Tivoli. Netcool® Performance Manager for Wireless

UMTS Ericsson MGW R5.1 Functional Specification

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This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

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1 Change History

Issue	Date	Author	Comments
1.0	27 March 2009	IBM	Final Release Build 1
2.0	10 April 2009	IBM	Final Release Build 2
3.0	04 February 2010	IBM	Final Release Fixpack 1 (3.0.0.1)

2 Outstanding Issues

Number	Date	Description	Planned Resolution
N/A			

3 Prerequisites

This section lists the Tech Pack modules that the current Tech Pack is dependent on.

- Neutral Core GOM
- Neutral GPRS BSS GOM
- Neutral GPRS/UMTS CN GOM
- Neutral GSM BSS/NSS GOM
- Neutral UMTS UTRAN GOM
- ERI GOMlet
- PGM GOMlet
- VNL GOMlet

4 Network Model

This section describes the network objects (logical and physical) that are referenced in this technology pack module's data model.

4.1 AAL1_Tp_Vcc_Tp

ATM adaption layer 1 Virtual channel termination point

Attribute Name	Description	Type	Related Object
AAL1_Tp_Vcc_Tp_Id	A unique identifier for the AAL1 interworking function in a circuit emulation in a UTRAN network.	STRING	
AAL1_Tp_Vcc_Tp_Name	A user friendly name preferably unique for the AAL1 TP VCC TP.	STRING	
Region_Id	Region associated with the AAL1 Tp Vcc Tp.	STRING	Region
Network_Id	Network associated with the AAL1 TP VCC TP.	STRING	Network
RNC_Id	Identifier of the RNC	STRING	RNC
NodeB_Id	Identifier of the NodeB	STRING	NodeB
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Version	Hardware/Software version of the AAL1 TP VCC TP.	STRING	
Vendor	Manufacturer of the AAL1_Tp_Vcc_Tp	STRING	

4.2 AAL2_Access_Point

Access Point for the ATM Adaption Layer 2

Attribute Name	Description	Type	Related Object
AAL2_AP_Id	A unique string supplied by the Gateway in all AAl2 Access Point performance data	STRING	
AAL2_AP_Name	A user-friendly name for a AAL2 Access Point	STRING	
AAL2_SP_Id	AAL2 signalling point id relating to this access point	STRING	AAL2_Signalling_Point
Region_Id	Region identifier	STRING	Region
Network_Id	The Network identifier	STRING	Network
RNC_Id	Identifier of the RNC	STRING	RNC
NodeB_Id	Identifier of the NodeB	STRING	NodeB
AAL2_AP_Type	The type of this Access Point	STRING	
Node_Id	The identifier of the Node associated with AAL2_Access_Point.	STRING	
Node_Type	The type of node to which this AAL2 Access Point is connected	STRING	
Node_Name	The name of the node associated with the AAL2 Access Point	STRING	
Version	The equipment version	STRING	
Technology	The technology associated with this aal2 access point (e.g. 'GPRS', 'UMTS' etc)	STRING	
Vendor	Manufacturer of the AAL2_Access_Point	STRING	

4.3 AAL2_Signalling_Point

Signalling point for the ATM Adaption Layer 2

Attribute Name	Description	Type	Related Object
AAL2_SP_Id	Identifier of the AAL2 Signalling Point	STRING	
AAL2_SP_Name	Meaningful name for the AAL2 Signalling Point	STRING	
Region_Id	The Region associated with the AAL2 Signallink Point	STRING	Region
Network_Id	Network associated with the AAL2 Signallink Point.	STRING	Network
RNC_Id	Identifier of the RNC.	STRING	RNC
NodeB_Id	Identifier of the NodeB.	STRING	NodeB
Node_Id	The identifier of the Node associated with AAL2 Signalling Point	STRING	
Node_Type_Id	The type of the Node associated with the AAL2 Signallink Point (e.g. MGW, RNC).	STRING	
Node_Name	The name of the Node associated with the AAL2 Signallink Point.	STRING	
Version	Hardware/Software version of the AAL2 / Node.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the AAL2_Signalling_Point	STRING	

4.4 AAL2PathVccTp

ATM adaption layer 2 virtual channel termination point

Attribute Name	Description	Type	Related Object
AAL2PathVccTp_Id	A unique identifier for the AAL2PathVccTp	STRING	
AAL2PathVccTp_Name	The user friendly name for the object	STRING	
Region_Id	The region associated with the object	STRING	Region
Network_id	Network identifier	STRING	Network
MGW_Id	mgw_id	STRING	MGW

Version	The hardware/software version of the object	STRING	
Vendor	Manufacturer of the AAL2PathVccTp	STRING	

4.5 AAL5_Tp_Vcc_Tp

ATM adaption layer 5 virtual channel termination point

Attribute Name	Description	Type	Related Object
AAL5_Tp_Vcc_Tp_Id	A unique identifier for the AAL5 virtual circuit in a UTRAN network.	STRING	
AAL5_Tp_Vcc_Tp_Name	A user friendly name for the object.	STRING	
Region_Id	Region associated with AAL5 Tp Vcc Tp.	STRING	Region
Network_Id	Network associated with the AAL5 TP VCC TP.	STRING	Network
RNC_Id	Identifier of the RNC.	STRING	RNC
NodeB_Id	Identifier of the NodeB.	STRING	NodeB
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Version	Hardware/Software version of the AAL5 TP VCC TP / Node	STRING	
Vendor	Manufacturer of the AAL5_Tp_Vcc_Tp	STRING	

4.6 ATM_Port

The logical interface used by Asynchronous Transmission Mode technology.

Attribute Name	Description	Type	Related Object
ATM_Port_Id	A unique identifier for the ATM Port.	STRING	
ATM_Port_Name	A user friendly name preferably unique for the ATM Port.	STRING	
Network_Id	Network associated with the ATM Port.	STRING	Network
Region_Id	Region associated with the ATM Port.	STRING	Region
ATM_Port_Type	Type of ATM Port.	STRING	
ATM_Port_Version	Hardware/Software version of the ATM Port.	STRING	
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name peferably unique for the Node.	STRING	
Node_Type	Type of the Node.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the ATM_Port	STRING	

4.7 AtmTrafficDescriptor

Traffic and QoS parameters for virtual channel connections.

Attribute Name	Description	Type	Related Object
AtmTraffic_Descriptor_Id	A unique identifier for the AtmTraffic_Descriptor	STRING	
AtmTraffic_Descriptor_Name	A user-friendly name preferably unique for the AtmTraffic_Descriptor	STRING	
Network_Id	Network associated with the AtmTraffic_Descriptor	STRING	Network
Region_Id	Region associated with the AtmTraffic_Descriptor	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	

Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the AtmTraffic_Descriptor	STRING	
Vendor	Manufacturer of the AtmTrafficDescriptor	STRING	

4.8 DChannel_Tp

D-channel Termination Point

Attribute Name	Description	Type	Related Object
DChannel_Tp_Id	A unique identifier for the DChannel_Tp	STRING	
DChannel_Tp_Name	A user-friendly name preferably unique for the DChannel_Tp	STRING	
Network_Id	Network associated with the DChannel_Tp	STRING	Network
Region_Id	Region associated with the DChannel_Tp	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the DChannel_Tp	STRING	
Vendor	Manufacturer of the DChannel_Tp	STRING	

4.9 E1

Plesiochronous Digital Hierarchy interface (2.048 Mb/s)

Attribute Name	Description	Type	Related Object
E1_Id	A unique string supplied by the Gateway in all E1 performance data.	STRING	
E1_Name	A user-friendly name for a E1.	STRING	
MGW_Id	The MGW to which this E1 is connected.	STRING	MGW
Region_Id	The Region containing the E1	STRING	Region
Network_Id	The Network identifier	STRING	Network
E1_Type	The network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the E1	STRING	

4.10 Echo_Cancellation

Devices used to cancel the echo effect of 4 wire and 2 wire conversion in the PSTN

Attribute Name	Description	Type	Related Object
Echo_Cancellation_Id	A unique string supplied by the Gateway in all Echo_Cancellation performance data.	STRING	
Echo_Cancellation_Name	A user-friendly name for a Echo_Cancellation.	STRING	
Network_Id	The Network identifier	STRING	Network
MGW_Id	The MGW to which this Echo_Cancellation is connected.	STRING	MGW
Region_Id	The Region containing the Echo Cancellation	STRING	Region
Version	The equipment version	STRING	
Vendor	Manufacturer of the Echo_Cancellation	STRING	

4.11 Ethernet_Link

Ethernet Link

Attribute Name	Description	Type	Related

			Object
Ethernet_Link_Id	A unique identifier for the Ethernet Link in a UTRAN network.	STRING	
Ethernet_Link_Name	A user-friendly name preferably unique for the Ethernet Link.	STRING	
Interface_Id	IP link in a UTRAN network.	STRING	IP_Interface
RNC_Id	RNC in a UTRAN network.	STRING	RNC
Region_Id	Region associated with the Ethernet Link.	STRING	Region
Network_Id	Network associated with the Ethernet Link.	STRING	Network
NodeB_Id	Identifier of the NodeB	STRING	NodeB
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Ip_System_Id	IP System in a UTRAN network.	STRING	
Node_Type	The type of the Node associated with the Ethernet Link (e.g. MSC, BSC).	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Version	Hardware/Software version of the Ethernet Link.	STRING	
Ip_Protocol_Layer_Id	The Ip Protocol layer associated with the object	STRING	
Vendor	Manufacturer of the Ethernet_Link	STRING	

4.12 Fast_Ethernet

Fast Ethernet interface object connected to the General Purpose Processor Board

Attribute Name	**Description**	**Type**	**Related Object**
Fast_Ethernet_Id	A unique identifier for the Fast Ethernet.	STRING	

Fast_Ethernet_Name	A user-friendly name preferably unique for the Fast Ethernet.	STRING	
Region_Id	Region associated with the Fast Ethernet.	STRING	Region
Network_Id	Network associated with the Fast Ethernet.	STRING	Network
Plug_In_Unit_Id	The Plug_In_Unit associated with the object.	STRING	Plug_In_Unit
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	The type of network element of the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the equipment supporting the Fast Ethernet.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Fast_Ethernet	STRING	

4.13 Gcp_Association

Gateway Control Protocol (GCP) over Stream Control Transmission Protocol (SCTP) Association

Attribute Name	Description	Type	Related Object
Gcp_Association_Id	A unique identifier for the Gcp_Association	STRING	
Gcp_Association_Name	A user-friendly name preferably unique for the Gcp_Association	STRING	
Network_Id	Network associated with the Gcp_Association	STRING	Network
Region_Id	Region associated with the Gcp_Association	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	

Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the Gcp_Association	STRING	
Vendor	Manufacturer of the Gcp_Association	STRING	

4.14 GigabitEthernet

Gigabit Ethernet interface object on the Exchange Terminal board

Attribute Name	Description	Type	Related Object
GigabitEthernet_Id	A unique identifier for the GigabitEthernet.	STRING	
GigabitEthernet_Name	A user-friendly name preferably unique for the GigabitEthernet.	STRING	
Region_Id	Region associated with the GigabitEthernet.	STRING	Region
Network_Id	Network associated with the GigabitEthernet.	STRING	Network
Plug_In_Unit_Id	The Plug In Unit associated with the object.	STRING	Plug_In_Unit
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	The type of network element of the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Version	Hardware/Software version of the equipment supporting the GigabitEthernet.	STRING	
Vendor	Manufacturer of the GigabitEthernet	STRING	

4.15 IMA

Inverse Multiplexing over ATM; transparently multiplexes a single stream of ATM cells onto one or more physical link.

Attribute Name	Description	Type	Related Object
IMA_Id	A unique string supplied by the Gateway in all IMA performance data.	STRING	
IMA_Name	A user-friendly name for a IMA	STRING	
MGW_Id	The MGW to which this IMA is connected.	STRING	MGW
Region_Id	The Region containing the IMA	STRING	Region
Network_Id	The Network identifier	STRING	Network
IMA_Type	The network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the IMA	STRING	

4.16 Interactive_Messaging

The application which provides informative messages regarding network and service conditions.

Attribute Name	Description	Type	Related Object
Interactive_Messaging_Id	A unique string supplied by the Gateway in all Interactive_Messaging performance data.	STRING	
Interactive_Messaging_Name	A user-friendly name for a Interactive_Messaging	STRING	
MGW_Id	The MGW to which this Interactive_Messaging is connected.	STRING	MGW
Region_Id	The Region containing the MSC	STRING	Region
Network_Id	The Network identifier	STRING	Network
Interactive_Messaging_Type	network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the Interactive_Messaging	STRING	

4.17 Ip_Atm_Link

IP over ATM link. LLC/SNAP encapsulated packets over AAL5

Attribute Name	Description	Type	Related Object
Ip_Atm_Link_Id	A unique identifier for the Ip Atm Link	STRING	
Ip_Atm_Link_Name	A user-friendly name preferably unique for the Ip Atm Link	STRING	
NodeB_Id	Identifier of the NodeB	STRING	NodeB
RNC_Id	RNC in a UMTS network	STRING	RNC
Interface_Id	IP Link in a UTRAN network.	STRING	IP_Interface
Region_Id	Region associated with the Ip Atm Link	STRING	Region
Network_Id	Network associated with the Ip Atm Link	STRING	Network
Ip_Protocol_Layer_Id	The Ip_Protocol_Layer associated with the object	STRING	Ip_Protocol_Layer
IP_System	IP_System in a network	STRING	
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Version	Hardware/Software version of the of the equipment supporting the Ip Atm Link	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Vendor	Manufacturer of the Ip_Atm_Link	STRING	

4.18 IP_Interface

IP Interface for the SGSN or GGSN.

Attribute Name	Description	Type	Related Object
Interface_Id	A unique identifier for the IP Interface.	STRING	
Interface_Name	A user friendly name preferably unique for the IP Interface.	STRING	
Network_Id	Network associated with the IP Interface.	STRING	Network
Region_Id	Region associated with the IP Interface.	STRING	Region
IP_Address	IP Address of the Node connected to the IP Interface.	STRING	
Interface_Duplex	Interface duplex allocation.	STRING	
Interface_Version	Hardware/Software version of the IP Interface.	STRING	
MTU	Maximum Transmission Unit of the IP Interface.	FLOAT	
Mib2_if_descr	Description of the Mib2 interface.	STRING	
Mib2_if_index	Index of the Mib2 interface.	STRING	
Mib2_if_name	A user friendly name preferably unique for the Mib2 interface.	STRING	
Mib2_if_type	Type of Mib2 interface.	STRING	
Node_Id	A unique identifier for the Node (connected to the IP Interface).	STRING	
Node_Name	A user friendly name preferably unique for the Node (connected to the IP Interface).	STRING	
Node_Type	Type of Node (connected to the IP Interface).	STRING	
Physical_address	Physical address of the IP Interface.	STRING	
Speed	Transmission speed of the IP Interface.	FLOAT	
Subnet_Prefix_Length	Subnet prefix length allocation.	INTEGER	
Technology	Technology of the network/element (e.g. GPRS, UMTS).	STRING	
Vendor	Manufacturer of the IP_Interface	STRING	

4.19 Ip_Protocol_Layer

The IP protocol layer with IP forwarding functionality

Attribute Name	Description	Type	Related Object
Ip_Protocol_Layer_Id	A unique identifier for the Ip Protocol Layer	STRING	
Ip_Protocol_Layer_Name	A user-friendly name preferably unique for the Ip Protocol Layer	STRING	
Network_Id	Network associated with the Ip Protocol Layer	STRING	Network
Region_Id	Region associated with the Ip Protocol Layer	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the Ip Protocol Layer	STRING	
Vendor	Manufacturer of the Ip_Protocol_Layer	STRING	

4.20 IUA_App_Server

Integrated Services Digital Network (ISDN) User Adaptation (IUA) Application Server (AS)

Attribute Name	Description	Type	Related Object
IUA_App_Server_Id	A unique identifier for the IUA_App_Server	STRING	
IUA_App_Server_Name	A user-friendly name preferably unique for the IUA_App_Server	STRING	
Network_Id	Network associated with the IUA_App_Server	STRING	Network

Region_Id	Region associated with the IUA_App_Server	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the IUA_App_Server	STRING	
Vendor	Manufacturer of the IUA_App_Server	STRING	

4.21 Medium_Access_Unit

Medium Access Unit in UTRAN equipment

Attribute Name	Description	Type	Related Object
Medium_Access_Unit_Id	A unique identifier for the Medium Access Unit in a UTRAN network.	STRING	
Medium_Access_Unit_Name	A user-friendly name preferably unique for the Medium_Access_Unit.	STRING	
Plug_in_Unit_Id	Plug in Unit for a UTRAN network.	STRING	Plug_In_Unit
RNC_Id	RNC in a UTRAN network.	STRING	RNC
Region_Id	Region associated with the Medium Access Unit.	STRING	Region
Network_Id	Network associated with the Medium Access Unit.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the Medium	STRING	

	Access Unit.		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Medium_Access_Unit	STRING	

4.22 MGW_Resource_Pool

A reference object used to group various media stream devices

Attribute Name	Description	Type	Related Object
MGW_Resource_Pool_Id	A unique string supplied by the Gateway in all MGW_Resource_Pool performance data	STRING	
MGW_Resource_Pool_Name	A user-friendly name for a MGW_Resource_Pool	STRING	
MGW_Id	The MGW to which this MGW_Resource_Pool is connected	STRING	MGW
Region_Id	The Region containing the MGW_Resource Pool	STRING	Region
Network_Id	The Network identifier	STRING	Network
MGW_Resource_Pool_Type	network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the MGW_Resource_Pool	STRING	

4.23 MGW

Media Gateway network element used to modify speech, data and protocols in the connectivity layer.

This object is used for Data Availability tracking

Attribute Name	Description	Type	Related Object
MGW_Id	A unique identifier for the MGW.	STRING	

MGW_Name	A user friendly name preferably unique for the MGW.	STRING	
Network_Id	Network associated with the MGW.	STRING	Network
Region_Id	Region associated with the MGW.	STRING	Region
MGW_Type	Type of MGW.	STRING	
MGW_Version	Hardware/Software version of the MGW.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the MGW	STRING	

4.24 MS_Device_Group

The instance of MsDeviceGroup represents all devices on one MSB.

Attribute Name	Description	Type	Related Object
MS_Device_Group_Id	A unique identifier for the MS Device Group	STRING	
MS_Device_Group_Name	A user friendly name preferably unique for the MS Device Group.	STRING	
Network_Id	Network associated with MS Device Group.	STRING	Network
Region_Id	Region associated with the MS Device Group.	STRING	Region
Plug_In_Unit_Id	The Plug_In_Unit associated with the object	STRING	Plug_In_Unit
Node_Name	A user friendly name for this node the object is connected to	STRING	
Node_Type	The unique identifier for the node this object is connected to	STRING	
Node_Id	The unique identifier for the node this object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the MS Device Group	STRING	
Vendor	Manufacturer of the MS_Device_Group	STRING	

4.25 MS_Device_Pool

Pool of all nodal devices of the same device type under the Media Stream Processing object

Attribute Name	Description	Type	Related Object
MS_Device_Pool_Id	A unique identifier for the MS_Device_Pool	STRING	
MS_Device_Pool_Name	A user-friendly name preferably unique for the MS_Device_Pool	STRING	
MGW_Id	The MGW associated with the MGW	STRING	MGW
Network_Id	Network associated with the MS_Device_Pool	STRING	Network
Region_Id	Region associated with the MS_Device_Pool	STRING	Region
MS_Processing_Id	The MS_Processing associated with the object	STRING	MS_Processing
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the MS_Device_Pool	STRING	
Vendor	Manufacturer of the MS_Device_Pool	STRING	

4.26 MS_Processing

The Media Stream Processing object in the MGW

Attribute Name	Description	Type	Related Object
MS_Processing_Id	A unique identifier for the MS_Processing	STRING	
MS_Processing_Name	A user-friendly name preferably unique for the MS_Processing	STRING	
Network_Id	Network associated with the MS_Processing	STRING	Network
Region_Id	Region associated with the MS_Processing	STRING	Region
MGW_Id	The MGW associated with the object	STRING	MGW

Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the MS_Processing	STRING	
Vendor	Manufacturer of the MS_Processing	STRING	

4.27 MTP3B_AP

MTP3B Access Point

Attribute Name	Description	Type	Related Object
MTP3B_AP_Id	A unique identifier for the MTP3B_AP signaling in a UTRAN network.	STRING	
MTP3B_AP_Name	A user friendly name preferably unique for MTP3B AP.	STRING	
Signalling_Point_Id	The signalling point associated with the object.	STRING	Signalling_Point
RNC_Id	RNC in a UTRAN network.	STRING	RNC
Region_Id	Region associated with the MTP3B AP.	STRING	Region
Network_Id	Network associated with the MTP3B SP.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	The type of network element of the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the MTP3B AP.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the MTP3B_AP	STRING	

4.28 MTP3B_SR

MTP3B Signalling Route

Attribute Name	Description	Type	Related Object
MTP3B_SR_Id	A unique identifier for the MTP3B signalling route.	STRING	
MTP3B_SR_Name	A user friendly name preferably unique for the MTP3B SR.	STRING	
MTP3B_SP_Id	MTP3B signalling point.	STRING	MTP3B_SP
RNC_Id	RNC in a UTRAN network.	STRING	RNC
MTP3B_SRS_Id	MTP3B signalling route set.	STRING	MTP3B_SRS
Region_Id	Region associated with the MTP3B SR.	STRING	Region
Network_Id	Network associated with the MTP3B SR.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	The type of network element of the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the MTP3B SR.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the MTP3B_SR	STRING	

4.29 Network

Network information.

