOT	Number of HUA messages transmitted		5,30
TUP: RCV HUA TOT	Number of HUA messages received		5,30
TUP: XMIT IAI TOT	Number of IAI messages transmitted		5,30
TUP: RCV IAI TOT	Number of IAI messages received		5,30
TUP: XMIT IAM TOT	Number of IAM messages transmitted		5,30
TUP: RCV IAM TOT	Number of IAM messages received		5,30
TUP: XMIT LOS TOT	Number of LOS messages transmitted		5,30
TUP: RCV LOS TOT	Number of LOS messages received		5,30
TUP: XMIT MAL TOT	Number of MAL messages transmitted		5,30
TUP: RCV MAL TOT	Number of MAL messages received		5,30
TUP: XMIT MBA TOT	Number of MBA messages transmitted		5,30
TUP: RCV MBA TOT	Number of MBA messages received		5,30
TUP: XMIT MGB TOT	Number of MGB messages transmitted		5,30
TUP: RCV MGB TOT	Number of MGB messages received		5,30
TUP: XMIT MGU TOT	Number of MGU messages transmitted		5,30
TUP: RCV MGU TOT	Number of MGU messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpTUPSigServiceStatTable— TUP-GROUP (continued)	Telephone User Part statistics (continued)	Dest PtCode (x0013)	
TUP: XMIT MPM TOT	Number of MPM messages transmitted		5,30
TUP: RCV MPM TOT	Number of MPM messages received		5,30
TUP: XMIT MUA TOT	Number of MUA messages transmitted		5,30
TUP: RCV MUA TOT	Number of MUA messages received		5,30
TUP: XMIT NNC TOT	Number of NCC messages transmitted		5,30
TUP: RCV NNC TOT	Number of NCC messages received		5,30
TUP: XMIT OPR TOT	Number of OPR messages transmitted		5,30
TUP: RCV OPR TOT	Number of OPR messages received		5,30
TUP: XMIT RAN TOT	Number of RAN messages transmitted		5,30
TUP: RCV RAN TOT	Number of RAN messages received		5,30
TUP: XMIT RLG TOT	Number of RLG messages transmitted		5,30
TUP: RCV RLG TOT	Number of RLG messages received		5,30
TUP: XMIT RSC TOT	Number of RSC messages transmitted		5,30
TUP: RCV RSC TOT	Number of RSC messages received		5,30
TUP: XMIT SAM TOT	Number of SAM messages transmitted		5,30
TUP: RCV SAM TOT	Number of SAM messages received		5,30
TUP: XMIT SAO TOT	Number of SAO messages transmitted		5,30
TUP: RCV SAO TOT	Number of SAO messages received		5,30
TUP: XMIT SBA TOT	Number of SBA messages transmitted		5,30
TUP: RCV SBA TOT	Number of SBA messages received		5,30
TUP: XMIT SEC TOT	Number of SEC messages transmitted		5,30
TUP: RCV SEC TOT	Number of SEC messages received		5,30
TUP: XMIT SGB TOT	Number of SGB messages transmitted		5,30
TUP: RCV SGB TOT	Number of SGB messages received		5,30
TUP: XMIT SGU TOT	Number of SGU messages transmitted		5,30
TUP: RCV SGU TOT	Number of SGU messages received		5,30
TUP: XMIT SLB TOT	Number of SLB messages transmitted		5,30
TUP: RCV SLB TOT	Number of SLB messages received		5,30
TUP: XMIT SSB TOT	Number of SSB messages transmitted		5,30
TUP: RCV SSB TOT	Number of SSB messages received		5,30
TUP: XMIT SST TOT	Number of SST messages transmitted		5,30
TUP: RCV SST TOT	Number of SST messages received		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpTUPSigServiceStatTable— TUP-GROUP (continued)	Telephone User Part statistics (continued)	Dest PtCode (x0013)	
TUP: XMIT STB TOT	Number of STB messages transmitted		5,30
TUP: RCV STB TOT	Number of STB messages received		5,30
TUP: XMIT SUA TOT	Number of SUA messages transmitted		5,30
TUP: RCV SUA TOT	Number of SUA messages received		5,30
TUP: XMIT UBA TOT	Number of UBA messages transmitted		5,30
TUP: RCV UBA TOT	Number of UBA messages received		5,30
TUP: XMIT UBL TOT	Number of UBL messages transmitted		5,30
TUP: RCV UBL TOT	Number of UBL messages received		5,30
TUP: XMIT UNN TOT	Number of UNN messages transmitted		5,30
TUP: RCV UNN TOT	Number of UNN messages received		5,30
TUP: ABN REL TOT	Number of abnormal clear messages received		5,30
TUP: UNEXP MSG TOT	Number of unexpected messages received		5,30
TUP: UNREC MSG TOT	Number of unrecognized messages received		5,30
TUP: CHAN MATE UNAVAILABLE	Number of Channel Mate Unavailable messages received		5,30
TpNUPSigServiceStatTable— NUP-GROUP	National User Part Statistics	Dest PtCode (x0013)	
NUP: XMIT MSG TOT	Number of messages transmitted, total		5,30
NUP: RCV MSG TOT	Number of messages received, total		5,30
NUP: UNEX MSG TOT	Number of unexpected messages received		5,30
TpOVLStatTable—OVL-GROUP	OverLoad Statistics	MGC NE (x0001)	
OVL: LVL1 Duration	Number of minutes in level 1 overload condition		15,60,24
OVL: LVL2 Duration	Number of minutes in level 2 overload condition		15,60,24
OVL: LVL3 Duration	Number of minutes in level 3 overload condition		15,60,24
OVL: Call Failure	Number of calls rejected due to overload condition (measurement is removed as of release 7.4(11))		15,60,24