Attribute Name	Description	Type	Related Object
Network_Id	A unique identifier for the Network.	STRING	
Network_Name	A user friendly name preferably unique for the	STRING	

Default_Link_Speed	The default speed of SS7 Signalling Links in this network.	FLOAT	
Network_Type	Type of Network (e.g. GSM-900, GSM-1800 or GSM-1900).	STRING	
Vendor	Manufacturer of the Network	STRING	

4.30 Nni_SAAL_Tp

NNI SAAL signaling Termination Point

Attribute Name	Description	Type	Related Object
Nni_SAAL_Tp_Id	A unique identifier for the NniSAalTp signalling.	STRING	
Nni_SAAL_Tp_Name	A user-friendly name preferably unique for the Nni SAAL Tp.	STRING	
RNC_Id	RNC in a UTRAN network.	STRING	RNC
NodeB_Id	NodeB in a UTRAN network.	STRING	NodeB
Region_Id	Region associated with the Nni SAAL Tp.	STRING	Region
Network_Id	Network associated with the NNI SAAL TP.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Version	Hardware/Software version of the NNI SAAL TP.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Nni_SAAL_Tp	STRING	

4.31 OS155

155 Mb/s transmission

Attribute Name	Description	Type	Related Object
OS155_Id	A unique string supplied by the Gateway in all OSS155	STRING	
OS155_Name	A user-friendly name for a OSS155	STRING	
MGW_Id	The MGW to which this OS155 is connected.	STRING	MGW
Region_Id	The Region containing the OSS155	STRING	Region
Network_Id	The Network identifier	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the OS155	STRING	

4.32 OSPF_Area

Open Shortest Path First (OSPF) routing area

Attribute Name	Description	Type	Related Object
OSPF_Area_Id	A unique identifier for the OSPF routing protocol area.	STRING	
OSPF_Area_Name	A user friendly name preferably unique for the OSPF Area.	STRING	
OSPF_Id	Unique identifier for the OSPF routing protocol.	STRING	OSPF
RNC_Id	RNC in a UTRAN network.	STRING	RNC
NodeB_Id	NodeB in a UTRAN network.	STRING	NodeB
Region_Id	Region associated with the OSPF_Area.	STRING	Region
Network_Id	Network associated with the OSPF Area.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is	STRING	

Attribute Name	Description	Type	Related Object
	connected to.		
Version	Hardware/Software version of the OSPF Area.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the OSPF_Area	STRING	

4.33 OSPF_Interface

Open Shortest Path First (OSPF) routing protocol interface

Attribute Name	Description	Type	Related Object
OSPF_Interface_Id	A unique identifier for the OSPF routing protocol Interface.	STRING	
OSPF_Interface_Name	A user friendly name preferably unique for the OSPF Interface.	STRING	
OSPF_Id	Identifier for OSPF routing protocol.	STRING	OSPF
RNC_Id	RNC in a UTRAN network.	STRING	RNC
NodeB_Id	NodeB in a UTRAN network.	STRING	NodeB
Region_Id	Region associated with the OSPF_Interface.	STRING	Region
Network_Id	Network associated with the OSPF Interface.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the OSPF Interface.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the OSPF_Interface	STRING	

4.34 OSPF

Open Shortest Path First (OSPF) routing protocol

Attribute Name	Description	Type	Related Object
OSPF_Id	A unique identifier for the OSPF routing protocol.	STRING	
OSPF_Name	A user friendly name preferably unique for the OSPF.	STRING	
RNC_Id	RNC in a UTRAN network.	STRING	RNC
NodeB_Id	NodeB in a UTRAN network.	STRING	NodeB
Region_Id	Region associated with the OSPF.	STRING	Region
Network_Id	Network associated with the OSPF.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	Type of Node.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the OSPF.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the OSPF	STRING	

4.35 Plug_In_Unit

A Physical Plug In Unit in a UTRAN Network

Attribute Name	Description	Type	Related Object
Plug_In_Unit_Id	A unique identifier for the Plug in Unit within a UTRAN network.	STRING	
Plug_In_Unit_Name	A user-friendly name preferably unique for the Plug In Unit.	STRING	
RNC_Id	RNC in a UTRAN network.	STRING	RNC

Region_Id	Region associated with the Plug In Unit.	STRING	Region
Network_Id	Network associated with the Plug In Unit.	STRING	Network
Node_Id	The unique identifier for the node this object is connected to.	STRING	
Node_Type	The type of network element of the node this object is connected to.	STRING	
Node_Name	A user friendly name for this node the object is connected to.	STRING	
Version	Hardware/Software version of the Plug In Unit.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	
Vendor	Manufacturer of the Plug_In_Unit	STRING	

4.36 Region

A user defined grouping of network elements.

Attribute Name	Description	Type	Related Object
Region_Id	Region associated with the network object.	STRING	
Region_Name	A user friendly name preferably unique for the Region.	STRING	
Network_Id	Network associated with the Region.	STRING	Network
Vendor	Manufacturer of the Region	STRING	

4.37 RemoteSite

The remote site connected to the MGW node in the same IP subnetwork.

Attribute Name	Description	Type	Related Object
RemoteSite_Id	A unique identifier for the RemoteSite	STRING	
RemoteSite_Name	A user-friendly name preferably unique for the RemoteSite	STRING	
Network_Id	Network associated with the RemoteSite	STRING	Network
Region_Id	Region associated with the RemoteSite	STRING	Region

Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the RemoteSite	STRING	
Vendor	Manufacturer of the RemoteSite	STRING	

4.38 Signalling_Point

Represents a signalling entity that is part of a Node.

Attribute Name	Description	Type	Related Object
SS7_Point_Id	A unique identifier for the SS7 Point.	STRING	
SS7_Point_Name	A user friendly name preferably unique for the SS7 Point.	STRING	
Network_Id	Network associated with the SS7 Point.	STRING	Network
Region_Id	Region associated with the SS7 Point. SS7_Point - the default value is derived via the Node.	STRING	Region
Adjacent_Node_Id	A unique identifier for the Adjacent Node.	STRING	
Node_Id	A unique identifier for the Node.	STRING	
Node_Name	A user friendly name preferably unique for the Node.	STRING	
Node_Type	Type of Node.	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	

Vendor	Manufacturer of the Signalling_Point	STRING	

4.39 Sigtran

A protocol suite designed to transport real time SS7 and ISDN signalling messages over IP networks (instead of TCP).

Attribute Name	Description	Type	Related Object
Sigtran_Id	A unique string supplied by the Gateway in all Sigtran performance data.	STRING	
Sigtran_Name	A user-friendly name for a Signalling_Transmission.	STRING	
MGW_Id	The MGW to which this Signalling_Transmission is connected.	STRING	MGW
Region_Id	The Region containing the Sigtran	STRING	Region
Network_Id	The Network identifier	STRING	Network
Sigtran_Type	network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the Sigtran	STRING	

4.40 STS1

Basic building block of SONET/SDH; 51.8 Mb/s Synchronous Transport Signal Level N (where N is a multiple of 51.8 Mb/s)

Attribute Name	Description	Type	Related Object
STS1_Id	A unique string supplied by the Gateway in all STS1 performance data.	STRING	
STS1_Name	A user-friendly name for a STS1.	STRING	
MGW_Id	The MGW to which this STS1 is connected.	STRING	MGW
Region_Id	The Region containing the MSC	STRING	Region
Network_Id	The Network identifier	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the STS1	STRING	

4.41 STS3

Basic building block of SONET/SDH; 155 Mb/s Synchronous Transport Signal Level N (where N is a multiple of 51.8 Mb/s)

Attribute Name	Description	Type	Related Object
STS3_Id	A unique string supplied by the Gateway in all STS3 performance data.	STRING	
STS3_Name	A user-friendly name for a STS3.	STRING	
MGW_Id	The MGW to which this STS3 is connected.	STRING	MGW
Region_Id	The Region containing the MSC	STRING	Region
Network_Id	The Network identifier	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the STS3	STRING	

4.42 Synchronization

Network Synchronization references

Attribute Name	Description	Type	Related Object
Synchronization_Id	A unique identifier for the Synchronization	STRING	
Synchronization_Name	A user-friendly name preferably unique for the Synchronization	STRING	
Network_Id	Network associated with the Synchronization	STRING	Network
Region_Id	Region associated with the Synchronization	STRING	Region
NodeB_Id	NodeB in a UTRAN network.	STRING	NodeB
RNC_Id	RNC in a UTRAN network.	STRING	RNC
Node_Id	The unique identifier for the node this object is connected to	STRING	

Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the Synchronization	STRING	
Vendor	Manufacturer of the Synchronization	STRING	

4.43 T1

Plesiochronous Digital Hierarchy interface (1.544 Mb/s)

Attribute Name	Description	Type	Related Object
T1_Id	A unique string supplied by the Gateway in all T1 performance data.	STRING	
T1_Name	A user-friendly name for a T1.	STRING	
MGW_Id	The MGW to which this T1 is connected.	STRING	MGW
Region_Id	The Region containing the T1	STRING	Region
Network_Id	The Network identifier	STRING	Network
T1_Type	Network element type	STRING	
Version	The equipment version	STRING	
Vendor	Manufacturer of the T1	STRING	

4.44 TdmTermGrp

MGW resources responsible for handling Time Division Multiplexing media streams

Attribute Name	Description	Type	Related Object
Tdmtg_Id	A unique string supplied by the Gateway in all TdmTermGrp performance data	STRING	
Tdmtg_Name	A user-friendly name for a TdmTermGrp	STRING	
MGW_Id	The MGW to which this TdmTermGrp is	STRING	MGW

	connected		
Region_Id	The Region containing the MSC	STRING	Region
Network_Id	An optional version identifier for the TdmTermGrp	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the TdmTermGrp	STRING	

4.45 Unknown_RemoteSite

Unknown Remote Site

Attribute Name	Description	Type	Related Object
Unknown_RemoteSite_Id	A unique identifier for the Unknown_RemoteSite	STRING	
Unknown_RemoteSite_Name	A user-friendly name preferably unique for the Unknown_RemoteSite	STRING	
Network_Id	Network associated with the Unknown_RemoteSite	STRING	Network
Region_Id	Region associated with the Unknown_RemoteSite	STRING	Region
Node_Id	The unique identifier for the node this object is connected to	STRING	
Node_Type	The type of network element of the node this object is connected to	STRING	
Node_Name	A user friendly name for this node the object is connected to	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the Unknown_RemoteSite	STRING	

Vendor	Manufacturer of the Unknown_RemoteSite	STRING	

4.46 VC11

Virtual Container (VC) 11 Trail Termination Point

Attribute Name	Description	Type	Related Object
VC11_Id	A unique identifier for the VC11	STRING	
VC11_Name	A user-friendly name preferably unique for the VC11	STRING	
Network_Id	Network associated with the VC11	STRING	Network
Region_Id	Region associated with the VC11	STRING	Region
MGW_Id	The MGW to which this VC11 is connected	STRING	MGW
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the VC11	STRING	
Vendor	Manufacturer of the VC11	STRING	

4.47 VC12

Virtual Container 12 (2.048 Mb/s transmission rate)

Attribute Name	Description	Type	Related Object
VC12_Id	A unique string supplied by the Gateway in all VC12 performance data.	STRING	
VC12_Name	A user-friendly name for a VC12.	STRING	
MGW_Id	The MGW to which this VC12 is connected	STRING	MGW
Region_Id	The Region containing the VC12	STRING	Region
Network_Id	The network identifier	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the VC12	STRING	

4.48 VC3

Virtual Container (VC) 3 Trail Termination Point

Attribute Name	Description	Type	Related Object
VC3_Id	A unique identifier for the VC3	STRING	
VC3_Name	A user-friendly name preferably unique for the VC3	STRING	
Network_Id	Network associated with the VC3	STRING	Network
Region_Id	Region associated with the VC3	STRING	Region
MGW_Id	The MGW to which this VC3 is connected	STRING	MGW
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS)	STRING	
Version	Hardware/Software version of the of the equipment supporting the VC3	STRING	
Vendor	Manufacturer of the VC3	STRING	

4.49 VC4

Virtual Container 4 (155 Mb/s transmission rate)

Attribute Name	Description	Type	Related Object
VC4_Id	A unique string supplied by the Gateway in all VC4 performance data.	STRING	
VC4_Name	A user-friendly name for a VC4	STRING	
MGW_Id	The MGW to which this VC4 is connected.	STRING	MGW
Region_Id	The Region containing the MSC	STRING	Region
Network_Id	The Network identifier	STRING	Network
Version	The equipment version	STRING	
Vendor	Manufacturer of the VC4	STRING	

4.50 VclTp

ATM Virtual Circuit Termination Point

Attribute Name	Description	Type	Related Object
VclTp_Id	Virtual Channel Link Termination Point identifier	STRING	
VclTP_Name	A user-friendly name for a VclTP	STRING	
ATM_Port_Id	ATM Port identifier associated with this VclTp	STRING	ATM_Port
VpcTp_Id	Virtual Path Connection Termination Point identifier associated with this VclTp	STRING	VpcTp
VplTp_Description	An optional descriptor	STRING	
EgressPcr	Egress Peak Cell Rate	INTEGER	
IngressPcr	Ingress Peak Cell Rate	INTEGER	
Vendor	Manufacturer of the VclTp	STRING	

4.51 VMGW

Virtual Media Gateway is a functional entity responsible for H.248 message and connection handler.

Attribute Name	Description	Type	Related Object
VMGW_Id	A unique string supplied by the Gateway in all VMGW performance data	STRING	
VMGW_Name	A user-friendly name for a VMGW	STRING	
MGW_Id	The MGW to which this VMGW is connected	STRING	MGW
Region_Id	The Region containing the MSC (this is not derived from performance data)	STRING	Region
Network_Id	An optional version identifier for the VMGW	STRING	Network
Version	The equipment version	STRING	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING	

Vendor	Manufacturer of the VMGW	STRING	

4.52 VpcTp

ATM Virtual Path Channel Termination Point

Attribute Name	Description	Type	Related Object
VpcTP_Id	A unique string supplied by the Gateway in all VpcTP performance data	STRING	
VpcTP_Name	A user friendly name for the VpcTp	STRING	
VplTp_Id	The VplTp associated with the object	STRING	VplTp
ATM_Port_Id	A unique string supplied by the Gateway in all ATM_Port performance data	STRING	ATM_Port
EgressAtmPcr	Egress Peak Cell Rate	INTEGER	
IngressAtmPcr	Ingress Peak Cell Rate	INTEGER	
EgressAtmQos	egress ATM Quality of Service parameter	INTEGER	
IngressAtmQos	ingress ATM Quality of Service parameter	INTEGER	
EgressAtmMcr	egress Atm Minimum Cell Rate	INTEGER	
IngressAtmMcr	ingress Atm Minimum Cell Rate	INTEGER	
VpcTp_Description	Optional descriptor	STRING	
Vendor	Manufacturer of the VpcTp	STRING	

4.53 VplTp

ATM Virtual Path Link Termination Point

Attribute Name	Description	Type	Related Object
VplTp_Id	Virtual Path Link Termination Point identifier	STRING	
VplTp_Name	A user-friendly name for a VplTP	STRING	
ATM_Port_Id	A unique string supplied by the Gateway in all ATM_Port performance data	STRING	ATM_Port
EgressPcr	Egress Peak Cell Rate	INTEGER	
IngressPcr	Ingress Peak Cell Rate	INTEGER	
EgressAtmQos	ingress Atm Quality of Service parameter	INTEGER	
IngressAtmQos	ingress Atm Quality of Service parameter	INTEGER	
EgressAtmMcr	egress Atm Minimum Cell Rate	INTEGER	
IngressAtmMcr	ingress Atm Minimum Cell Rate	INTEGER	
VplTp_Description	An optional descriptor	STRING	
Vendor	Manufacturer of the VplTp	STRING	

4.54 VT15

SDH/SONET Virtual Tributary

Attribute Name	Description	Type	Related Object
VT15_Id	A unique string supplied by the Gateway in all VT15 performance data	STRING	
VT15_Name	A user-friendly name for a VT15	STRING	
MGW_Id	The MGW to which this VT15 is connected	STRING	MGW
Region_Id	The Region containing the MGW	STRING	Region
Network_Id	The Network identifier	STRING	Network
Version	The equipment version	STRING	

Vendor	Manufacturer of the VT15	STRING	

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5 Busy Hours

This section lists the busy hours that are defined in this technology pack, grouped by the network object to which they relate, as follows:

Each of the busy hours listed can be referenced within this document by way of a busy hour acronymn, which is included in the table below.

- ATM_Port
- MGW
- Plug_In_Unit
- VplTp

5.1 ATM_Port Busy Hours

Busy Hour Name	Defining KPI	Acronym
Ericsson_ATM_Port_Util_ Total_Cells_TXRX_Busy_ Hour	ATM_Port.Ericsson.ATM_port_utilisation.Total_cells	eraputctbh

5.2 MGW Busy Hours

Busy Hour Name	Defining KPI	Acronym
Ericsson_MGW_Media_St rm_Ch_Busy_Hour	MGW.Ericsson.Service_and_software_licensing.pmNrOf MediaStreamChannelsBusy	ermgwmsbh

5.3 Plug_In_Unit Busy Hours

Busy Hour Name	Defining KPI	Acronym
Ericsson_MGW_PlugInUnit _Load_Busy_Hour	Plug_In_Unit.Ericsson.CPU_Load.pmProcessorLoad	ermpiuldbh

5.4 VplTp Busy Hours

Busy Hour Name	Defining KPI	Acronym
Ericsson_VPltp_Total_Cells_TXRX_Busy_Hour	VplTp.Ericsson.Traffic.Total_cells	ervpltcbh

6 Performance Indicators

This section lists the performance indicators (both one-to-one counter mappings, and complex KPIs) that are defined in this technology pack module, grouped by the network object to which they relate, as follows:

- AAL1_Tp_Vcc_Tp
- AAL2_Access_Point
- AAL2_Signalling_Point
- AAL2PathVccTp
- AAL5_Tp_Vcc_Tp
- ATM_Port
- AtmTrafficDescriptor
- DChannel_Tp
- E1
- Echo_Cancellation
- Ethernet_Link
- Fast_Ethernet
- Gcp_Association
- GigabitEthernet
- IMA
- Interactive_Messaging
- Ip_Atm_Link
- IP_Interface
- Ip_Protocol_Layer
- IUA_App_Server
- Medium_Access_Unit
- MGW
- MGW_Resource_Pool
- MS_Device_Group
- MS_Device_Pool
- MS_Processing
- MTP3B_AP
- MTP3B_SR
- Nni_SAAL_Tp
- OS155
- OSPF
- OSPF_Area
- OSPF_Interface

6.1 AAL1_Tp_Vcc_Tp Performance Indicators

- [AAL1_Tp_Vcc_Tp.Ericsson.UMTS.Errors](#)

6.1.1 AAL1_Tp_Vcc_Tp.Ericsson.UMTS.Errors

Terminating point error statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBwErrBlocks	eri_mgw_aal1tpvc_err_tab.yhcpeeeox12agtpcb0221vynil	INTEGER	#	Number of backward error blocks.	Sum
pmBwLostCells	eri_mgw_aal1tpvc_err_tab.yhcpeegox12agtpcb0221vynil	INTEGER	#	Number of lost backward cells on the Virtual Channel Connections (VCC) and Virtual	Sum

				Path Connections (VPC).	
pmBwMissinsCells	eri_mgw_aal1tpvc_err_tab. yhcpeeiox12agtpcb0221vy nil	INTEG ER	#	Number of backward miss-inserted cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmFwErrBlocks	eri_mgw_aal1tpvc_err_tab. yhcpeekox12agtpcb0221vy nil	INTEG ER	#	Number of forward error blocks.	Sum
pmFwLostCells	eri_mgw_aal1tpvc_err_tab. yhcpeemox12agtpcb0221v ynil	INTEG ER	#	Number of lost forward cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmFwMissinsCells	eri_mgw_aal1tpvc_err_tab. yhcpeeoox12agtpcb0221vy nil	INTEG ER	#	Number of forward miss-inserted cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmLostBrCells	eri_mgw_aal1tpvc_err_tab. yhcpeeqox12agtpcb0221vy nil	INTEG ER	#	Number of lost Backward Reporting (BR) cells.	Sum
pmLostFpmCells	eri_mgw_aal1tpvc_err_tab. yhcpeesox12agtpcb0221vy nil	INTEG ER	#	Number of lost Forward Performance Monitoring (FPM) cells.	Sum

6.2 AAL2_Access_Point Performance Indicators

- AAL2_Access_Point.Ericsson.UMTS.Connections
- AAL2_Access_Point.Ericsson.UMTS.Signalling_Messages

6.2.1 AAL2_Access_Point.Ericsson.UMTS.Connections

Connection data

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_AAL2_Pipe_Utilization	100 * ({pmExisOrigConns} + {pmExisTermConns} + {pmExisTransConns})/ (({nrOfConfiguredAal2Paths} - {nrOfUnavailableAal2Paths}) * 248)	FLOAT	%	AAL2 pipe utilization rate	Average
_%_Incoming_AAL2_Conn_Rsrv	100 * {pmSuccInConnsRemoteQosClassA}/ ({pmSuccInConnsRemoteQosClassA} + {pmUnSuccInConnsRemoteQosClassA})	FLOAT	%	Incoming AAL2 connection reservation success rate	Average
_%_Outgoing_AAL2_Conn_Rsrv	100 * {pmSuccOutConnsRemoteQosClassA}/ ({pmSuccOutConnsRemoteQosClassA} + {pmUnSuccOutConnsRemoteQosClassA})	FLOAT	%	Outgoing AAL2 connection reservation success rate	Average
_%_pmSuccInConnsRemote	100 * {pmSuccInConnsRemote}/ ({pmSuccInConnsRemote} + {pmUnSuccInConnsRemote})	FLOAT	%	Obsolete in R4.1:Connection success rate of incoming connections on the AP.	Average
_%_pmSuccOutConnsRemote	100 * {pmSuccOutConnsRemote}/ ({pmSuccOutConnsRemote} +	FLOAT	%	Obsolete in R4.1:Connection success rate of outgoing	Average

	{pmUnSuccOutConnsRemote})			connections from the AP.	
nrOfConfiguredAal2Paths	eri_aal2_ap_connections_tab. urdyhn41bn2ahcw3002ofawa ex	INTEG ER	#	The total number of Aal2PathVccT p MOs configured on this Aal2 Ap.	Average, tot, min, max
nrOfRemotelyBlockedAal2P aths	eri_aal2_ap_connections_tab. s5ga0ssdwt2aht30r02ofawjhe	INTEG ER	#	Number of all Aal2PathVccT p's that are connected to this Aal2Ap and with remoteBlockin gState set to REMOTELY_ BLOCKED.	Average, tot, min, max
nrOfUnavailableAal2Paths	eri_aal2_ap_connections_tab. urdyhn61bn2ahcw3002ofawa ex	INTEG ER	#	The total number of unavailable Aal2PathVccT p on this Aal2 Ap.	Average, tot, min, max
pmExisOrigConns	eri_aal2_ap_connections_tab. yhcpefoox12agtpcb0221vynil	INTEG ER	#	Current number of existing connections for the Access Point (AP) originating in this node.	Average, tot, min, max
pmExisTermConns	eri_aal2_ap_connections_tab. yhcpefqox12agtpcb0221vynil	INT8	#	Current number of existing connections for the AP terminating in this node.	Average, tot, min, max
pmExisTransConns	eri_aal2_ap_connections_tab. yhcpefsox12agtpcb0221vynil	INT8	#	Current number of existing	Average, tot, min, max

				connections for the AP transiting in this node.	
pmSuccInConnsRemote	eri_aal2_ap_connections_tab.yncwnb1ox12agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of successful establishment of incoming connections on the AP.	Sum
pmSuccInConnsRemoteQosClassA	eri_aal2_ap_connections_tab.yncwnbgox12agtpcb0221vynil	INTEGER	#	Number of successful establishments of incoming connections on this AAL2 Access Point (AP).	Sum
pmSuccInConnsRemoteQosClassB	eri_aal2_ap_connections_tab.yncwnbiox12agtpcb0221vynil	INTEGER	#	Number of successful establishments of incoming connections on this AAL2 Access Point (AP).	Sum
pmSuccInConnsRemoteQosClassC	eri_aal2_ap_connections_tab.yncwnbkox12agtpcb0221vynil	INTEGER	#	Number of successful establishments of incoming connections on this AAL2 Access Point (AP).	Sum
pmSuccInConnsRemoteQosClassD	eri_aal2_ap_connections_tab.yncwnbmox12agtpcb0221vy	INTEGER	#	Number of successful	Sum

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	nil			establishments of incoming connections on this AAL2 Access Point (AP).	
pmSuccOutConnsRemote	eri_aal2_ap_connections_tab. yncwnb3ox12agtpcb0221vyn il	INT8	#	Obsolete in R4.1:Current number of successful establishment of outgoing connections from the AP.	Sum
pmSuccOutConnsRemoteQo sClassA	eri_aal2_ap_connections_tab. yncwnboox12agtpcb0221vyn il	INTEG ER	#	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmSuccOutConnsRemoteQo sClassB	eri_aal2_ap_connections_tab. yncwnbqox12agtpcb0221vyn il	INTEG ER	#	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmSuccOutConnsRemoteQo sClassC	eri_aal2_ap_connections_tab. yncwnbsox12agtpcb0221vyni l	INTEG ER	#	Number of successful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmSuccOutConnsRemoteQo sClassD	eri_aal2_ap_connections_tab. yncwnbuox12agtpcb0221vyn il	INTEG ER	#	Number of successful establishments of outgoing connections on	Sum

				this AAL2 Access Point (AP).	
pmUnSuccInConnsLocalQosClassA	eri_aal2_ap_connections_tab.yncwnbwox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful attempts to allocate AAL2 path resources (Common Part Sublayer) during establishment of incoming connections on this Access Point (AP) caused by Channel Identifier (CID) and/or bandwidth collision or mismatch of Call Admission Control (CAC) between peers.	Sum
pmUnSuccInConnsLocalQosClassB	eri_aal2_ap_connections_tab.yncwnbyox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful attempts to allocate AAL2 path resources (Common Part Sublayer) during establishment of incoming connections on this Access Point (AP)	Sum

				caused by Channel Identifier (CID) and/or bandwidth collision or mismatch of Call Admission Control (CAC) between peers.	
pmUnSuccInConnsLocalQosClassC	eri_aal2_ap_connections_tab.yncwnc1ox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful attempts to allocate AAL2 path resources (Common Part Sublayer) during establishment of incoming connections on this Access Point (AP) caused by Channel Identifier (CID) and/or bandwidth collision or mismatch of Call Admission Control (CAC) between peers.	Sum
pmUnSuccInConnsLocalQosClassD	eri_aal2_ap_connections_tab.yncwnc3ox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful attempts to allocate AAL2 path resources (Common Part Sublayer) during establishment of incoming	Sum

				connections on this Access Point (AP) caused by Channel Identifier (CID) and/or bandwidth collision or mismatch of Call Admission Control (CAC) between peers.	
pmUnSuccInConnsRemote	eri_aal2_ap_connections_tab. yncwnb5ox12agtpcb0221vyn il	INT8	#	Obsolete in R4.1:Total number of unsuccessful establishment of incoming connections from the AP.	Sum
pmUnSuccInConnsRemoteQ osClassA	eri_aal2_ap_connections_tab. yncwnc5ox12agtpcb0221vyni l	INTEG ER	#	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node.	Sum
pmUnSuccInConnsRemoteQ osClassB	eri_aal2_ap_connections_tab. yncwncaox12agtpcb0221vyni l	INTEG ER	#	Number of unsuccessful establishments of incoming connections on	Sum

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				this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node.	
pmUnSuccInConnsRemoteQosClassC	eri_aal2_ap_connections_tab.yncwnccox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node.	Sum
pmUnSuccInConnsRemoteQosClassD	eri_aal2_ap_connections_tab.yncwnceox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful establishments of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node.	Sum
pmUnSuccOutConnsLocalQosClassA	eri_aal2_ap_connections_tab.yncwncgox12agtpcb0221vynil	INTEGER	#	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP).	Sum

pmUnSuccOutConnsLocalQ osClassB	eri_aal2_ap_connections_tab. yte1jp1ox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP).	Sum
pmUnSuccOutConnsLocalQ osClassC	eri_aal2_ap_connections_tab. yte1jp3ox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP).	Sum
pmUnSuccOutConnsLocalQ osClassD	eri_aal2_ap_connections_tab. yte1jp5ox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful attempts to allocate AAL2 resources (Common Part sublayer) during establishment of outgoing connections on this Access Point (AP).	Sum

pmUnSuccOutConnsRemote	eri_aal2_ap_connections_tab. yncwnbaox12agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of unsuccessful establishment of outgoing connections from the AP.	Sum
pmUnSuccOutConnsRemote QosClassA	eri_aal2_ap_connections_tab. yte1jpaox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmUnSuccOutConnsRemote QosClassB	eri_aal2_ap_connections_tab. yte1jpcox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmUnSuccOutConnsRemote QosClassC	eri_aal2_ap_connections_tab. yte1jpeox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmUnSuccOutConnsRemote QosClassD	eri_aal2_ap_connections_tab. yte1jpgox12agtpcb0221vynil	INTEG ER	#	Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum

6.2.2 AAL2_Access_Point.Ericsson.UMTS.Signalling_Messages

AAL2 Access point signalling message statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmUnRecMessages	eri_mgw_aal2ap_sm_tab.yte1jpoox12agtpcb0221vynil	INTEGER	#	Number of received unrecognized Q.2630 messages on this Access Point (AP).	Sum
pmUnRecParams	eri_mgw_aal2ap_sm_tab.yte1jpqox12agtpcb0221vynil	INTEGER	#	Number of received Q.2630 messages with unrecognized parameters on this Access Point (AP).	Sum

6.3 AAL2_Signalling_Point Performance Indicators

- [AAL2_Signalling_Point.Ericsson.UMTS.AAL2_Sig_Point](#)

6.3.1 AAL2_Signalling_Point.Ericsson.UMTS.AAL2_Sig_Point

AAL2 Signalling point data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmUnsuccessfulConnsInternal	eri_aal2_sp_aal2_sp_tab.yte1jpsox12agtpcb0221vynil	INT8	#	Total number of unsuccessful attempts to establish connections due to node internal problems.	Sum

6.4 AAL2PathVccTp Performance Indicators

- AAL2PathVccTp.Ericsson.UMTS.AAL2_CPS
- AAL2PathVccTp.Ericsson.UMTS.Errors

6.4.1 AAL2PathVccTp.Ericsson.UMTS.AAL2_CPS

AAL2 Common Part Sublayer

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmDiscardedEgressCpsPackets	eri_mgw_aal2cps_tab.yhcpeeuox12agtpcb0221vynil	INTEGER	#	Number of discarded AAL2 CPS packets in egress direction.	Sum, ermgwmsbh
pmEgressCpsPackets	eri_mgw_aal2cps_tab.yhcpeewox12agtpcb0221vynil	INTEGER	#	Number of AAL2 CPS egress packets sent.	Sum, ermgwmsbh
pmIngressCpsPackets	eri_mgw_aal2cps_tab.yhcpeeyox12agtpcb0221vynil	INTEGER	#	Number of AAL2 CPS ingress packets received.	Sum, ermgwmsbh

6.4.2 AAL2PathVccTp.Ericsson.UMTS.Errors

Error data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBwErrBlocks	eri_aal2pathvcctp_error_tab.yhcpef1ox12agtpcb0221vynil	INT8	#	Total number of backward errored blocks.	Sum, ermgwmsbh
pmBwLostCells	eri_aal2pathvcctp_error_tab.yhcpef3ox12agtpcb0221vynil	INT8	#	Total number of lost backward cells.	Sum, ermgwmsbh
pmBwMissinCells	eri_aal2pathvcctp_error_tab.yhcpef5ox12agtpcb0221vynil	INT8	#	Obsolete in R4.1:The number of misinserted backward cells. This counter is no longer supported after R2.	Sum, ermgwmsbh

pmBwMissinsCells	eri_aal2pathvcctp_error_ta b.yhcpefaox12agtpcb0221v ynil	INT8	#	Total number of misinserted backward cells.	Sum, ermgwms bh
pmFwErrBlocks	eri_aal2pathvcctp_error_ta b.yhcpefcox12agtpcb0221v ynil	INT8	#	Total number of forward errored blocks.	Sum, ermgwms bh
pmFwLostCells	eri_aal2pathvcctp_error_ta b.yhcpefeox12agtpcb0221v ynil	INT8	#	Total number of lost forward cells.	Sum, ermgwms bh
pmFwMissinCells	eri_aal2pathvcctp_error_ta b.yhcpefgox12agtpcb0221 vynil	INT8	#	Obsolete in R4.1:The number of forward misinserted cells. This counter is no longer supported after R2.	Sum, ermgwms bh
pmFwMissinsCells	eri_aal2pathvcctp_error_ta b.yhcpefiox12agtpcb0221v ynil	INT8	#	Total number of forward misinserted cells.	Sum, ermgwms bh
pmLostBrCells	eri_aal2pathvcctp_error_ta b.yhcpefkox12agtpcb0221 vynil	INT8	#	Total number of lost backward reporting cells.	Sum, ermgwms bh
pmLostFpmCells	eri_aal2pathvcctp_error_ta b.yhcpefmox12agtpcb0221 vynil	INT8	#	Total number of lost forward performance monitoring cells.	Sum, ermgwms bh

6.5 AAL5_Tp_Vcc_Tp Performance Indicators

- AAL5_Tp_Vcc_Tp.Ericsson.UMTS.Errors

6.5.1 AAL5_Tp_Vcc_Tp.Ericsson.UMTS.Errors

Terminating point error statistics

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
pmBwErrBlocks	eri_mgw_aal5tpvc_err_tab. yte1jpuox12agtpcb0221vy nil	INTEG ER	#	Number of backward errored blocks.	Sum
pmBwLostCells	eri_mgw_aal5tpvc_err_tab. yte1jpwox12agtpcb0221vy nil	INTEG ER	#	Number of lost backward cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmBwMissinsCells	eri_mgw_aal5tpvc_err_tab. yte1jpyox12agtpcb0221vy nil	INTEG ER	#	Number of backward miss-inserted cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmFwErrBlocks	eri_mgw_aal5tpvc_err_tab. r0euuxcox22agtpcb0221vy nil	INTEG ER	#	Number of forward errored blocks.	Sum
pmFwLostCells	eri_mgw_aal5tpvc_err_tab. r0euuxeox22agtpcb0221vy nil	INTEG ER	#	Number of lost forward cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmFwMissinsCells	eri_mgw_aal5tpvc_err_tab. r0euuxgox22agtpcb0221vy nil	INTEG ER	#	Number of forward miss-inserted cells on the Virtual Channel Connections (VCC) and Virtual Path Connections (VPC).	Sum
pmLostBrCells	eri_mgw_aal5tpvc_err_tab. r0euuxiox22agtpcb0221vy nil	INTEG ER	#	Number of lost Backward Reporting (BR) cells.	Sum

pmLostFpmCells	eri_mgw_aal5tpvc_err_tab.r0euuxkox22agtpcb0221vynil	INTEGER	#	Number of lost Forward Performance Monitoring (FPM) cells.	Sum

6.6 ATM_Port Performance Indicators

- <u>ATM_Port.Ericsson.UMTS.ATM_port_utilisation</u>
- <u>ATM_Port.Ericsson.UMTS.Virtual_path_grouped_from_VpcTp</u>

6.6.1 ATM_Port.Ericsson.UMTS.ATM_port_utilisation

Utilisation data

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_ATM_Port_Rcvd_Usage	((1 - (({pmReceivedAtmCells} / {measurement_seconds}) / 353207)) * 100)	FLOAT	%	Port usage rate of received ATM cells	Average, eraputctbh, tot, min, max
_%_ATM_Port_Sent_Usage	((1 - (({pmTransmittedAtmCells} / {measurement_seconds}) / 353207)) * 100)	FLOAT	%	Port usage rate of sent ATM cells	Average, eraputctbh, tot, min, max
pmReceivedAtmCells	eri_atm_port_utilisat_tab.r0euuy3ox22agtpcb0221vynil	INT8	#	Number of ATM cells received through the ATM port.	Sum, eraputctbh
pmSecondsWithUnexp	eri_atm_port_utilisat_tab.r0euuxwox22agtpcb0221vynil	INTEGER	Second	Number of errored seconds with discarded cells due to protocol errors, unexpected events (UNEX). I.610:	Sum, eraputctbh

pmTransmittedAtmCells	eri_atm_port_utilisat_tab.r0euuy5ox22agtpcb0221vynil	INT8	#	Number of ATM cells transmitted through the ATM port.	Sum, eraputctbh
Rx_bandwidth_per_second	(((({pmReceivedAtmCells}/ {measurement_seconds})* (53*8)/1000)/1000)	FLOAT	#	The amount of received bandwidth per second	Average, eraputctbh, tot, min, max
Rx_cells_per_second	{pmReceivedAtmCells}/ {measurement_seconds}	FLOAT	#	The number of received cells per second	Average, eraputctbh, tot, min, max
Total_cells	{pmReceivedAtmCells}+ {pmTransmittedAtmCells}	INT8	#	Total number of ATM cells transmitted and received through the ATM Port	Sum, eraputctbh
Tx_bandwidth_per_second	(((({pmTransmittedAtmCells}/ {measurement_seconds})* (53*8)/1000)/1000)	FLOAT	#	The amount of transmitted bandwidth per second	Average, eraputctbh, tot, min, max
Tx_cells_per_second	{pmTransmittedAtmCells} /{measurement_seconds}	FLOAT	#	The number of transmitted cells per second	Average, eraputctbh, tot, min, max

6.6.2 ATM_Port.Ericsson.UMTS.Virtual_path_grouped_from_VpcTp

Virtual path data grouped up from VPCTP level. This data has a secondary key of VPLTP.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBwErrBlocks	eri_vpgfvpctp_tab.r0euuyaox22agtpcb0221vynil	INT8	#	Total number of backward errored blocks, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmBwLostCells	eri_vpgfvpctp_tab.r0euuycox22agtpcb0221vynil	INT8	#	Total number of lost backward cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh

pmBwMissinsCells	eri_vpgfvpctp_tab.r0euuye ox22agtpcb0221vynil	INT8	#	Total number of misinserted backward cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmFwErrBlocks	eri_vpgfvpctp_tab.r0euuyg ox22agtpcb0221vynil	INT8	#	Total number of forward errored blocks, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmFwLostCells	eri_vpgfvpctp_tab.r0euuyi ox22agtpcb0221vynil	INT8	#	Total number of lost forward cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmFwMissinsCells	eri_vpgfvpctp_tab.r0euuyk ox22agtpcb0221vynil	INT8	#	Total number of forward misinserted cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmLostBrCells	eri_vpgfvpctp_tab.r0euuy mox22agtpcb0221vynil	INT8	#	Total number of lost backward reporting cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh
pmLostFpmCells	eri_vpgfvpctp_tab.r0euuyo ox22agtpcb0221vynil	INT8	#	Total number of lost Forward Performance Monitoring (FPM) cells, aggregated to vpltp level from vpctp.	Sum, eraputctbh