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
TpSystemStatTable—STATE-GROUP	User Defined Statistics	MGC NE (x0001)	
STATE: CDB ReCord Xmit	Number of CDBs transmitted		15,60,24
STATE: User Count1	User defined count 1		15,60,24
STATE: User Count2	User defined count 2		15,60,24
STATE: User Count3	User defined count 3		15,60,24
STATE: User Count4	User defined count 4		15,60,24
STATE: User Count5	User defined count 5		15,60,24
STATE: User Count6	User defined count 6		15,60,24
STATE: User Count7	User defined count 7		15,60,24
STATE: User Count8	User defined count 8		15,60,24
STATE:User Count 9	User defined count 9		15,60,24
STATE: User Count10	User defined count 10		15,60,24
STATE: User Count11	User defined count 11		15,60,24
STATE: User Count12	User defined count 12		15,60,24
STATE: User Count13	User defined count 13		15,60,24
STATE: User Count14	User defined count 14		15,60,24
STATE: User Count15	User defined count 15		15,60,24
STATE: User Count16	User defined count 16		15,60,24
STATE: User Count17	User defined count 17		15,60,24
STATE: User Count18	User defined count 18		15,60,24
STATE: User Count19	User defined count 19		15,60,24
STATE: User Count20	User defined count 20		15,60,24
STATE: User Count21	User defined count 21		15,60,24
STATE: User Count22	User defined count 22		15,60,24
STATE: User Count23	User defined count 23		15,60,24
STATE: User Count24	User defined count 24		15,60,24
STATE: User Count25	User defined count 25		15,60,24

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
tpTCAPStatTable—TCAP-GROUP	Transaction Capabilities Application Part statistics	MGC NE (x0001)	
TCAP: MSG XMIT	Total number of messages transmitted		5,30
TCAP: QWP XMIT	Number of Query with permission messages transmitted		5,30
TCAP: RSP XMIT	Number of Response messages transmitted		5,30
TCAP: UNI XMIT	Number of Unidirectional messages transmitted		5,30
TCAP: ABT XMIT	Number of Abort messages transmitted		5,30
TCAP: MSG RCV	Total number of messages received		5,30
TCAP: QWP RCV	Number of Query with permission messages received		5,30
TCAP: RSP RCV	Number of Response messages received		5,30
TCAP: UNI RCV	Number of Unidirectional messages received		5,30
TCAP: ABT RCV	Number of Abort messages received		5,30
TCAP: MSG DROP	Number of messages dropped		5,30
TCAP: MSG UNREC	Number of unrecognized messages received		5,30
TCAP: BEGIN XMIT	Number of Begin messages transmitted. This measurement is valid only for ETSI and ITU TCAP.		5,30
TCAP: BEGIN RCV	Number of Begin messages received. This measurement is valid only for ETSI and ITU TCAP.		5,30
TCAP: END XMIT	Number of End messages transmitted. This measurement is valid only for ETSI and ITU TCAP.		5,30
TCAP: END RCV	Number of End messages received. This measurement is valid only for ETSI and ITU TCAP.		5,30
TCAP: CONTINUE XMIT	Number of Continue messages transmitted. This measurement is valid only for ETSI and ITU TCAP.		5,30
TCAP: CONTINUE RCV	Number of Continue messages received. This measurement is valid only for ETSI and ITU TCAP.		5,30

Table D-1 Supported ITU Measurements (continued)