6.7 AtmTrafficDescriptor Performance Indicators

- AtmTrafficDescriptor.Ericsson.UMTS.Traffic_Descriptor

6.7.1 AtmTrafficDescriptor.Ericsson.UMTS.Traffic_Descriptor

ATM Traffic configuration data

KPI Name	Expression	Data Type	Units	Description	Aggregation
egressAtmMcr	eri_mgw_atmtrafdes_tab.r0 euuyuox22agtpcb0221vyni l	INTEG ER	Cell/s	Egress ATM minimum desired cell rate.	Minimum, tot, min, max
egressAtmPcr	eri_mgw_atmtrafdes_tab.r0 euuyqox22agtpcb0221vyni l	INTEG ER	Cell/s	Egress ATM Peak cell rate (cells/s).	Constant, tot, min, max
egressAtmQos	eri_mgw_atmtrafdes_tab.r0 euuyyox22agtpcb0221vyni l	INTEG ER	#	Egress ATM quality of service.	Average, tot, min, max
ingressAtmMcr	eri_mgw_atmtrafdes_tab.r0 euuywox22agtpcb0221vyn il	INTEG ER	Cell/s	Ingress minimum desired cell rate (cells/s).	Minimum, tot, min, max
ingressAtmPcr	eri_mgw_atmtrafdes_tab.r0 euuysox22agtpcb0221vynil	INTEG ER	Cell/s	Ingress ATM Peak cell rate (cells/s).	Constant, tot, min, max
ingressAtmQos	eri_mgw_atmtrafdes_tab.r0 euv01ox22agtpcb0221vyni l	INTEG ER	#	Ingress ATM quality of service.	Average, tot, min, max

6.8 DChannel_Tp Performance Indicators

- DChannel_Tp.Ericsson.UMTS.DChannelTp_Util

6.8.1 DChannel_Tp.Ericsson.UMTS.DChannelTp_Util

DChannel termination point utilisation

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmDiscardedInboundFrames	eri_dctp_util_tab.xnqw6vs ylp2ahuovr02ofb3l3m	INTEG ER	#	The number of discarded inbound frames.	Sum

pmDiscardedOutboundFrames	eri_dctp_util_tab.xnqw6vuylp2ahuovr02ofb3l3m	INTEGER	#	The number of discarded outbound frames.	Sum
pmOctetsInRecFrames	eri_dctp_util_tab.xnqw6vwylp2ahuovr02ofb3l3m	INT8	Octets	The number of octets in received frames.	Sum
pmOctetsInReTransmFrames	eri_dctp_util_tab.xnqw6vyylp2ahuovr02ofb3l3m	INT8	Octets	The number of octets in retransmitted frames.	Sum
pmOctetsInTransmFrames	eri_dctp_util_tab.xnqw6w1ylp2ahuovr02ofb3l3m	INT8	Octets	The number of octets in transmitted frames.	Sum
pmRecDmFramesRspToSabme	eri_dctp_util_tab.xnqw6w3ylp2ahuovr02ofb3l3m	INTEGER	#	Indicates the number of Disconnected Mode (DM) frames received as response to transmitted Set Asynchronous Balanced Mode Extended (SABME) frames.	Sum
pmRecFramesCtrlFieldUndef	eri_dctp_util_tab.xnqw6waylp2ahuovr02ofb3l3m	INTEGER	#	The number of received frames with control field that is undefined or not	Sum

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				implemented.	
pmRecFramesFcsError	eri_dctp_util_tab.xnqw6wcylp2ahuovr02ofb3l3m	INTEGER	#	The number of received frames with Frame Check Sequence (FCS) error.	Sum
pmRecFramesN201Error	eri_dctp_util_tab.xnqw6weylp2ahuovr02ofb3l3m	INT8	#	The number of received frames with N201 error.	Sum
pmRecFramesNotPermInfoFldOrLngFr	eri_dctp_util_tab.xnqw6wgylp2ahuovr02ofb3l3m	INTEGER	#	The number of received frames with not permitted information field, or too long unnumbered frame.	Sum
pmRecFramesNrError	eri_dctp_util_tab.xnqw6wiylp2ahuovr02ofb3l3m	INTEGER	#	The number of received frames with N(R) sequence error.	Sum
pmRecFrames	eri_dctp_util_tab.xnqw6w5ylp2ahuovr02ofb3l3m	INTEGER	#	The number of received frames.	Sum
pmRecFrmr	eri_dctp_util_tab.xnqw6wkylp2ahuovr02ofb3l3m	INTEGER	#	The number of received Frame Reject (FRMR) response frames.	Sum
pmRecInvalidFrames	eri_dctp_util_tab.xnqw6wmylp2ahuovr02ofb3l3m	INTEGER	#	The number of received invalid frames.	Sum
pmRecUnexpectedFrames	eri_dctp_util_tab.xnqw6woylp2ahuovr02ofb3l3m	INTEGER	#	The number of received	Sum

				unexpected frames.	
pmRecUnsolicSupervisFrames	eri_dctp_util_tab.xnqw6wqylp2ahuovr02ofb3l3m	INTEGER	#	The number of received unsolicited supervisory frames.	Sum
pmRetransmittedFrames	eri_dctp_util_tab.xnqw6wsylp2ahuovr02ofb3l3m	INTEGER	#	The number of retransmitted frames.	Sum
pmTransmDmFramesRspToSabme	eri_dctp_util_tab.xnqw6wuylp2ahuovr02ofb3l3m	INTEGER	#	The number of DM frames transmitted as response to received SABME frames.	Sum
pmTransmittedFrames	eri_dctp_util_tab.xnqw6wwylp2ahuovr02ofb3l3m	INTEGER	#	The number of transmitted frames.	Sum
pmUnsuccRetrmsOthFramesN200Times	eri_dctp_util_tab.xnqw6wyylp2ahuovr02ofb3l3m	INTEGER	#	The number of unsuccessful retransmissions of Disconnect (DISC), Receive Ready (RR), and Receive Not Ready (RNR) command frames N200 times.	Sum
pmUnsuccRetrmsSabmeN20	eri_dctp_util_tab.xnqw6x1	INTEG	#	The number	Sum

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KPI Name	Expression	Data Type	Units	Description	Aggregation
0Times	ylp2ahuovr02ofb3l3m	ER		unsuccessful retransmissions of SABME command frames N200 times.	
Rx_frames_per_second	{pmRecFrames} / {measurement_seconds}	FLOAT	#	The number of received frames per second.	Average, tot, min, max
Tot_octets	{pmOctetsInRecFrames} + {pmOctetsInTransmFrames} + {pmOctetsInReTransmFrames}	INT8	#	Total number of octets in received and transmitted frames.	Sum
Tx_frames_per_second	{pmTransmittedFrames} / {measurement_seconds}	FLOAT	#	The number of transmitted frames per second.	Average, tot, min, max

6.9 E1 Performance Indicators

- E1.Ericsson.UMTS.E1_Terminating_Point

6.9.1 E1.Ericsson.UMTS.E1_Terminating_Point

E1 termination point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmEs	eri_e1_e1_term_piont_tab. r0euv03ox22agtpcb0221vy nil	INT8	Second	Total number of Errored Seconds.	Sum, ermgwms bh
pmSes	eri_e1_e1_term_piont_tab. r0euv05ox22agtpcb0221vy nil	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwms bh
pmUas	eri_e1_e1_term_piont_tab. r0euv0aox22agtpcb0221vy nil	INTEGER	Second	Transmission Unavailable Seconds (SES).	Sum, ermgwms bh

6.10 Echo_Cancellation Performance Indicators

- Echo_Cancellation.Ericsson.UMTS.Active_Speech_Level_Rout
- Echo_Cancellation.Ericsson.UMTS.Active_Speech_Level_Sout
- Echo_Cancellation.Ericsson.UMTS.Echo_Return_Loss
- Echo_Cancellation.Ericsson.UMTS.Pure_Delay

6.10.1 Echo_Cancellation.Ericsson.UMTS.Active_Speech_Level_Rout

Active Speech Level at Rout data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmI10ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0cox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -17 and -16 dbm0.	Sum, ermgwmsbh
pmI11ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0eox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -15 and -14 dbm0.	Sum, ermgwmsbh
pmI12ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0gox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -13 and -12 dbm0.	Sum, ermgwmsbh
pmI13ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0iox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -11 and -10 dbm0.	Sum, ermgwmsbh
pmI14ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0kox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -9 and -8 dbm0.	Sum, ermgwmsbh
pmI15ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0mox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -7 and -6 dbm0.	Sum, ermgwmsbh

pmI16ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0oox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -5 and -4 dbm0.	Sum, ermgwmsbh
pmI1ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0qox22agtpcb0221vynil	INT8	#	Total number of Active Speech Level at Rout (ASL-R) measurements at -35 and -34 dbm0.	Sum, ermgwmsbh
pmI2ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0sox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -33 and -32 dbm0.	Sum, ermgwmsbh
pmI3ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0uox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -31 and -30 dbm0.	Sum, ermgwmsbh
pmI4ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0wox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -29 and -28 dbm0.	Sum, ermgwmsbh
pmI5ValAslr	eri_echo_c_asp_lev_rout_tab.r0euv0yox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -27 and -26 dbm0.	Sum, ermgwmsbh
pmI6ValAslr	eri_echo_c_asp_lev_rout_tab.r6e6kcsox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -25 and -24 dbm0.	Sum, ermgwmsbh
pmI7ValAslr	eri_echo_c_asp_lev_rout_tab.r6e6kcuox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -23 and -22 dbm0.	Sum, ermgwmsbh
pmI8ValAslr	eri_echo_c_asp_lev_rout_tab.r6e6kcwox22agtpcb0221vynil	INT8	#	Total number of ASL-R measurements at -21 and -20 dbm0.	Sum, ermgwmsbh
pmI9ValAslr	eri_echo_c_asp_lev_rout_tab.r6e6kcyox22agtpcb0221	INT8	#	Total number of ASL-R	Sum, ermgwms

	vynil			measurements at -19 and -18 dbm0.	bh

6.10.2 Echo_Cancellation.Ericsson.UMTS.Active_Speech_Level_Sout

Active speech level at Sout data.

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmI10ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kd1ox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -17 and -16 dbm0.	Sum, ermgwms bh
pmI11ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kd3ox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -15 and -14 dbm0.	Sum, ermgwms bh
pmI12ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kd5ox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -13 and -12 dbm0.	Sum, ermgwms bh
pmI13ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdaox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -11 and -10 dbm0.	Sum, ermgwms bh
pmI14ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdcox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -9 and -8 dbm0.	Sum, ermgwms bh
pmI15ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdeox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -7 and -6 dbm0.	Sum, ermgwms bh
pmI16ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdgox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -5	Sum, ermgwms bh

				and -4 dbm0.	
pmI1ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdiox22agtpcb0221vynil	INT8	#	Total number of Active Speech Level at Sout (ASL-S) measurements at -35 and -34 dbm0.	Sum, ermgwmsbh
pmI2ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdkox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -33 and -32 dbm0.	Sum, ermgwmsbh
pmI3ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdmox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -31 and -30 dbm0.	Sum, ermgwmsbh
pmI4ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdoox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -29 and -28 dbm0.	Sum, ermgwmsbh
pmI5ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdqox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -27 and -26 dbm0.	Sum, ermgwmsbh
pmI6ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdsox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -25 and -24 dbm0.	Sum, ermgwmsbh
pmI7ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kduox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -23 and -22 dbm0.	Sum, ermgwmsbh
pmI8ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdwox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -21 and -20 dbm0.	Sum, ermgwmsbh
pmI9ValAsls	eri_echo_c_asp_lev_sout_tab.r6e6kdyox22agtpcb0221vynil	INT8	#	Total number of ASL-S measurements at -19 and -18 dbm0.	Sum, ermgwmsbh

6.10.3 Echo_Cancellation.Ericsson.UMTS.Echo_Return_Loss

Echo return loss data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmI10ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6ke1ox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 18 and 19 db.	Sum, ermgwms bh
pmI11ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6ke3ox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 20 and 21 db.	Sum, ermgwms bh
pmI12ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6ke5ox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 22 and 23 db.	Sum, ermgwms bh
pmI13ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6keaox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 24 and 25 db.	Sum, ermgwms bh
pmI14ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6kecox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 26 and 27 db.	Sum, ermgwms bh
pmI15ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6keeox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 28 and 29 db.	Sum, ermgwms bh
pmI16ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6kegox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 30 db.	Sum, ermgwms bh
pmI1ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6keiox22agtpcb0221 vynil	INT8	#	Total number of Echo Return Loss (ERL) measurements at 0 and 1 db.	Sum, ermgwms bh
pmI2ValErl	eri_echo_c_echo_rt_loss_t ab.r6e6kekox22agtpcb0221 vynil	INT8	#	Total number of ERL measurements at 2 and 3 db.	Sum, ermgwms bh
pmI3ValErl	eri_echo_c_echo_rt_loss_t	INT8	#	Total number of	Sum,

KPI Name	Expression	Data Type	Units	Description	Aggregation
	ab.r6e6kemox22agtpcb0221vynil			ERL measurements at 4 and 5 db.	ermgwmsbh
pmI4ValErl	eri_echo_c_echo_rt_loss_tab.r6e6keoox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 6 and 7 db.	Sum, ermgwmsbh
pmI5ValErl	eri_echo_c_echo_rt_loss_tab.r6e6keqox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 8 and 9 db.	Sum, ermgwmsbh
pmI6ValErl	eri_echo_c_echo_rt_loss_tab.r6e6kesox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 10 and 11 db.	Sum, ermgwmsbh
pmI7ValErl	eri_echo_c_echo_rt_loss_tab.r6e6keuox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 12 and 13 db.	Sum, ermgwmsbh
pmI8ValErl	eri_echo_c_echo_rt_loss_tab.r6e6kewox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 14 and 15 db.	Sum, ermgwmsbh
pmI9ValErl	eri_echo_c_echo_rt_loss_tab.r6e6keyox22agtpcb0221vynil	INT8	#	Total number of ERL measurements at 16 and 17 db.	Sum, ermgwmsbh

6.10.4 Echo_Cancellation.Ericsson.UMTS.Pure_Delay

Pure delay data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmI10ValPd	eri_echo_c_pure_delay_tab.r6e6kf1ox22agtpcb0221vynil	INT8	#	Total number of PD measurements between 72 and 79 ms.	Sum, ermgwmsbh
pmI11ValPd	eri_echo_c_pure_delay_tab.r6e6kf3ox22agtpcb0221vynil	INT8	#	Total number of PD measurements between 80 and 87 ms.	Sum, ermgwmsbh
pmI12ValPd	eri_echo_c_pure_delay_tab.r6e6kf5ox22agtpcb0221vynil	INT8	#	Total number of PD measurements between 88 and 95 ms.	Sum, ermgwmsbh

pmI13ValPd	eri_echo_c_pure_delay_tab .r6e6kfaox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 96 and 103 ms.	Sum, ermgwms bh
pmI14ValPd	eri_echo_c_pure_delay_tab .r6e6kfcox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 104 and 111 ms.	Sum, ermgwms bh
pmI15ValPd	eri_echo_c_pure_delay_tab .r6e6kfeox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 112 and 119 ms.	Sum, ermgwms bh
pmI16ValPd	eri_echo_c_pure_delay_tab .r6e6kfgox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 120 and 127 ms.	Sum, ermgwms bh
pmI1ValPd	eri_echo_c_pure_delay_tab .r6e6kfiox22agtpcb0221vy nil	INT8	#	Total number of Pure Delay (PD) measurements between 0 and 7 ms.	Sum, ermgwms bh
pmI2ValPd	eri_echo_c_pure_delay_tab .r6e6kfkox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 8 and 15 ms.	Sum, ermgwms bh
pmI3ValPd	eri_echo_c_pure_delay_tab .r6e6kfmox22agtpcb0221v ynil	INT8	#	Total number of PD measurements between 16 and 23 ms.	Sum, ermgwms bh
pmI4ValPd	eri_echo_c_pure_delay_tab .r6e6kfoox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 24 and 31 ms.	Sum, ermgwms bh
pmI5ValPd	eri_echo_c_pure_delay_tab .r6e6kfqox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 32 and 39 ms.	Sum, ermgwms bh

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	eri_echo_c_pure_delay_tab			Total number of PD	Sum,
pmI6ValPd	.r6e6kfsox22agtpcb0221vy nil	INT8	#	measurements between 40 and 47 ms.	ermgwms bh
pmI7ValPd	eri_echo_c_pure_delay_tab .rfgjlhsox22agtpcb0221vyn il	INT8	#	Total number of PD measurements between 48 and 55 ms.	Sum, ermgwms bh
pmI8ValPd	eri_echo_c_pure_delay_tab .rfgjlhuox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 56 and 63 ms.	Sum, ermgwms bh
pmI9ValPd	eri_echo_c_pure_delay_tab .rfgjlhwox22agtpcb0221vy nil	INT8	#	Total number of PD measurements between 64 and 71 ms.	Sum, ermgwms bh
pmNInvalid	eri_echo_c_pure_delay_tab .rfgjlhyox22agtpcb0221vy nil	INT8	#	Total number of invalid measurements.	Sum, ermgwms bh

6.11 Ethernet_Link Performance Indicators

- Ethernet_Link.Ericsson.UMTS.Interface_Traffic

6.11.1 Ethernet_Link.Ericsson.UMTS.Interface_Traffic

Ethernet link interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfIfInDiscards	eri_mgw_etherlk_tab.rfgjli 1ox22agtpcb0221vynil	INTEGER	#	The number of input packets discarded due to resource limitations.	Sum
pmNoOfIfInErrors	eri_mgw_etherlk_tab.rfgjli 3ox22agtpcb0221vynil	INTEGER	#	The number of input packets discarded due to any error.	Sum
pmNoOfIfInNUcastP	eri_mgw_etherlk_tab.rfgjli	INTEG	#	The number of	Sum

KPI Name	Expression	Data Type	Units	Description	Aggregation
kts	5ox22agtpcb0221vynil	ER		input broadcast or multicast packets delivered to higher layer.	
pmNoOfIfInUcastPkts	eri_mgw_etherlk_tab.rfgjliaox22agtpcb0221vynil	INTEGER	#	The number of input unicast packets delivered to higher layer.	Sum
pmNoOfIfOutDiscards	eri_mgw_etherlk_tab.rfgjlicox22agtpcb0221vynil	INTEGER	#	The number of outbound packets discarded due to resource limitations.	Sum
pmNoOfIfOutNUcastPkts	eri_mgw_etherlk_tab.rfgjlieox22agtpcb0221vynil	INTEGER	#	The number of output broadcast or multicast packets delivered to higher layer.	Sum
pmNoOfIfOutUcastPkts	eri_mgw_etherlk_tab.rfgjligox22agtpcb0221vynil	INTEGER	#	The number of packets that higher-level protocols requested to be transmitted to a subnetwork-unicast address.	Sum

6.12 Fast_Ethernet Performance Indicators

- Fast_Ethernet.Ericsson.UMTS.Interface_Traffic

6.12.1 Fast_Ethernet.Ericsson.UMTS.Interface_Traffic

Fast Ethernet interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

%_Rcvd_Datagram_ Discard	100 * {pmIfInDiscards}/ ({pmIfInBroadcastPkts} + {pmIfInMulticastPkts} + {pmIfInUcastPkts})	FLOAT	%	The ratio of discarded, received IP datagrams	Average, ermpiuldb h
%_Rcvd_Packets_Di scard	100 * {pmIfInErrors}/ ({pmIfInBroadcastPkts} + {pmIfInMulticastPkts} + {pmIfInUcastPkts})	FLOAT	%	The ratio of discarded, received IP packets	Average, ermpiuldb h
%_Sent_Datagram_ Discard	100 * {pmIfOutDiscards}/ ({pmIfOutBroadcastPkts} + {pmIfOutMulticastPkts} + {pmIfOutUcastPkts})	FLOAT	%	The ratio of discarded, sent IP datagrams	Average, ermpiuldb h
%_Sent_Packets_Di scard	100 * {pmIfOutErrors}/ ({pmIfOutBroadcastPkts} + {pmIfOutMulticastPkts} + {pmIfOutUcastPkts})	FLOAT	%	The ratio of discarded, sent IP packets	Average, ermpiuldb h
Avg_Rvcd_Bandwid th	({pmIfInOctetsHi} / (1000000 * {measurement_seconds})) * 8	FLOAT	Mbit/s	Average interface received bandwidth	Average, ermpiuldb h, tot, min, max
Avg_Tx_Bandwidth	({pmIfOutOctetsHi} / (1000000 * {measurement_seconds})) * 8	FLOAT	Mbit/s	Average interface transmitted bandwidth	Average, ermpiuldb h, tot, min, max
pmIfInBroadcastPkts	eri_mgw_fasethrlk_tab.rfg jliiox22agtpcb0221vynil	INTEG ER	#	The number of broadcast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a broadcast address at this sublayer.	Sum, ermpiuldb h
pmIfInDiscards	eri_mgw_fasethrlk_tab.rfg jlikox22agtpcb0221vynil	INTEG ER	#	The number of inbound packets that were chosen to be discarded even though no errors had been detected that prevented them from being delivered to a	Sum, ermpiuldb h

				higher-layer protocol. One possible reason for discarding such a packet could be to free up buffer space.	
pmIfInErrors	eri_mgw_fasethrlk_tab.rfg jlimox22agtpcb0221vynil	INTEG ER	#	Number of input packets discarded due to any error.	Sum, ermpiuldb h
pmIfInMulticastPkts	eri_mgw_fasethrlk_tab.rfg jlioox22agtpcb0221vynil	INTEG ER	#	The number of multicast packets, delivered by this sublayer to a higher (sub-)layer, that were addressed to a multicast address at this sublayer.	Sum, ermpiuldb h
pmIfInOctetsHi	eri_mgw_fasethrlk_tab.rfg jliqox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out from the interface, including framing characters.	Sum, ermpiuldb h
pmIfInOctetsLo	eri_mgw_fasethrlk_tab.rfg jlisox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out from the interface, including framing characters.	Sum, ermpiuldb h
pmIfInUcastPkts	eri_mgw_fasethrlk_tab.rfg jliwox22agtpcb0221vynil	INTEG ER	#	The number of unicast packets, delivered by this sublayer to a higher (sub-)layer, that were not addressed to a multicast or broadcast address at this sublayer.	Sum, ermpiuldb h

pmIfInUnknownProtos	eri_mgw_fasethrlk_tab.rfgjliyox22agtpcb0221vynil	INTEGER	#	The number of packets received that had a protocol not supported or unknown.	Sum, ermpiuldbh
pmIfOutBroadcastPkts	eri_mgw_fasethrlk_tab.rfgjlj1ox22agtpcb0221vynil	INTEGER	#	The total number of broadcast packets that higher-level protocols requested to be transmitted, and which were addressed to a broadcast address at this sublayer, including those that were discarded or not sent.	Sum, ermpiuldbh
pmIfOutDiscards	eri_mgw_fasethrlk_tab.rfgjlj3ox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted, but which were discarded due to lack of resources (for example, buffer space).	Sum, ermpiuldbh
pmIfOutErrors	eri_mgw_fasethrlk_tab.rfgjlj5ox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted, but which were discarded due to errors found in the packets.	Sum, ermpiuldbh
pmIfOutMulticastPkts	eri_mgw_fasethrlk_tab.rfgjljaox22agtpcb0221vynil	INTEGER	#	The total number of multicast packets that higher-level protocols requested to be transmitted, and which were addressed to a multicast address at this sublayer, including those that were discarded or	Sum, ermpiuldbh

				not sent.	
pmIfOutOctetsHi	eri_mgw_fasethrlk_tab.rfg jljcox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out from the interface, including framing characters.	Sum, ermpiuldb h
pmIfOutOctetsLo	eri_mgw_fasethrlk_tab.rfg jljeox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out from the interface, including framing characters.	Sum, ermpiuldb h
pmIfOutUcastPkts	eri_mgw_fasethrlk_tab.rfg jljiox22agtpcb0221vynil	INTEG ER	#	The total number of unicast packets that higher-level protocols requested to be transmitted, and which were not addressed to a multicast or broadcast address at this sublayer, including those that were discarded or not sent.	Sum, ermpiuldb h
Tot_Rcvd_IP_Datag rams	{pmIfInBroadcastPkts} + {pmIfInMulticastPkts} + {pmIfInUcastPkts}	INTEG ER	#	The total number of received IP datagrams	Sum, ermpiuldb h
Tot_Sent_IP_Datagr ams	{pmIfOutBroadcastPkts} + {pmIfOutMulticastPkts} + {pmIfOutUcastPkts}- {pmIfOutDiscards}- {pmIfOutErrors}	INTEG ER	#	The total number of sent IP datagrams	Sum, ermpiuldb h
TotIfInOctetsLo	(2147483648.0 * {pmIfInOctetsHi}) + {pmIfInOctetsLo}	INT8	#	Obsolete in R5.1 and replace by pmIfInOctetsHi :Total number of octets transmitted	Sum, ermpiuldb h

				out from the interface, including framing characters.	
TotIfOutOctetsLo	(2147483648.0 * {pmIfOutOctetsHi}) + {pmIfOutOctetsLo}	INT8	#	Obsolete in R5.1 and replace by pmIfOutOctetsHi:Total number of octets transmitted out on the interface, including framing characters.	Sum, ermpiuldbh

6.13 Gcp_Association Performance Indicators

- Gcp_Association.Ericsson.UMTS.Gcp_Assoc_Quality

6.13.1 Gcp_Association.Ericsson.UMTS.Gcp_Assoc_Quality

GCP association quality

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmNoOfSctpSuccessAssocEstablish	100 * {pmNoOfSctpSuccessAssocEstablish}/ ({pmNoOfSctpSuccessAssocEstablish} + {pmNoOfSctpUnsuccessAssocEstablish})	FLOAT	%	Failure rate of established signalling associations.	Average
pmNoOfSctpCommunicationErr	eri_gcp_assoc_qos_tab.xnqw6x3ylp2ahuovr02ofb3l3m	INTEGER	#	The number of SCTP communication errors.	Sum
pmNoOfSctpCommunicationLost	eri_gcp_assoc_qos_tab.xnqw6x5ylp2ahuovr02ofb3l3m	INTEGER	#	The number of communication lost indications from the SCTP.	Sum

pmNoOfSctpCongestionCeasedIndication	eri_gcp_assoc_qos_tab.xnqw6xaylp2ahuovr02ofb3l3m	INTEGER	#	The number of SCTP data sending resumes.	Sum
pmNoOfSctpCongestionIndication	eri_gcp_assoc_qos_tab.xnqw6xcylp2ahuovr02ofb3l3m	INTEGER	#	The number of SCTP data sending stops due to buffer overflow.	Sum
pmNoOfSctpGcpMsgDiscarded	eri_gcp_assoc_qos_tab.xnqw6xeylp2ahuovr02ofb3l3m	INTEGER	#	The number of discarded GCP messages that the STC was not able to send over SCTP.	Sum
pmNoOfSctpMaxTrialsForAssocEstabReached	eri_gcp_assoc_qos_tab.xnqw6xgylp2ahuovr02ofb3l3m	INTEGER	#	The number of times the maximum limit to establish an association has been reached.	Sum
pmNoOfSctpNetworkStatusChange	eri_gcp_assoc_qos_tab.xnqw6xiylp2ahuovr02ofb3l3m	INTEGER	#	The number of SCTP network status changes.	Sum

pmNoOfSctpSendFailure	eri_gcp_assoc_qos_tab.xnqw6xkylp2ahuovr02ofb3l3m	INTE GER	#	The number of SCTP sending failures.	Sum
pmNoOfSctpSuccessAssocAbort	eri_gcp_assoc_qos_tab.xnqw6xmylp2ahuovr02ofb3l3m	INTE GER	#	The number of successful abortions of signalling associatio ns.	Sum
pmNoOfSctpSuccessAssocEstabli sh	eri_gcp_assoc_qos_tab.xnqw6xoylp2ahuovr02ofb3l3m	INTE GER	#	The number of successful ly establishe d signalling associatio ns.	Sum
pmNoOfSctpUnsuccessAssocEsta blish	eri_gcp_assoc_qos_tab.xnqw6xqylp2ahuovr02ofb3l3m	INTE GER	#	The number of unsuccessf ully establishe d signalling associatio ns.	Sum
Tot_associations_attempts	{pmNoOfSctpSuccessAssoc Abort} + {pmNoOfSctpSuccessAssoc Establish} + {pmNoOfSctpUnsuccessAss ocEstablish}	INT8	#	Total number of signalling associatio ns attempts.	Sum

6.14 GigabitEthernet Performance Indicators

- GigabitEthernet.Ericsson.UMTS.Interface_Traffic

6.14.1 GigabitEthernet.Ericsson.UMTS.Interface_Traffic

Gigabit Interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmDot1qTpVlanPortInDiscardsLink1	eri_mgw_gigaer_tab.rfgjlk1ox22agtpcb0221vynil	INTEGER	#	The number of valid frames discarded due to VLAN reasons (e.g. VLAN id not configured).	Sum, ermpiuldbh
pmDot1qTpVlanPortInDiscardsLink2	eri_mgw_gigaer_tab.rfgjlk3ox22agtpcb0221vynil	INTEGER	#	The number of valid frames discarded due to VLAN reasons (e.g. VLAN id not configured).	Sum, ermpiuldbh
pmIfInBroadcastPktsLink1	eri_mgw_gigaer_tab.rfgjlk5ox22agtpcb0221vynil	INTEGER	#	The number of packets received with a broadcast address delivered to a higher sub-layer.	Sum, ermpiuldbh
pmIfInBroadcastPktsLink2	eri_mgw_gigaer_tab.rlgquekox22agtpcb0221vynil	INTEGER	#	The number of packets received with a broadcast address delivered to a higher sub-layer.	Sum, ermpiuldbh
pmIfInDiscardsLink1	eri_mgw_gigaer_tab.rlgquemox22agtpcb0221vynil	INTEGER	#	The number of received packets discarded due to lack of resources (e.g. buffer space).	Sum, ermpiuldbh
pmIfInDiscardsLink2	eri_mgw_gigaer_tab.rlgqueoox22agtpcb0221vyni	INTEGER	#	The number of received packets	Sum, ermpiuld

	l			discarded due to lack of resources (e.g. buffer space).	bh
pmIfInErrorsLink1	eri_mgw_gigaer_tab.rlgq ueqox22agtpcb0221vyni l	INTEG ER	#	The number of packets received which were discarded due to errors found in the packets.	Sum, ermpiuld bh
pmIfInErrorsLink2	eri_mgw_gigaer_tab.rlgq uesox22agtpcb0221vynil	INTEG ER	#	The number of packets received which were discarded due to errors found in the packets.	Sum, ermpiuld bh
pmIfInMulticastPktsLink1	eri_mgw_gigaer_tab.rlgq ueuox22agtpcb0221vyni l	INTEG ER	#	The number of packets received with a multicast address delivered to a higher sub-layer.	Sum, ermpiuld bh
pmIfInMulticastPktsLink2	eri_mgw_gigaer_tab.rlgq uewox22agtpcb0221vyni l	INTEG ER	#	The number of packets received with a broadcast address delivered to a higher sub-layer.	Sum, ermpiuld bh
pmIfInOctetsLink1Hi	eri_mgw_gigaer_tab.rlgq ueyox22agtpcb0221vyni l	INT8	#	The total number of octets received on the interface, including framing characters.	Sum, ermpiuld bh
pmIfInOctetsLink1Lo	eri_mgw_gigaer_tab.rlgq uf1ox22agtpcb0221vynil	INT8	#	The total number of octets received on the interface, including framing characters.	Sum, ermpiuld bh
pmIfInOctetsLink2Hi	eri_mgw_gigaer_tab.rlgq uf3ox22agtpcb0221vynil	INT8	#	The total number of octets received on the interface, including framing	Sum, ermpiuld bh

				characters.	
pmIfInOctetsLink2Lo	eri_mgw_gigaer_tab.rlgq uf5ox22agtpcb0221vynil	INT8	#	The total number of octets received on the interface, including framing characters.	Sum, ermpiuld bh
pmIfInUcastPktsLink1	eri_mgw_gigaer_tab.rlgq ufeox22agtpcb0221vynil	INTEG ER	#	The number of packets received which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer.	Sum, ermpiuld bh
pmIfInUcastPktsLink2	eri_mgw_gigaer_tab.rlgq ufgox22agtpcb0221vynil	INTEG ER	#	The number of packets received which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer.	Sum, ermpiuld bh
pmIfInUnknownProtosLin k1	eri_mgw_gigaer_tab.rlgq ufiox22agtpcb0221vynil	INTEG ER	#	The number of packets received which had a protocol not supported or unknown.	Sum, ermpiuld bh
pmIfInUnknownProtosLin k2	eri_mgw_gigaer_tab.rlgq ufkox22agtpcb0221vynil	INTEG ER	#	The number of packets received which had a protocol not supported or unknown.	Sum, ermpiuld bh
pmIfOutBroadcastPktsLink 1	eri_mgw_gigaer_tab.rlgq ufmox22agtpcb0221vyni l	INTEG ER	#	The number of packets requested to be transmitted	Sum, ermpiuld bh

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				with a broadcast address delivered to a higher sub-layer.	
pmIfOutBroadcastPktsLink2	eri_mgw_gigaer_tab.rlgqufoox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted with a broadcast address delivered to a higher sub-layer.	Sum, ermpiuldbh
pmIfOutDiscardsLink1	eri_mgw_gigaer_tab.rlgqufqox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted discarded due to lack of resources (e.g. buffer space).	Sum, ermpiuldbh
pmIfOutDiscardsLink2	eri_mgw_gigaer_tab.rlgqufsox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted discarded due to lack of resources (e.g. buffer space).	Sum, ermpiuldbh
pmIfOutErrorsLink1	eri_mgw_gigaer_tab.rlgqufuox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted discarded due to errors found in the packets.	Sum, ermpiuldbh
pmIfOutErrorsLink2	eri_mgw_gigaer_tab.rlgqufwox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted discarded due to errors found in the packets.	Sum, ermpiuldbh
pmIfOutMulticastPktsLink1	eri_mgw_gigaer_tab.rlgqufyox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted with a multicast address delivered to a higher sub-layer.	Sum, ermpiuldbh

pmIfOutMulticastPktsLink2	eri_mgw_gigaer_tab.rlgqug1ox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted with a multicast address delivered to a higher sub-layer.	Sum, ermpiuldbh
pmIfOutOctetsLink1Hi	eri_mgw_gigaer_tab.rlgqug3ox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out of the interface, including framing characters.	Sum, ermpiuldbh
pmIfOutOctetsLink1Lo	eri_mgw_gigaer_tab.rlgqug5ox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out of the interface, including framing characters.	Sum, ermpiuldbh
pmIfOutOctetsLink2Hi	eri_mgw_gigaer_tab.rlgqugaox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out of the interface, including framing characters.	Sum, ermpiuldbh
pmIfOutOctetsLink2Lo	eri_mgw_gigaer_tab.rlgqugcox22agtpcb0221vynil	INT8	#	The total number of octets transmitted out of the interface, including framing characters.	Sum, ermpiuldbh
pmIfOutUcastPktsLink1	eri_mgw_gigaer_tab.rlgqugiox22agtpcb0221vynil	INTEGER	#	The number of packets requested to be transmitted which was not addressed to a broadcast or broadcast address	Sum, ermpiuldbh

				delivered to a higher sub-layer.	
pmIfOutUcastPktsLink2	eri_mgw_gigaer_tab.rlgq ugkox22agtpcb0221vyni l	INTEG ER	#	The number of packets requested to be transmitted which was not addressed to a broadcast or broadcast address delivered to a higher sub-layer.	Sum, ermpiuld bh
Received_Bandwitdth_Lin k1	((2147483648.0 * {pmIfInOctetsLink1Hi}) + {pmIfInOctetsLink1Lo}) / (1000000 * {measurement_seconds}) * 8	FLOA T	Mbit /s	Average received bandwidth on link 1	Average, ermpiuld bh, tot, min, max
Received_Bandwitdth_Lin k2	((2147483648.0 * {pmIfInOctetsLink2Hi}) + {pmIfInOctetsLink2Lo}) / (1000000 * {measurement_seconds}) * 8	FLOA T	Mbit /s	Average received bandwidth on link 2	Average, ermpiuld bh, tot, min, max
TotIfInOctetsLink1	(2147483648.0 * {pmIfInOctetsLink1Hi}) + {pmIfInOctetsLink1Lo}	INT8	#	Link1: Total number of octets received on the interface, including framing characters. (pmIfInOctetsLink 1Hi + pmIfInOctetsLink1 Lo)	Sum, ermpiuld bh
TotIfInOctetsLink2	(2147483648.0 * {pmIfInOctetsLink2Hi}) + {pmIfInOctetsLink2Lo}	INT8	#	Link2: Total number of octets received on the interface, including framing characters. (pmIfInOctetsLink 2Hi + pmIfInOctetsLink2 Lo)	Sum, ermpiuld bh

TotIfOutOctetsLink1	(2147483648.0 * {pmIfOutOctetsLink1Hi}) + {pmIfOutOctetsLink1Lo}	INT8	#	Link1: Total number of octets transmitted out of the interface, including framing characters. (pmIfOutOctetsLink1Hi+pmIfOutOctetsLink1Lo)	Sum, ermpiuld bh
TotIfOutOctetsLink2	(2147483648.0 * {pmIfOutOctetsLink2Hi}) + {pmIfOutOctetsLink2Lo}	INT8	#	Link2: Total number of octets transmitted out of the interface, including framing characters. (pmIfOutOctetsLink2Hi+pmIfOutOctetsLink2Lo)	Sum, ermpiuld bh
Transmitted_Bandwitdth_Link1	((2147483648.0 * {pmIfOutOctetsLink1Hi}) + {pmIfOutOctetsLink1Lo}) / (1000000 * {measurement_seconds}) * 8	FLOAT	Mbit/s	Average transmitted bandwidth on link 1	Average, ermpiuld bh, tot, min, max
Transmitted_Bandwitdth_Link2	((2147483648.0 * {pmIfOutOctetsLink2Hi}) + {pmIfOutOctetsLink2Lo}) / (1000000 * {measurement_seconds}) * 8	FLOAT	Mbit/s	Average transmitted bandwidth on link 2	Average, ermpiuld bh, tot, min, max

6.15 IMA Performance Indicators

- IMA.Ericsson.UMTS.IMA_Group
- IMA.Ericsson.UMTS.IMA_Link

6.15.1 IMA.Ericsson.UMTS.IMA_Group

IMA group data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmGrFcFe	eri_ima_ima_group_tab.rrh uqsmox22agtpcb0221vynil	INT8	#	Total number of far end group failure condition entrances.	Sum, ermgwms bh
pmGrFc	eri_ima_ima_group_tab.rrh uqskox22agtpcb0221vynil	INT8	#	Total number of local end group failure condition entrances.	Sum, ermgwms bh
pmGrUasIma	eri_ima_ima_group_tab.rrh uqsoox22agtpcb0221vynil	INT8	#	Total number of one second intervals, where the Group Traffic State Machine (GTSM) is down.	Sum, ermgwms bh