MIB Table Name— MML Counter Group:Name	Description	MML Counter Name or Components Generating Gp	Logging Interval
tpTCAPStatTable—TCAP-GROUP (continued)	Transaction Capabilities Application Part statistics (continued)	MGC NE (x0001)	
TCAP: CONV XMIT	Number of Conversation messages transmitted. This measurement is valid only for ANSI TCAP.		5,30
TCAP: CONV RCV	Number of Conversation messages received. This measurement is valid only for ANSI TCAP.		5,30
TpCALLStatTable—CALL-GROUP (new as of release 7.4(11))	Call Statistics	MGC NE (x0001)	
CALL: SuccCall TOT	Number successful calls		15,60,24
CALL: FailCall TOT	Number failed calls		15,60,24
CALL: RUFailCall TOT	Number of failed calls due to a resource being unavailable		15,60,24
CALL: ORFailCall TOT	Number of failed calls due to other reasons		15,60,24
CALL: OLFailCall TOT	Number of calls rejected due to overload condition		15,60,24
tpSCCPStatTable—SCCP-GROUP	Signaling Connection Control Part statistics	MGC NE (x0001)	
SCCP:ROUTING FAILURE	Total number of routing failures		5,30
SCCP: UDT XMIT	Number of unit data messages transmitted		5,30
SCCP: UDTS XMIT	Number of unit data service messages transmitted		5,30
SCCP: UDT RCV	Number of unit data messages received		5,30
SCCP: UDTS RCV	Number of unit data service messages received		5,30
SCCP: TOTAL MSG	Total number of messages handled		5,30

ANSI ISUP Measurements

Table D-2 provides a list of the ANSI ISDN User Part (ISUP) measurements available from the Cisco Media Gateway Controller.

Table D-2 Supported ANSI ISUP Measurements

ANSI Measurement Name	MML Counter Group:Name	Description
CountSentMessages	ISUP: XMIT MSG TOT	count of every message sent
CountReceivedMessages	ISUP: RCV MSG TOT	count of every message received
CountSentACM	ISUP: XMIT ACM TOT	count of every Address Complete Message (ACM) received
CountReceivedACM	ISUP: RCV ACM TOT	count of every ACM sent
CountSentANM	ISUP: XMIT ANM TOT	count of every Answer Message (ANM) received
CountReceivedANM	ISUP: RCV ANM TOT	count of every ANM sent
CountSentBLO	ISUP: XMIT BLO TOT	count of every Blocking (BLO) message received
CountReceivedBLO	ISUP: RCV BLO TOT	count of every BLO message sent
CountSentBLA	ISUP: XMIT BLA TOT	count of every Blocking Acknowledgement (BLA) message received
CountReceivedBLA	ISUP: RCV BLA TOT	count of every BLA message sent
CountSentCCR	ISUP: XMIT CCR TOT	count of every Current Cell Rate (CCR) message received
CountReceivedCCR	ISUP: RCV CCR TOT	count of every CCR message sent
CountSentCFN	ISUP: XMIT CFN TOT	count of every Confusion (CFN) message received
CountReceivedCFN	ISUP: RCV CFN TOT	count of every CFN message sent
CountSentCGB	ISUP: XMIT CGB TOT	count of every Circuit Group Blocking (CGB) message received
CountReceivedCGB	ISUP: RCV CGB TOT	count of every CGB message sent
CountSentCGBA	ISUP: XMIT CGBA TOT	count of every Circuit Group Blocking Acknowledgement (CGBA) message received
CountReceivedCGBA	ISUP: RCV CGBA TOT	count of every CGBA message sent
CountSentCGU	ISUP: XMIT CGU TOT	count of every Circuit Group Unblocking (CGU) message received
CountReceivedCGU	ISUP: RCV CGU TOT	count of every CGU message sent

Table D-2 Supported ANSI ISUP Measurements (continued)

ANSI Measurement Name	MML Counter Group:Name	Description
CountSentCGUA	ISUP: XMIT CGUA TOT	count of every Circuit Group Unblocking Acknowledgement (CGUA) message received
CountReceivedCGUA	ISUP: RCV CGUA TOT	count of every CGUA sent
CountSentCOT	ISUP: XMIT COT TOT	count of every Continuity Check (COT) message received
CountReceivedCOT	ISUP: RCV COT TOT	count of every COT message sent
CountSentCPG	ISUP: XMIT CPG TOT	count of every Call Progress (CPG) message received
CountReceivedCPG	ISUP: RCV CPG TOT	count of every CPG message sent
CountSentCQM	ISUP: XMIT CQM TOT	count of every Circuit Group Query Message (CQM) received
CountReceivedCQM	ISUP: RCV CQM TOT	count of every CQM sent
CountSentCQR	ISUP: XMIT CQR TOT	count of every Circuit Group Query Response (CQR) message received
CountReceivedCQR	ISUP: RCV CQR TOT	count of every CQR message sent
CountSentCRA	ISUP: XMIT CRA TOT	count of every Circuit Reservation Acknowledgement (CRA) message received
CountReceivedCRA	ISUP: RCV CRA TOT	count of every CRA message sent
CountSentCRM	ISUP: XMIT CRM TOT	count of every Cell Rate Margin (CRM) message received
CountReceivedCRM	ISUP: RCV CRM TOT	count of every CRM message sent
CountSentCVR	ISUP: XMIT CVR TOT	count of every Circuit Validation Response (CVR) message received
CountReceivedCVR	ISUP: RCV CVR TOT	count of every CVR message sent
CountSentCVT	ISUP: XMIT CVT TOT	count of every Circuit Validation Test (CVT) message received
CountReceivedCVT	ISUP: RCV CVT TOT	count of every CVT message sent
CountSentEXM	ISUP: XMIT EXM TOT	count of every Exit Message (EXM) received
CountReceivedEXM	ISUP: RCV EXM TOT	count of every EXM sent
CountSentFAC	ISUP: XMIT FAC TOT	count of every Facility (FAC) message received
CountReceivedFAC	ISUP: RCV FAC TOT	count of every FAC message sent