6.15.2 IMA.Ericsson.UMTS.IMA_Link

IMA link data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmIvIma	eri_ima_ima_link_tab.rrhu qsqox22agtpcb0221vynil	INT8	#	Total number of IMA Control Protocol (ICP) Violations.	Sum, ermgwms bh
pmOifIma	eri_ima_ima_link_tab.rrhu qssox22agtpcb0221vynil	INT8	#	Total number of Out of IMA Frame (OIF) anomalies.	Sum, ermgwms bh
pmRxFcFe	eri_ima_ima_link_tab.rrhu qswox22agtpcb0221vynil	INT8	#	Total number of far end Rx link failures.	Sum, ermgwms bh
pmRxFc	eri_ima_ima_link_tab.rrhu qsuox22agtpcb0221vynil	INT8	#	Total number of local end Rx link failures.	Sum, ermgwms bh
pmRxStuffIma	eri_ima_ima_link_tab.rrhu	INT8	#	Total number of	Sum,

	qsyox22agtpcb0221vynil			stuff events inserted in the receive direction, except during SES-IMA or UAS-IMA conditions.	ermgwms bh
pmRxUusImaFe	eri_ima_ima_link_tab.rrhu qt3ox22agtpcb0221vynil	INT8	Second	Total number of Rx Unusable Seconds indications from the Rx far end LSM.	Sum, ermgwms bh
pmRxUusIma	eri_ima_ima_link_tab.rrhu qt1ox22agtpcb0221vynil	INT8	Second	Total number of Rx Unusable Seconds.	Sum, ermgwms bh
pmSesImaFe	eri_ima_ima_link_tab.rrhu qtaox22agtpcb0221vynil	INT8	#	Total number of one second intervals containing one or more Remote Defect Indicator for IMA (RDI-IMA) defects, except during Unavailable Seconds for IMA at far end (UASIMA-FE) conditions.	Sum, ermgwms bh
pmSesIma	eri_ima_ima_link_tab.rrhu qt5ox22agtpcb0221vynil	INT8	#	Total number of one second intervals containing 30% of the ICP cells counted as IV-IMAs or one or more link defects, Loss of IMA Frame (LIF) or Link Out of Delay Synchronization (LODS) defects, except during UAS-IMA conditions.	Sum, ermgwms bh

pmTxFcFe	eri_ima_ima_link_tab.rrhu qteox22agtpcb0221vynil	INT8	#	Total number of far end Tx link failures.	Sum, ermgwms bh
pmTxFc	eri_ima_ima_link_tab.rrhu qtcox22agtpcb0221vynil	INT8	#	Total number of local end Tx link failures.	Sum, ermgwms bh
pmTxStuffIma	eri_ima_ima_link_tab.rrhu qtgox22agtpcb0221vynil	INT8	#	Total number of stuff events inserted in the transmit direction.	Sum, ermgwms bh
pmTxUusImaFe	eri_ima_ima_link_tab.rrhu qtkox22agtpcb0221vynil	INT8	Second	Total number of Tx Unusable Second indications from the Tx far end LSM.	Sum, ermgwms bh
pmTxUusIma	eri_ima_ima_link_tab.rrhu qtiox22agtpcb0221vynil	INT8	Second	Total number of Tx Unusable Seconds.	Sum, ermgwms bh
pmUasImaFe	eri_ima_ima_link_tab.rrhu qtoox22agtpcb0221vynil	INT8	Second	Total number of Unavailable Seconds at far end.	Sum, ermgwms bh
pmUasIma	eri_ima_ima_link_tab.rrhu qtmox22agtpcb0221vynil	INT8	Second	Total number of Unavailable Seconds at local end.	Sum, ermgwms bh

6.16 Interactive_Messaging Performance Indicators

- Interactive_Messaging.Ericsson.UMTS.Interactive_Message

6.16.1 Interactive_Messaging.Ericsson.UMTS.Interactive_Message

Interactive message data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmCallAttempts	100 * {pmCallAttempts}/ ({pmCallAttempts}+ {pmFailedCallAttempts})	FLOAT	%	Invocations success rate of this message.	Average, ermgwms bh
pmCallAttempts	eri_ia_mess_ia_mess_tab.r xh6g5eox22agtpcb0221vy	INT8	#	Total number of successful	Sum, ermgwms

	nil			invocations of this message.	bh
pmFailedCallAttempts	eri_ia_mess_ia_mess_tab.rxh6g5gox22agtpcb0221vynil	INT8	#	Total number of unsuccessful invocations of this message.	Sum, ermgwmsbh

6.17 Ip_Atm_Link Performance Indicators

- Ip_Atm_Link.Ericsson.UMTS.Link_Traffic

6.17.1 Ip_Atm_Link.Ericsson.UMTS.Link_Traffic

IP on ATM link statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfIfInDiscards	eri_mgw_ipatmlk_tab.rxh6g5kox22agtpcb0221vynil	INTEGER	#	The number of input packets discarded due to resource limitations.	Sum
pmNoOfIfInErrors	eri_mgw_ipatmlk_tab.rxh6g5mox22agtpcb0221vynil	INTEGER	#	The number of input packets discarded due to any error.	Sum
pmNoOfIfInNUcastPkts	eri_mgw_ipatmlk_tab.rxh6g5oox22agtpcb0221vynil	INTEGER	#	The number of input broadcast or multicast packets delivered to higher layer.	Sum
pmNoOfIfInUcastPkts	eri_mgw_ipatmlk_tab.rxh6g5qox22agtpcb0221vynil	INTEGER	#	The number of input unicast packets delivered to higher layer.	Sum
pmNoOfIfOutDiscar	eri_mgw_ipatmlk_tab.rxh6	INTEG	#	The number of	Sum

				outbound packets discarded due to resource limitations.	
ds	g5sox22agtpcb0221vynil	ER			
pmNoOfIfOutNUcastPkts	eri_mgw_ipatmlk_tab.rxh6g5uox22agtpcb0221vynil	INTEGER	#	The number of output broadcast or multicast packets delivered to higher layer.	Sum
pmNoOfIfOutUcastPkts	eri_mgw_ipatmlk_tab.rxh6g5wox22agtpcb0221vynil	INTEGER	#	The number of packets that higher-level protocols requested to be transmitted to a subnetwork-unicast address.	Sum

6.18 IP_Interface Performance Indicators

- IP_Interface.Ericsson.UMTS.GigabitEthernet_Interface
- IP_Interface.Ericsson.UMTS.IP_Payload

6.18.1 IP_Interface.Ericsson.UMTS.GigabitEthernet_Interface

GigabitEthernet interface IP statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
%_Rcvd_Datagram_Discard	100 * {pmIfStatsIpInDiscards}/ {pmIfStatsIpInReceives}	FLOAT	%	The ratio of discarded, received IP datagrams	Average
%_Received_IP_Packet_Err_Intf	100 * ({pmIfStatsIpAddrErrors} + {pmIfStatsIpInHdrErrors} + {pmIfStatsIpUnknownProtos})/ {pmIfStatsIpInReceives}	FLOAT	%	The ratio of errored, received IP packets at Interface	Average

_%_Sent_Datagram_Discard	100 * {pmIfStatsIpOutDiscards} / {pmIfStatsIpOutRequests}	FLOAT	%	The ratio of discarded, sent IP datagrams	Average
pmDot1qTpVlanPortInFrames	eri_mgw_ipgiga_if_tab.rrh uqtqox22agtpcb0221vynil	INTEGER	#	The number of valid frames received on this port belonging to this VLAN and with a protocol processed by the local forwarding process.	Sum
pmDot1qTpVlanPortOutFrames	eri_mgw_ipgiga_if_tab.rrh uqtsox22agtpcb0221vynil	INTEGER	#	The number of valid frames transmitted from this port belonging to this VLAN.	Sum
pmIfStatsIpAddrErrors	eri_mgw_ipgiga_if_tab.rrh uqtuox22agtpcb0221vynil	INTEGER	#	Number of received IP datagrams discarded due to invalid header address.	Sum
pmIfStatsIpInDiscards	eri_mgw_ipgiga_if_tab.rrh uqtwox22agtpcb0221vynil	INTEGER	#	Number of received IP datagrams discarded due to resource problems (for example, lack of buffer space).	Sum
pmIfStatsIpInHdrErrors	eri_mgw_ipgiga_if_tab.rrh uqtyox22agtpcb0221vynil	INTEGER	#	Number of received IP datagrams with an error in the	Sum

				header.	
pmIfStatsIpInReceives	eri_mgw_ipgiga_if_tab.rrh uqu1ox22agtpcb0221vynil	INTEG ER	#	Number of received IP datagrams, including those with errors.	Sum
pmIfStatsIpOutDiscards	eri_mgw_ipgiga_if_tab.rrh uqu3ox22agtpcb0221vynil	INTEG ER	#	The number of IP datagrams that should be sent, but which were discarded due to resource problems (for example, lack of buffer space).	Sum
pmIfStatsIpOutRequests	eri_mgw_ipgiga_if_tab.rrh uqu5ox22agtpcb0221vynil	INTEG ER	#	Number of IP datagrams requested by the IP user protocol to be processed for sending.	Sum
pmIfStatsIpUnknownProt os	eri_mgw_ipgiga_if_tab.rrh uquaox22agtpcb0221vynil	INTEG ER	#	Number of IP datagrams received, with an unknown or not supported protocol.	Sum
pmNoOfFailedPingsDefa ultRouter0	eri_mgw_ipgiga_if_tab.xn qw6xsylp2ahuovr02ofb3l3 m	INTEG ER	#	The total number of failed pings towards the defaultRouter0 on the active link only. The counter value survives the link switch when applicable.	Sum
pmNoOfFailedPingsDefa ultRouter1	eri_mgw_ipgiga_if_tab.xn qw6xuylp2ahuovr02ofb3l3 m	INTEG ER	#	The total number of failed pings towards the	Sum

				defaultRouter1 on the active link only. The counter value survives the link switch when applicable.	
pmNoOfFailedPingsDefaultRouter2	eri_mgw_ipgiga_if_tab.xnqw6xwylp2ahuovr02ofb3l3m	INTEGER	#	The total number of failed pings towards the defaultRouter2 on the active link only. The counter value survives the link switch when applicable.	Sum
Tot_IP_Datagram_Sent	{pmIfStatsIpOutRequests} - {pmIfStatsIpOutDiscards}	INTEGER	#	The total number of sent IP datagrams	Sum

6.18.2 IP_Interface.Ericsson.UMTS.IP_Payload

Payload data

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_Rcvd_Datagram_Discard	100 * {pmIpInDiscards}/ {pmIpInReceives}	FLOAT	%	The ratio of discarded, received IP datagrams	Average
_%_Received_IP_Packet_Err_Host	100 * (({pmIpInAddrErrors} + {pmIpInHdrErrors} + {pmIpInUnknownProtos})/ {pmIpInReceives})	FLOAT	%	The ratio of errored, received IP packets at Host	Average
_%_Sent_Datagram_	100 * {pmIpOutDiscards}/ {pmIpOutRequests}	FLOAT	%	The ratio of discarded,	Average

Discard				transmitted IP datagrams	
pmIcmpInDestUnrea chs	eri_ip_intface_ip_pl_tab.rr huqukox22agtpcb0221vyni l	INT8	#	Total number of ICMP Destination Unreachable messages received.	Sum
pmIcmpInEchoReps	eri_ip_intface_ip_pl_tab.xn qwabeylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of received ICMP Echo Reply messages.	Sum
pmIcmpInEchos	eri_ip_intface_ip_pl_tab.xn qwabgylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of received ICMP Echo Request messages.	Sum
pmIcmpInErrors	eri_ip_intface_ip_pl_tab.rr huqumox22agtpcb0221vyn il	INT8	#	Total number of ICMP messages which the entity received but determined as having ICMP- specific errors.	Sum
pmIcmpInMsgs	eri_ip_intface_ip_pl_tab.rr huquoox22agtpcb0221vyni l	INT8	#	Total number of ICMP messages which the entity received.	Sum
pmIcmpInParamProb s	eri_ip_intface_ip_pl_tab.xn qwabiylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of received ICMP messages indicating Parameter Problem.	Sum
pmIcmpInRedirects	eri_ip_intface_ip_pl_tab.xn qwabkylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of received ICMP Redirect messages.	Sum
pmIcmpInSrcQuench s	eri_ip_intface_ip_pl_tab.xn qwabmylp2ahuovr02ofb3l 3m	INTEG ER	#	The number of received ICMP Source Quench messages.	Sum
pmIcmpInTimeExcd s	eri_ip_intface_ip_pl_tab.xn qwaboylp2ahuovr02ofb3l3	INTEG ER	#	The number of received ICMP	Sum

				Time Exceeded messages.	
pmIcmpOutDestUnr eachs	eri_ip_intface_ip_pl_tab.rr huquqox22agtpcb0221vyni l	INT8	#	Total number of ICMP Destination Unreachable messages sent.	Sum
pmIcmpOutEchoRep s	eri_ip_intface_ip_pl_tab.xn qwabqylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of sent ICMP Echo Reply messages.	Sum
pmIcmpOutEchos	eri_ip_intface_ip_pl_tab.xn qwabsylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of sent ICMP Echo Request messages.	Sum
pmIcmpOutErrors	eri_ip_intface_ip_pl_tab.xn qwabuylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of ICMP messages not sent out due to internal capacity problem.	Sum
pmIcmpOutMsgs	eri_ip_intface_ip_pl_tab.rr huqusox22agtpcb0221vyni l	INT8	#	Total number of ICMP messages which this entity attempted to send.	Sum
pmIcmpOutParamPr obs	eri_ip_intface_ip_pl_tab.xn qwabwylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of sent ICMP messages indicating problem with the header parameters (e.g incorrect arguments in an option) such that it cannot complete processing the datagram and it must discard the datagram.	Sum
pmIpInAddrErrors	eri_ip_intface_ip_pl_tab.rr huquuox22agtpcb0221vyni l	INT8	#	Total number of input datagrams discarded because	Sum

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				the IP address in their IP headers destination field was not a valid address to be received at this entity.	
pmIpInDelivers	eri_ip_intface_ip_pl_tab.rr huquwox22agtpcb0221vyn il	INT8	#	Total number of input datagrams successfully delivered to IP user-protocols (including ICMP).	Sum
pmIpInDiscards	eri_ip_intface_ip_pl_tab.rx h6g5aox22agtpcb0221vyni l	INTEG ER	#	The number of input IP datagrams, for which no problems were encountered that prevent their continued processing, but which were discarded, for example, due to lack of buffer space. Note that this counter does not include any datagrams discarded while awaiting reassembly.	Sum
pmIpInHdrErrors	eri_ip_intface_ip_pl_tab.rr huquyox22agtpcb0221vyni l	INT8	#	Total number of input datagrams discarded due to errors in their IP headers.	Sum
pmIpInReceives	eri_ip_intface_ip_pl_tab.rr huqv1ox22agtpcb0221vyni l	INT8	#	Total number of input datagrams received from interfaces.	Sum
pmIpInUnknownProt os	eri_ip_intface_ip_pl_tab.rr huqv3ox22agtpcb0221vyni	INT8	#	Total number of locally-addressed	Sum

	l			datagrams received successfully but discarded because of an unknown or unsupported protocol.	
pmIpOutDiscards	eri_ip_intface_ip_pl_tab.rx h6g5cox22agtpcb0221vyni l	INTEG ER	#	The number of output IP datagrams, for which no problem was encountered to prevent transmission to their destination, but which were discarded (for example, due to lack of buffer space). Note that this counter includes datagrams counted in ipForwDatagrams, if any such packets met this (discretionary) discard criterion.	Sum
pmIpOutRequests	eri_ip_intface_ip_pl_tab.rr huqv5ox22agtpcb0221vyni l	INT8	#	Total number of IP datagrams which local IP userprotocols (including ICMP) supplied to IP in requests for transmission.	Sum
pmUdpInDatagrams	eri_ip_intface_ip_pl_tab.rr huqvaox22agtpcb0221vyni l	INT8	#	Total number of UDP datagrams delivered to UDP users.	Sum

pmUdpInErrors	eri_ip_intface_ip_pl_tab.rr huqvcox22agtpcb0221vyni l	INT8	#	Total number of received UDP datagrams that could not be delivered for reasons other than the lack of an application at the destination port.	Sum
pmUdpNoPorts	eri_ip_intface_ip_pl_tab.rr huqveox22agtpcb0221vyni l	INT8	#	Total number of received UDP datagrams for which there was no application at the destination port.	Sum
pmUdpOutDatagram s	eri_ip_intface_ip_pl_tab.rr huqvgox22agtpcb0221vyni l	INT8	#	Total number of UDP datagrams sent from this entity.	Sum

6.19 Ip_Protocol_Layer Performance Indicators

- Ip_Protocol_Layer.Ericsson.UMTS.Interface_Traffic

6.19.1 Ip_Protocol_Layer.Ericsson.UMTS.Interface_Traffic

IP interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmNoOfHdrErrors	eri_mgw_ipproto_if_tab.rx h6g5yox22agtpcb0221vyni l	INTEG ER	#	The number of datagrams discarded due to format error.	Sum
pmNoOfIpAddrError s	eri_mgw_ipproto_if_tab.rx h6g61ox22agtpcb0221vyni l	INTEG ER	#	The number of datagrams discarded due to error in the address.	Sum
pmNoOfIpForwData grams	eri_mgw_ipproto_if_tab.rx h6g63ox22agtpcb0221vyni	INTEG ER	#	The number of datagrams	Sum

l				forwarded.	
pmNoOfIpInDiscards	eri_mgw_ipproto_if_tab.rx h6g65ox22agtpcb0221vyni l	INTEG ER	#	The number of datagrams discarded due to resource limitations.	Sum
pmNoOfIpInReceive s	eri_mgw_ipproto_if_tab.rx h6g6aox22agtpcb0221vyni l	INTEG ER	#	Total number of datagrams received.	Sum
pmNoOfIpOutDiscar ds	eri_mgw_ipproto_if_tab.rx h6g6cox22agtpcb0221vyni l	INTEG ER	#	The number of datagrams discarded due to lack of resources.	Sum
pmNoOfIpReasmOK s	eri_mgw_ipproto_if_tab.rx h6g6eox22agtpcb0221vyni l	INTEG ER	#	The number of datagrams successfully reassembled.	Sum
pmNoOfIpReasmReq ds	eri_mgw_ipproto_if_tab.rx h6g6gox22agtpcb0221vyni l	INTEG ER	#	The number of fragments received that need reassembly.	Sum

6.20 IUA_App_Server Performance Indicators

- IUA_App_Server.Ericsson.UMTS.IUA_AppSvr_Quality

6.20.1 IUA_App_Server.Ericsson.UMTS.IUA_AppSvr_Quality

IUA application server quality

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmIuaSctpComLostEx tReasons	eri_iua_appsvr_qos_tab.xn qw6xyylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of times the underlying Stream Control	Sum

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				Transmission Protocol (SCTP) communication for the IUA layer is lost due to external reasons.	
pmIuaSctpComLostIntReasons	eri_iua_appsvr_qos_tab.xnqw6y1ylp2ahuovr02ofb3l3m	INTEGER	#	The number of times the underlying SCTP communication for the IUA layer is lost due to node internal reasons.	Sum
pmRecAspdnMessages	eri_iua_appsvr_qos_tab.xnqw6y3ylp2ahuovr02ofb3l3m	INTEGER	#	The number of received Application Server Process (ASP) Down (ASPDN) messages.	Sum
pmRecAspiaMessages	eri_iua_appsvr_qos_tab.xnqw6y5ylp2ahuovr02ofb3l3m	INTEGER	#	The number of received ASP Inactive (ASPIA) messages.	Sum
pmSentIuaMessages	eri_iua_appsvr_qos_tab.xnqw6yaylp2ahuovr02ofb3l3m	INTEGER	#	The number of sent IUA messages.	Sum
pmSentQptmMessages	eri_iua_appsvr_qos_tab.xnqw6ycylp2ahuovr02ofb3l3m	INTEGER	#	The number of sent Q.921/Q.931 Boundary Primitives Transport (QPTM) Messages .	Sum
pmUnsentIuaMessages	eri_iua_appsvr_qos_tab.xnqw6yeylp2ahuovr02ofb3l3m	INTEGER	#	The number of unsent IUA messages.	Sum
pmUnsentQptmMessages	eri_iua_appsvr_qos_tab.xnqw6ygylp2ahuovr02ofb3l3m	INTEGER	#	The number of unsent QPTM Messages.	Sum

6.21 Medium_Access_Unit Performance Indicators

- Medium_Access_Unit.Ericsson.UMTS.Ethernet_Transceiver_Function

6.21.1 Medium_Access_Unit.Ericsson.UMTS.Ethernet_Transceiver_Function

Ethernet transceiver statistics on the General Processor Board

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfDot3StatsFCSErrors	eri_mgw_mau_ether_tab.spl2vlqox22agtpcb0221vynil	INTEGER	#	The number of frames that did not pass the Frame Check Sequence (FCS) check. (When the packet is received, its value is compared with the FCS and if the package is damaged it is removed).	Sum, ermpiuldbh
pmNoOfDot3StatsLateCollisions	eri_mgw_mau_ether_tab.spl2vlsox22agtpcb0221vynil	INTEGER	#	The number of times that a collision was detected on the interface after the minimum length of a frame.	Sum, ermpiuldbh

6.22 MGW Performance Indicators

- MGW.Ericsson.UMTS.Accessibility_Retainability
- MGW.Ericsson.UMTS.Connection_Quality
- MGW.Ericsson.UMTS.Service_and_software_licensing
- MGW.Ericsson.UMTS.Signalling_Traffic

6.22.1 MGW.Ericsson.UMTS.Accessibility_Retainability

M-MGW Accessibility and Retainability

KPI Name	Expression	Data Type	Un its	Descript ion	Aggrega tion
_%_MGW_Accessibility	(1 - ((({pmNrOfAal2TermsRej} + {pmNrOfIpTermsRej} + {pmNrOfTDMTermsRej}) / ({pmNrOfAal2TermsReq} + {pmNrOfIpTermsReq} + {pmNrOfTDMTermsReq} - {pmNrOfMediaStreamCh annelsRejectedDueToCap acity}))) * 100	FLOA T	%	The M-MGW accessibi lity	Average, ermgwm sbh, tot, min, max
_%_MGW_Retainability	(1 - ({pmNrOfGcpNotifyCsdF aultAEst} + {pmNrOfGcpNotifySpeec hFaultAEst}) / ({pmNrOfAal2TermsReq} + {pmNrOfIpTermsReq} + {pmNrOfTDMTermsReq} - {pmNrOfAal2TermsRej} - {pmNrOfIpTermsRej} - {pmNrOfTDMTermsRej})) * 100	FLOA T	%	The M-MGW connecti on retainabi lity	Average, ermgwm sbh, tot, min, max
pmNrOfAal2TermsRej	eri_mgw_acc_ret_tab.rxh 6g6iox22agtpcb0221vynil	INTE GER	#	Aggregat ed:Total number of unsucces sful AAL2 terminati on	Sum, ermgwm sbh

				requests in this VMGw.	
pmNrOfAal2TermsReq	eri_mgw_acc_ret_tab.rxh6g6mox22agtpcb0221vynil	INTEGER	#	Aggregated:Total number of AAL2 termination requests in this VMGw.	Sum, ermgwmsbh
pmNrOfGcpNotifyCsdFaultAEst	eri_mgw_acc_ret_tab.rxh6ga1ox22agtpcb0221vynil	INTEGER	#	Aggregated:The total number of encountered Circuit Switched Data (CSD) termination faults after bearer establishment (between establishment of bearer and reception of Gateway Control Protocol (GCP)	Sum, ermgwmsbh

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				Sub, resulting in the sending of a GCP Notify message towards the MGC.	
pmNrOfGcpNotifySpeechFaultAEst	eri_mgw_acc_ret_tab.rxh 6ga3ox22agtpcb0221vyni l	INTE GER	#	Aggregat ed:The total number of encounte red speech terminati on faults after bearer establish ment (between establish ment of bearer and reception of Gateway Control Protocol (GCP) Sub that result in the sending of a GCP Notify message towards the Media	Sum, ermgwm sbh

				Gateway controller (MGC).	
pmNrOfIpTermsRej	eri_mgw_acc_ret_tab.rxh6g6yox22agtpcb0221vynil	INTEGER	#	Aggregated:Total number of unsuccessful IP termination requests in this VMGw.	Sum, ermgwmsbh
pmNrOfIpTermsReq	eri_mgw_acc_ret_tab.rxh6g6oox22agtpcb0221vynil	INTEGER	#	Aggregated:Total number of IP termination requests in this VMGw.	Sum, ermgwmsbh
pmNrOfMediaStreamChannelsRejectedDueToCapacity	eri_mgw_acc_ret_tab.rxh6g6wox22agtpcb0221vynil	INTEGER	#	(From MGW-Service_and_software_licensing KPI Group)	Sum, ermgwmsbh
pmNrOfTDMTermsRej	eri_mgw_acc_ret_tab.rxh6g6kox22agtpcb0221vynil	INTEGER	#	Aggregated:Total number of TDM Requests Rejected	Sum, ermgwmsbh

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				in TDM Termination Group.	
pmNrOfTDMTermsReq	eri_mgw_acc_ret_tab.rxh 6g6qox22agtpcb0221vyni l	INT8	#	Aggregat ed:Total Number of TDM Seizure Requests in TDM Terminat ion Group.	Sum, ermgwm sbh

6.22.2 MGW.Ericsson.UMTS.Connection_Quality

MGW connection quality data

KPI Name	Expression	Data Type	Units	Description	Aggregati on
_ %_IP_Signalling_Qu ality	(1 - (thresholddiv((({pmIpInDis cards} + {pmIpOutDiscards} + {pmIpInAddrErrors} + {pmIpInHdrErrors} + {pmIpInUnknownProtos}), ({pmIpInReceives} + {pmIpOutRequests}), 0, 1))) * 100	FLOAT	%	The M-MGW IP signalling quality percentage	Average, tot, min, max
_ %_IP_User_Plane_Q uality	(1 - (thresholddiv((({R_pmRtpD iscardedPkts} + {R_pmRtpLostPkts} + {UR_pmRtpDiscardedPkts } + {UR_pmRtpLostPkts}), ((({R_pmRtpReceivedPkts Hi} * 2147483648.0)+ {R_pmRtpReceivedPktsLo } + ({UR_pmRtpReceivedPkts Hi} * 2147483648.0) +	FLOAT	%	The M-MGW IP user plane quality percentage	Average, tot, min, max

	{UR_pmRtpReceivedPkts Lo}), 0, 1))) * 100				
pmIpInAddrErrors	eri_mgw_conqos_tab.xnqw acaylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of input datagrams discarded because the IP address in their IP headers destination field was not a valid address to be received at this entity.	Sum
pmIpInDiscards	eri_mgw_conqos_tab.xnqw accylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of input IP datagrams for which no problems were encountered to prevent their continued processing, but which were discarded.	Sum
pmIpInHdrErrors	eri_mgw_conqos_tab.xnqw aceylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of input datagrams discarded due to errors in their IP headers.	Sum
pmIpInReceives	eri_mgw_conqos_tab.xnqw acgylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of input datagrams received from interfaces.	Sum
pmIpInUnknownProtos	eri_mgw_conqos_tab.xnqw aciylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of locally-addressed datagrams	Sum

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				received successfully but discarded because of an unknown or unsupported protocol.	
pmIpOutDiscards	eri_mgw_conqos_tab.xnqw ackylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of output IP datagrams for which no problem was encountered to prevent their transmission to their destination, but which were discarded (for example, for lack of buffer space).	Sum
pmIpOutRequests	eri_mgw_conqos_tab.xnqw acmylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of IP datagrams which local IP userprotocols (including ICMP) supplied to IP in requests for transmission.	Sum
R_pmRtpDiscardedP kts	eri_mgw_conqos_tab.xnqw abyylp2ahuovr02ofb3l3m	INTEG ER	#	Aggregated:The number of discarded Real-time Transport Protocol (RTP) packets, that is, received RTP packets discarded due to header validity checks or due to misordered sequence numbers.	Sum
R_pmRtpLostPkts	eri_mgw_conqos_tab.xnqw ac1ylp2ahuovr02ofb3l3m	INTEG ER	#	Aggregated:The total number of dropped Real-time Transport Protocol	Sum

				(RTP) packets.	
R_pmRtpReceivedOctetsHi	eri_mgw_conqos_tab.xnqwae1ylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceivedOctetsHi (bit 61-31) - pmRtpReceivedOctetsLo (bit 30-0).	Sum
R_pmRtpReceivedOctetsLo	eri_mgw_conqos_tab.xnqwae3ylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceivedOctetsHi (bit 61-31) - pmRtpReceivedOctetsLo (bit 30-0).	Sum
R_pmRtpReceivedPktsHi	eri_mgw_conqos_tab.xnqwac3ylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:The total number of received RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPktsHi (bit 61-31) -	Sum

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				pmRtpReceivedPktsLo (bit 30-0).	
R_pmRtpReceivedPktsLo	eri_mgw_conqos_tab.xnqwac5ylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:The total number of received RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPktsHi (bit 61-31) - pmRtpReceivedPktsLo (bit 30-0).	Sum
R_pmRtpSentOctetsHi	eri_mgw_conqos_tab.xnqwaekylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of sent RTP payload octets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentOctetsHi (bit 61-31) - pmRtpSentOctetsLo (bit 30-0).	Sum
R_pmRtpSentOctetsLo	eri_mgw_conqos_tab.xnqwaemylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of sent RTP payload octets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentOctetsHi (bit 61-31) - pmRtpSentOctetsLo (bit 30-0).	Sum
R_pmRtpSentPktsHi	eri_mgw_conqos_tab.xnqwaegylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:The total number of sent RTP packets. This high-capacity PM counter is split	Sum

				and presented by two 31 bit attributes: - pmRtpSentPktsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0).	
R_pmRtpSentPktsLo	eri_mgw_conqos_tab.xnqwaeiylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:The total number of sent RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentPktsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0).	Sum
UR_pmRtpDiscardedPkts	eri_mgw_conqos_tab.slec44x0ei2aieowb035xxkywp	INTEGER	#	Aggregated:The number of discarded RTP packets, that is, received RTP packets discarded due to header validity checks or due to misordered sequence numbers.	Sum
UR_pmRtpLostPkts	eri_mgw_conqos_tab.slec4500ei2aieowb035xxkywp	INTEGER	#	Aggregated:The total number of dropped RTP packets. The detection of dropped packets is based on sequence numbers in the RTP header as defined in Request	Sum

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				for Comments (RFC) 1889.	
UR_pmRtpReceived OctetsHi	eri_mgw_conqos_tab.xnqw aecylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceivedOc tetsHi (bit 61-31) - pmRtpReceivedOc tetsLo (bit 30-0).	Sum
UR_pmRtpReceived OctetsLo	eri_mgw_conqos_tab.xnqw aeeylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceivedOc tetsHi (bit 61-31) - pmRtpReceivedOc tetsLo (bit 30-0).	Sum
UR_pmRtpReceived PktsHi	eri_mgw_conqos_tab.xnqw ae5ylp2ahuovr02ofb3l3m	INTEG ER	#	Aggregated:The total number of received RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPk tsHi (bit 61-31) - pmRtpReceivedPk tsLo (bit 30-0).	Sum
UR_pmRtpReceived	eri_mgw_conqos_tab.xnqw	INTEG	#	Aggregated:The	Sum

PktsLo	aeaylp2ahuovr02ofb3l3m	ER		total number of received RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPktsHi (bit 61-31) - pmRtpReceivedPktsLo (bit 30-0).	
UR_pmRtpSentOctetsHi	eri_mgw_conqos_tab.xnqwaesylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of sent RTP payload octets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentOctetsHi (bit 61-31) - pmRtpSentOctetsLo (bit 30-0).	Sum
UR_pmRtpSentOctetsLo	eri_mgw_conqos_tab.xnqwaeuylp2ahuovr02ofb3l3m	INT8	Octets	Aggregated:The total number of sent RTP payload octets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentOctetsHi (bit 61-31) - pmRtpSentOctetsLo (bit 30-0).	Sum
UR_pmRtpSentPktsHi	eri_mgw_conqos_tab.xnqwaeoylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:The total number of sent RTP packets. This high-capacity	Sum

				PM counter is split and presented by two 31 bit attributes: - pmRtpSentPktsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0).	
UR_pmRtpSentPkts Lo	eri_mgw_conqos_tab.xnqw aeqylp2ahuovr02ofb3l3m	INTEG ER	#	Aggregated:The total number of sent RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentPktsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0).	Sum

6.22.3 MGW.Ericsson.UMTS.Service_and_software_licensing

Service and software license data.

KPI Name	Expression	Data Typ e	U ni ts	Description	Aggre gation
_%_Emergency_Call_Success	(1 - ({pmNrOfRejEmcCalls} / {pmNrOfEmergencyCalls})) * 100	FLO AT	%	Emergency call success rate	Avera ge, ermg wmsb h, tot, min, max
_ %_Media_Stream_Channel_S eizure	(1 - ({pmNrOfMediaStreamChannel sRejectedDueToCapacity} / {pmNrOfMediaStreamChannels Req}))* 100	FLO AT	%	Media stream channel seizure success rate	Avera ge, ermg wmsb h, tot, min, max
_	100 *	FLO	%	Media stream	Avera

%_Media_Stream_Channel_ Utilization	{pmNrOfMediaStreamChannels Busy}/ {maxNrOfLicMediaStreamChan nels}	AT		channel utilization rate	ge, ermg wmsb h
Current_MGW_Traffic_Load	{pmNrOfMediaStreamChannels Busy} / 2.005	FLO AT	#	Estimated current MGW Load	Sum, ermg wmsb h, tot, min, max
maxNrOfLicMediaStreamCha nnels	eri_softlic_tab.rxh6gauox22agtp cb0221vynil	INT EGE R	#	The licensed number of simultaneous media stream channels.	Const ant, ermg wmsb h, tot, min, max
pmAverageBwAmrNbPtime2 0	eri_softlic_tab.xnqwa1kylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single Adaptive Multi Rate (AMR) coded speech connection over Nb interface with packetization time 20 ms uses.	Avera ge, ermg wmsb h, tot, min, max
pmAverageBwAmrVoipPtime 20	eri_softlic_tab.xnqwa1mylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single AMR coded speech connection over VoIP interface with packetization	Avera ge, ermg wmsb h, tot, min, max

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				time 20 ms uses.	
pmAverageBwAmrVoipPtime40	eri_softlic_tab.xnqwa1oylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single AMR coded speech connection over VoIP interface with packetization time 40 ms uses.	Average, ermg wmsbh, tot, min, max
pmAverageBwAmrWbNbPtime20	eri_softlic_tab.xnqwa1qylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single AMR Wideband (AMR-WB) coded speech connection over Nb interface with packetization time 20 ms uses.	Average, ermg wmsbh, tot, min, max
pmAverageBwAmrWbVoipPtime20	eri_softlic_tab.xnqwa1sylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single AMR-WB coded speech connection over VoIP interface with packetization time 20 ms uses.	Average, ermg wmsbh, tot, min, max
pmAverageBwAmrWbVoipPtime40	eri_softlic_tab.xnqwa1uylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single AMR-WB coded speech connection over VoIP interface with	Average, ermg wmsbh, tot, min, max

				packetization time 40 ms uses.	
pmAverageBwEfrNbPtime20	eri_softlic_tab.xnqwa1wylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single Enhanced Full Rate (EFR) coded speech connection over Nb interface with packetization time 20 ms uses.	Average, ermg wmsb h, tot, min, max
pmAverageBwEfrVoipPtime20	eri_softlic_tab.xnqwa1yylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single EFR coded speech connection over VoIP interface with packetization time 20 ms uses.	Average, ermg wmsb h, tot, min, max
pmAverageBwEfrVoipPtime40	eri_softlic_tab.xnqwa21ylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single EFR coded speech connection over VoIP interface with packetization time 40 ms uses.	Average, ermg wmsb h, tot, min, max
pmAverageBwG729Ptime10	eri_softlic_tab.xnqwa23ylp2ahuovr02ofb3l3m	INTEGER	100 bps	The estimated IP transport bandwidth that a single G.729 coded speech	Average, ermg wmsb h, tot,

				connection with packetization time 10 ms uses.	min, max
pmAverageBwG729Ptime20	eri_softlic_tab.xnqwa25ylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single G.729 coded speech connection with packetization time 20 ms uses.	Avera ge, ermg wmsb h, tot, min, max
pmAverageBwG729Ptime30	eri_softlic_tab.xnqwa2aylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single G.729 coded speech connection with packetization time 30 ms uses.	Avera ge, ermg wmsb h, tot, min, max
pmAverageBwG729Ptime40	eri_softlic_tab.xnqwa2cylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single G.729 coded speech connection with packetization time 40 ms uses.	Avera ge, ermg wmsb h, tot, min, max
pmAverageBwInmarsatIuPti me20	eri_softlic_tab.xnqwa2eylp2ahu ovr02ofb3l3m	INT EGE R	10 0 bp s	The estimated IP transport bandwidth that a single Advanced Multi-Band Excitation (AMBE+2) coded speech connection over Iu interface with packetization time 20 ms uses.	Avera ge, ermg wmsb h, tot, min, max
pmNrOfAmrWbUnitsRejDue ToCapacity	eri_softlic_tab.xnqwa2gylp2ahu ovr02ofb3l3m	INT EGE R	#	The number of rejected channels due to exceeding the	Sum, ermg wmsb h

				licensed capacity limit for AMR-WB.	
pmNrOfEmergencyCalls	eri_softlic_tab.rxh6gakox22agtpcb0221vynil	INTEGER	#	The total number of emergency call setup requests in the M-MGw node. This counter matches to the number of resource reservation requests received over Gateway Control Protocol (GCP).	Sum, ermg wmsb h
pmNrOfG729UnitsRejDueToCapacity	eri_softlic_tab.xnqwa2iylp2ahuovr02ofb3l3m	INTEGER	#	The number of rejected channels due to exceeding the licensed capacity limit for G.729.	Sum, ermg wmsb h
pmNrOfMediaStreamChannelsBusy	eri_softlic_tab.rxh6ga5ox22agtpcb0221vynil	INT8	#	Current number of busy media stream channels.	Average, ermg wmsb h, tot, min, max
pmNrOfMediaStreamChannelsRejectedDueToCapacity	eri_softlic_tab.rxh6gaaox22agtpcb0221vynil	INT8	#	Total number of rejected channels due to licensed capacity limit is exceeded.	Sum, ermg wmsb h

pmNrOfMediaStreamChannelsReq	eri_softlic_tab.rxh6gaeox22agtpcb0221vynil	INTEGER	#	The total number of requested media stream channels.	Sum, ermg wmsbh
pmNrOfMediaStreamChsUsedAmrWb	eri_softlic_tab.xnqwa2kylp2ahuovr02ofb3l3m	INTEGER	#	The number of media stream channels used to transfer AMR-WB coded speech.	Sum, ermg wmsbh
pmNrOfMediaStreamChsUsedG729	eri_softlic_tab.xnqwa2mylp2ahuovr02ofb3l3m	INTEGER	#	The number of media stream channels used to transfer G.729 coded speech.	Sum, ermg wmsbh
pmNrOfRejEmcCalls	eri_softlic_tab.rxh6gacox22agtpcb0221vynil	INT8	#	Total number of rejected Emergency Calls.	Sum, ermg wmsbh
pmNrOfRejsByIslOverload	eri_softlic_tab.xnqwa2oylp2ahuovr02ofb3l3m	INTEGER	#	The total number of rejected channels due to Inter Subrack Link (ISL) overload. Information of which device subrack has had overload can be found from "ISL overload" alarm.	Sum, ermg wmsbh
pmNrOfRejsByStaticAdmCtrl	eri_softlic_tab.rxh6gagox22agtpcb0221vynil	INTEGER	#	The number rejected connections due to static admission control for IP transport, see attribute maxBandwidthForIpTransport.	Sum, ermg wmsbh

pmUsedBandwidthForIpTransport	eri_softlic_tab.rxh6gaiox22agtpcb0221vynil	INTEGER	kbps	IP transport bandwidth currently in use	Average, ermg wmsbh, tot, min, max
pmUsedBandwidthForSiteIntIpTrans	eri_softlic_tab.xnqwa2qylp2ahuovr02ofb3l3m	INTEGER	kbps	The IP transport bandwidth currently in use by site internal traffic. The IP bandwidth measurement is dependent on the codec type, active codec set, protocol header size, speech activity factor and the packetization time.	Average, ermg wmsbh, tot, min, max

6.22.4 MGW.Ericsson.UMTS.Signalling_Traffic

MGW signalling traffic data

KPI Name	Expression	Data Type	Units	Description	Aggregation
MTP3B_M3UA_MSUs	({pmNoOfDataMsgRec} + {pmNoOfDataMsgSent} + {pmNoOfMSURec} + {pmNoOfMSUSent}) / {measurement_seconds}	FLOAT	#	MTP3B and M3UA level MSU/s	Sum
pmGcpNrOfReceivedMessages	eri_mgw_sig_traffic_tab.xnqwacwylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of GCP messages	Sum

				which have been received	
pmGcpNrOfSentMessages	eri_mgw_sig_traffic_tab.xnqwacyylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of GCP messages which have been sent by the VMGW	Sum
pmNoOfDataMsgRec	eri_mgw_sig_traffic_tab.xnqwacoylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of DATA (payload data) messages received through the association.	Sum
pmNoOfDataMsgSent	eri_mgw_sig_traffic_tab.xnqwacqylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Number of DATA messages sent on the associations related to this signalling point.	Sum
pmNoOfLUDTRec	eri_mgw_sig_traffic_tab.xnqwadgylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of received Long Unitdata (LUDT) messages.	Sum
pmNoOfLUDTSSent	eri_mgw_sig_traffic_tab.xnqwadiylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of sent Long Unitdata Service (LUDTS) messages.	Sum
pmNoOfMSURec	eri_mgw_sig_traffic_tab.xnqwacsylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Number of received	Sum