Table D-2 Supported ANSI ISUP Measurements (continued)

ANSI Measurement Name	MML Counter Group:Name	Description
CountSentFOT	ISUP: XMIT FOT TOT	count of every Forward Transfer (FOT) message received
CountReceivedFOT	ISUP: RCV FOT TOT	count of every FOT message sent
CountSentGRS	ISUP: XMIT GRS TOT	count of every Circuit Group Reset (GRS) message received
CountReceivedGRS	ISUP: RCV GRS TOT	count of every GRS message sent
CountSentGRA	ISUP: XMIT GRA TOT	count of every Circuit Group Reset Acknowledgment (GRA) message received
CountReceivedGRA	ISUP: RCV GRA TOT	count of every GRA message sent
CountSentIAM	ISUP: XMIT IAM TOT	count of every Initial Address Message (IAM) received
CountReceivedIAM	ISUP: RCV IAM TOT	count of every IAM sent
CountSentINF	ISUP: XMIT INF TOT	count of every INF received
CountReceivedINF	ISUP: RCV INF TOT	count of every INF sent
CountSentINR	ISUP: XMIT INR TOT	count of every INR received
CountReceivedINR	ISUP: RCV INR TOT	count of every INR sent
CountSentLPA	ISUP: XMIT LPA TOT	count of every Loop Back Acknowledgement (LPA) message received
CountReceivedLPA	ISUP: RCV LPA TOT	count of every LPA message sent
CountSentPAM	ISUP: XMIT PAM TOT	count of every Pass Along Message (PAM) received
CountReceivedPAM	ISUP: RCV PAM TOT	count of every PAM sent
CountSentREL	ISUP: XMIT REL TOT	count of every Release (REL) message received
CountReceivedREL	ISUP: RCV REL TOT	count of every REL message sent
CountSentRLC	ISUP: XMIT RLC TOT	count of every Release Complete (RLC) received
CountReceivedRLC	ISUP: RCV RLC TOT	count of every RLC message sent
CountSentRSC	ISUP: XMIT RSC TOT	count of every Reset Circuit (RSC) message received
CountReceivedRSC	ISUP: RCV RSC TOT	count of every RSC message sent
CountSentRES	ISUP: XMIT RES TOT	count of every Resume (RES) message received
CountReceivedRES	ISUP: RCV RES TOT	count of every RES message sent
CountSentSUS	ISUP: XMIT SUS TOT	count of every Suspend (SUS) message received
CountReceivedSUS	ISUP: RCV SUS TOT	count of every SUS message sent

Table D-2 Supported ANSI ISUP Measurements (continued)

ANSI Measurement Name	MML Counter Group:Name	Description
CountSentUBL	ISUP: XMIT UBL TOT	count of every Unblocking (UBL) message received
CountReceivedUBL	ISUP: RCV UBL TOT	count of every UBL message sent
CountSentUBA	ISUP: XMIT UBA TOT	count of every Unblocking Acknowledgement (UBA) message received
CountReceivedUBA	ISUP: RCV UBA TOT	count of every UBA message received
CountSentUCIC	ISUP: XMIT UCIC TOT	count of every Unequipped Carrier Identification Code (UCIC) message sent
CountReceivedUCIC	ISUP: RCV UCIC TOT	count of every UCIC message received
CountSentUSR	ISUP: XMIT USR TOT	count of every User-to-User Information (USR) message sent
CountReceivedUSR	ISUP: RCV USR TOT	count of every USR message received
CountAbnormalReleases	ISUP: ABN REL TOT	count of release messages not normal clearing
CountUnexpectedMsg	ISUP: UNEX MSG TOT	count of unexpected messages
CountUnrecognizedMsg	ISUP: UNREC MSG TOT	count of unrecognized messages
CountMatedChanUnavailable	ISUP: CHAN MATE UNAVAILABLE	count of when B mate not there