				Message Signal Units (MSUs) on this signalling link.	
pmNoOfMSUSent	eri_mgw_sig_traffic_tab.xnqwacuylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Number of sent MSUs from this signalling link.	Sum
pmNoOfRecUserData	eri_mgw_sig_traffic_tab.xnqwaewylp2ahuovr02ofb3l3m	INT8	KB	Aggregated:Amount of data received.	Sum
pmNoOfSentUserData	eri_mgw_sig_traffic_tab.xnqwaeyylp2ahuovr02ofb3l3m	INT8	KB	Aggregated:Amount of data sent.	Sum
pmNoOfUDTRec	eri_mgw_sig_traffic_tab.xnqwadkylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of received Unit Data (UDT) messages..	Sum
pmNoOfUDTSent	eri_mgw_sig_traffic_tab.xnqwadqylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of sent UDT messages.	Sum
pmNoOfUDTSRec	eri_mgw_sig_traffic_tab.xnqwadmylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of received Unit Data Service (UDTS) messages.	Sum
pmNoOfUDTSSent	eri_mgw_sig_traffic_tab.xnqwadoylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of sent UDTS messages.	Sum

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pmNoOfXUDTRec	eri_mgw_sig_traffic_tab.xn qwadsylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of received Extended Unit Data (XUDT) messages.	Sum
pmNoOfXUDTSent	eri_mgw_sig_traffic_tab.xn qwadyylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of sent XUDT messages.	Sum
pmNoOfXUDTSRec	eri_mgw_sig_traffic_tab.xn qwaduylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of received Extended Unit Data Service (XUDTS) messages.	Sum
pmNoOfXUDTSSent	eri_mgw_sig_traffic_tab.xn qwadwylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of sent XUDTS messages.	Sum
pmSctpStatRecChunks	eri_mgw_sig_traffic_tab.xn qwaf1ylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of complete data chunks received from the peers (no retransmissio ns included).	Sum
pmSctpStatRecChunksDropp ed	eri_mgw_sig_traffic_tab.xn qwaf3ylp2ahuovr02ofb3l3 m	INT8	#	Aggregated:T otal number of sent chunks that SCTP has been forced to drop due to buffer overflow in the receiving buffer.	Sum
pmSctpStatReceivedControl Chunks	eri_mgw_sig_traffic_tab.xn qwaf5ylp2ahuovr02ofb3l3	INT8	#	Aggregated:T otal number	Sum

				of datagrams received with chunk type id greater than 0.	
pmSctpStatReceivedPackages	eri_mgw_sig_traffic_tab.xnqwafaylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of SCTP packages received.	Sum
pmSctpStatRetransChunks	eri_mgw_sig_traffic_tab.xnqwafcylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of data chunks retransmitted to the peers.	Sum
pmSctpStatSentChunks	eri_mgw_sig_traffic_tab.xnqwafeylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of complete data chunks sent to the peers (no retransmissions included).	Sum
pmSctpStatSentChunksDropped	eri_mgw_sig_traffic_tab.xnqwafgylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of sent chunks that SCTP has been forced to drop due to buffer overflow in the sending buffer.	Sum
pmSctpStatSentControlChunks	eri_mgw_sig_traffic_tab.xnqwafiylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of datagrams sent with chunk type id	Sum

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				greater than 0.	
pmSctpStatSentPackages	eri_mgw_sig_traffic_tab.xnqwafkylp2ahuovr02ofb3l3m	INT8	#	Aggregated:Total number of SCTP packages sent.	Sum
pmSentQptmMessages	eri_mgw_sig_traffic_tab.xnqwafmylp2ahuovr02ofb3l3m	INT8	#	Aggregated:The number of sent Q.921/Q.931 Boundary Primitives Transport (QPTM) Messages .	Sum
pmSuccInConnsRemoteQosClassA	eri_mgw_sig_traffic_tab.xnqwad1ylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:Number of successful establishments of incoming connections on this AAL2 Access Point (AP).	Sum
pmSuccOutConnsRemoteQosClassA	eri_mgw_sig_traffic_tab.xnqwad3ylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:Number of successful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
pmUnRecMessages	eri_mgw_sig_traffic_tab.xnqwad5ylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:Number of received unrecognized Q.2630 messages on this Access Point (AP).	Sum
pmUnSuccInConnsLocalQosClassA	eri_mgw_sig_traffic_tab.xnqwadaylp2ahuovr02ofb3l3	INTEGER	#	Aggregated:Number of	Sum

	m				unsuccessful attempts to allocate AAL2 path resources (Common Part Sublayer) during establishment of incoming connections on this Access Point (AP) caused by Channel Identifier (CID) and/or bandwidth collision or mismatch of Call Admission Control (CAC) between peers.	
pmUnSuccInConnsRemoteQ osClassA	eri_mgw_sig_traffic_tab.xn qwadcylp2ahuovr02ofb3l3 m	INTEG ER	#	Aggregated:N umber of unsuccessful establishment s of incoming connections on this AAL2 Access Point caused by the reject from the AAL2 Access Point in the remote node.	Sum

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pmUnSuccOutConnsRemoteQosClassA	eri_mgw_sig_traffic_tab.xnqwadeylp2ahuovr02ofb3l3m	INTEGER	#	Aggregated:Number of unsuccessful establishments of outgoing connections on this AAL2 Access Point (AP).	Sum
SEP_MSUs	({pmGcpNrOfReceivedMessages} + {pmGcpNrOfSentMessages} + ({pmSuccInConnsRemoteQosClassA} * 4) + ({pmSuccOutConnsRemoteQosClassA} * 4) + {pmUnRecMessages} + ({pmUnSuccInConnsLocalQosClassA} * 2) + ({pmUnSuccInConnsRemoteQosClassA} * 2) + ({pmUnSuccOutConnsRemoteQosClassA} * 2)) / {measurement_seconds}	FLOAT	#	SEP MSU/s	Sum
SRP_MSUs	({pmNoOfLUDTRec} + {pmNoOfUDTRec} + {pmNoOfXUDTSRec} + {pmNoOfXUDTRec} + {pmNoOfXUDTSRec} + {pmNoOfLUDTSSent} + {pmNoOfUDTSent} + {pmNoOfUDTSSent} + {pmNoOfXUDTSent} + {pmNoOfXUDTSSent}) / 2 / {measurement_seconds}	FLOAT	#	SRP MSU/s	Sum
STP_SGW_MSUs	(({MTP3B_M3UA_MSUs} - {SEP_MSUs}) / 2) - {SRP_MSUs}	FLOAT	#	STP&SGW MSU/s	Sum
Tot_BW_IUA_Signalling	({pmSentQptmMessages} * (28 + 25) * 8) / (1000 * {measurement_seconds})	FLOAT	#	Total bandwidth for IUA	Sum

				signalling (kbps)	
Tot_BW_Rcvd_IPload_MPLS	(((({Ericsson.Connection_Quality.R_pmRtpReceivedOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpReceivedOctetsLo} + ({Ericsson.Connection_Quality.R_pmRtpReceivedPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpReceivedPktsLo}) * 7) + (((({Ericsson.Connection_Quality.UR_pmRtpReceivedOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpReceivedOctetsLo} + ({Ericsson.Connection_Quality.UR_pmRtpReceivedPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpReceivedPktsLo}) * 15)) * 8 / (1000000 * {measurement_seconds})	FLOAT	#	Total bandwidth for received IP payload (Mbps) using MPLS/PPP protocol	Sum
Tot_BW_Rcvd_IPload_PPP	(((({Ericsson.Connection_Quality.R_pmRtpReceivedOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpReceivedOctetsLo} + ({Ericsson.Connection_Quality.R_pmRtpReceivedPktsHi} * 2147483648.0) +	FLOAT	#	Total bandwidth for received IP payload (Mbps) using PPP protocol	Sum

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	{Ericsson.Connection_Quality.R_pmRtpReceivedPktsLo}) * 7) + ((({Ericsson.Connection_Quality.UR_pmRtpReceivedOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpReceivedOctetsLo} + ({Ericsson.Connection_Quality.UR_pmRtpReceivedPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpReceivedPktsLo}) * 7)) * 8 / (1000000 * {measurement_seconds})				
Tot_BW_Rcvd_IPload_Sig_MPLS	{Tot_BW_Rcvd_IPload_MPLS} + {Tot_BW_Rcvd_Signalling}	INT8	#	Total bandwidth for received IP payload including signalling (Mbps) using MPLS/PPP protocol	Sum
Tot_BW_Rcvd_IPload_Sig_PPP	{Tot_BW_Rcvd_IPload_PPP} + {Tot_BW_Rcvd_Signalling}	INT8	#	Total bandwidth for received IP payload including signalling (Mbps) using PPP protocol	Sum
Tot_BW_Rcvd_Signalling	(({pmNoOfRecUserData} * 1024) + ({pmSctpStatRecChunksDropped} * (({pmNoOfRecUserData} / {pmNoOfDataMsgRec}) * 1024)) + ({pmSctpStatRecChunks} * 16) + ({pmSctpStatReceivedCont	FLOAT	#	Total bandwidth for received signalling (Mbps)	Sum

	rolChunks} * 16) + ({pmSctpStatReceivedPackages} * (12 + 20))) * 8 / (1000000 * {measurement_seconds})				
Tot_BW_Sent_IPload_MPLS	(((({Ericsson.Connection_Quality.R_pmRtpSentOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpSentOctetsLo} + ({Ericsson.Connection_Quality.R_pmRtpSentPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpSentPktsLo}) * 15) + (((({Ericsson.Connection_Quality.UR_pmRtpSentOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpSentOctetsLo} + ({Ericsson.Connection_Quality.UR_pmRtpSentPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpSentPktsLo}) * 15)) * 8 / (1000000 * {measurement_seconds})	FLOAT	#	Total bandwidth for sent IP payload (Mbps) using MPLS/PPP protocol	Sum
Tot_BW_Sent_IPload_PPP	(((({Ericsson.Connection_Quality.R_pmRtpSentOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.R_pmRtpSentOctetsLo} + ({Ericsson.Connection_Quality.R_pmRtpSentPktsHi} * 2147483648.0) + {Ericsson.Connection_Qua	FLOAT	#	Total bandwidth for sent IP payload (Mbps) using PPP protocol	Sum

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	lity.R_pmRtpSentPktsLo}) * 7) + ((({Ericsson.Connection_Quality.UR_pmRtpSentOctetsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpSentOctetsLo} + ({Ericsson.Connection_Quality.UR_pmRtpSentPktsHi} * 2147483648.0) + {Ericsson.Connection_Quality.UR_pmRtpSentPktsLo}) * 7)) * 8 / (1000000 * {measurement_seconds})				
Tot_BW_Sent_IPload_Sig_MPLS	{Tot_BW_Sent_IPload_MPLS} + {Tot_BW_Sent_Signalling}	INT8	#	Total bandwidth for sent IP payload including signalling (Mbps) using MPLS/PPP protocol	Sum
Tot_BW_Sent_IPload_Sig_PPP	{Tot_BW_Sent_IPload_PPP} + {Tot_BW_Sent_Signalling}	INT8	#	Total bandwidth for sent IP payload including signalling (Mbps) using PPP protocol	Sum
Tot_BW_Sent_Signalling	((({pmNoOfSentUserData} * 1024) - ({pmSctpStatSentChunksDropped} * (({pmNoOfSentUserData} / {pmNoOfDataMsgSent}) * 1024))) + ({pmSctpStatSentChunks} * 16) + ({pmSctpStatRetransChunks} * ((({pmNoOfSentUserData}	FLOAT	#	Total bandwidth for sent signalling (Mbps)	Sum

	/ {pmNoOfDataMsgSent}) * 1024) + 16)) + ({pmSctpStatSentControlC hunks} * 16) + ({pmSctpStatSentPackages } * (12 + 20))) * 8 / (1000000 * {measurement_seconds})				
Tot_MGW_MSUs	{STP_SGW_MSUs} + {SEP_MSUs}	INT8	#	Total M-MGW MSU/s	Sum

6.23 MGW_Resource_Pool Performance Indicators

- MGW_Resource_Pool.Ericsson.UMTS.Device_Pool
- MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Digital_Pool
- MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Fax_Pool
- MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Modem_Pool
- MGW_Resource_Pool.Ericsson.UMTS.Jitter_Measurement
- MGW_Resource_Pool.Ericsson.UMTS.Tandem_Free_Op
- MGW_Resource_Pool.Ericsson.UMTS.Utilisation2
- MGW_Resource_Pool.Ericsson.UMTS.Utilisation
- MGW_Resource_Pool.Ericsson.UMTS.WCDMA_CSD_Digital_Pool
- MGW_Resource_Pool.Ericsson.UMTS.WCDMA_CSD_Modem_Pool

6.23.1 MGW_Resource_Pool.Ericsson.UMTS.Device_Pool

Device pool data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmBusyInstances	100 * {pmBusyInstances}/ ({pmTotalSeizures}-{pmUnsuccSeizures})	FLOAT	%	Percentage utilisation of service pool	Average, ermgwmsbh
_%_pmTotalSeizures	100 * {pmBusyDevices}/ ({pmTotalSeizures}-{pmUnsuccSeizures})	FLOAT	%	Obsolete in R4.1:Percentage utilisation of device.	Average, ermgwmsbh

%_Service_Reserve _Succ	(1 - ({pmUnsuccSeizures} / {pmTotalSeizures})) * 100	FLOAT	%	Service reservation success rate	Average, ermgwms bh, tot, min, max
pmBusyDevices	eri_mgw_rp_dev_pool_tab. rxh6gawox22agtpcb0221v ynil	INT8	#	Obsolete in R4.1:Current number of busy devices in the pool.	Average, ermgwms bh, tot, min, max
pmBusyInstances	eri_mgw_rp_dev_pool_tab. s4gtmpmox22agtpcb0221v ynil	INTEG ER	#	The number of service instances of the corresponding service type that are currently in use.	Average, ermgwms bh, tot, min, max
pmBusyUnitsAmrW b	eri_mgw_rp_dev_pool_tab. xnqw6voylp2ahuovr02ofb3 l3m	INTEG ER	#	The number of service instances currently in use for this user plane service.	Average, ermgwms bh, tot, min, max
pmBusyUnitsG729	eri_mgw_rp_dev_pool_tab. xnqw6vqylp2ahuovr02ofb3 l3m	INTEG ER	#	The number of service instances currently in use for this user plane service.	Average, ermgwms bh, tot, min, max
pmForcedRelease	eri_mgw_rp_dev_pool_tab. rxh6gayox22agtpcb0221vy nil	INT8	#	Total number of forced device releases.	Sum, ermgwms bh
pmNormalRelease	eri_mgw_rp_dev_pool_tab. rxh6gb1ox22agtpcb0221vy nil	INT8	#	Total number of normal device releases.	Sum, ermgwms bh
pmSidActivated	eri_mgw_rp_dev_pool_tab. s4gtmpiox22agtpcb0221vy nil	INTEG ER	#	Obsolete in R5.1:The number of times the Silence Descriptor (SID) has been activated. (AMR and EFR service only)	Sum, ermgwms bh
pmTotalSeizures	eri_mgw_rp_dev_pool_tab. s4gtmpcox22agtpcb0221vy nil	INT8	#	Total number of seizure attempt of devices from this	Sum, ermgwms bh

				device pool.	
pmUnsuccSeizures	eri_mgw_rp_dev_pool_tab.s4gtmpeox22agtpcb0221vynil	INT8	#	Total number of failed seizure attempts due to congestion.	Sum, ermgwmsbh

6.23.2 MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Digital_Pool

GSM CSD digital pool data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmFtmSuccGsm	100 * {pmFtmSuccGsm}/ ({pmFtmSuccGsm}+ {pmFtmFailGsm})	FLOAT	%	Seizure success rate of non-transparent FTM GSM connections.	Average, ermgwmsbh
_%_pmModemOSuccGsm	100 * {pmModemOSuccGsm}/ ({pmModemOSuccGsm}+ {pmModemOFailGsm})	FLOAT	%	Seizure success rate of originating MANT GSM connections.	Average, ermgwmsbh
_%_pmModemTSuccGsm	100 * {pmModemTSuccGsm}/ ({pmModemTSuccGsm}+ {pmModemTFailGsm})	FLOAT	%	Seizure success rate of terminating MANT GSM connections.	Average, ermgwmsbh
_%_pmUdiSuccGsm	100 * {pmUdiSuccGsm}/ ({pmUdiSuccGsm}+ {pmUdiFailGsm})	FLOAT	%	Seizure success rate of asynchronous non-transparent UDI GSM connections.	Average, ermgwmsbh
pmFtmFailGsm	eri_mgw_rp_csd_dp_tab.s4gtmpqox22agtpcb0221vynil	INT8	#	Total number of unsuccessful, non-transparent Frame Tunnel Mode (FTM) GSM connections.	Sum, ermgwmsbh
pmFtmSuccGsm	eri_mgw_rp_csd_dp_tab.s	INT8	#	Total number of	Sum,

	4gtmpsox22agtpcb0221vy nil			successful, non-transparent FTM GSM connections.	ermgwms bh
pmModemOFailGsm	eri_mgw_rp_csd_dp_tab.s 4gtmpuox22agtpcb0221vy nil	INT8	#	Total number of unsuccessful originating MANT GSM connections.	Sum, ermgwms bh
pmModemOSuccGs m	eri_mgw_rp_csd_dp_tab.s 4gtmpwox22agtpcb0221vy nil	INT8	#	Total number of successful originating, MANT GSM connections.	Sum, ermgwms bh
pmModemTFailGsm	eri_mgw_rp_csd_dp_tab.s 4gtmq1ox22agtpcb0221vy nil	INT8	#	Total number of unsuccessful terminating MANT GSM connections.	Sum, ermgwms bh
pmModemTSuccGs m	eri_mgw_rp_csd_dp_tab.s 4gtmpyox22agtpcb0221vy nil	INT8	#	Total number of successful terminating, MANT GSM connections.	Sum, ermgwms bh
pmNumFtmGsm	eri_mgw_rp_csd_dp_tab.s 4gtmq3ox22agtpcb0221vy nil	INT8	#	Current number of non-transparent FTM GSM connections.	Average, ermgwms bh, tot, min, max
pmNumModemOGs m	eri_mgw_rp_csd_dp_tab.s 4gtmq5ox22agtpcb0221vy nil	INT8	#	Current number of originating MANT GSM connections.	Average, ermgwms bh, tot, min, max
pmNumModemTGs m	eri_mgw_rp_csd_dp_tab.s 4gtmqaox22agtpcb0221vy nil	INT8	#	Current number of terminating MANT GSM connections.	Average, ermgwms bh, tot, min, max
pmNumUdiGsm	eri_mgw_rp_csd_dp_tab.s 4gtmqcox22agtpcb0221vy nil	INT8	#	Current number of asynchronous non-transparent Unrestricted Digital Information (UDI) GSM connections.	Average, ermgwms bh, tot, min, max
pmUdiFailGsm	eri_mgw_rp_csd_dp_tab.s	INT8	#	Total number of	Sum,

KPI Name	Expression	Data Type	Units	Description	Aggregation
	4gtmqeox22agtpcb0221vynil			unsuccessful asynchronous nontransparent UDI GSM connections.	ermgwmsbh
pmUdiSuccGsm	eri_mgw_rp_csd_dp_tab.s4gtmqgox22agtpcb0221vynil	INT8	#	Total number of successful asynchronous non-transparent UDI GSM connections.	Sum, ermgwmsbh

6.23.3 MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Fax_Pool

GSM CSD Fax pool data

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmSuccCmm	100 * {pmSuccCmm}/ {pmAttemptCmm}	FLOAT	%	Percentage of successfully executed Channel Mode Modify (CMM) procedures. Condition: The counter is incremented when a Modify Resource Request with the new correct User Rate is received (CMM procedure completed).	Average, ermgwmsbh
pmAttemptCmm	eri_mgw_csdfax_pl_tab.sym6lyselp2aht30r02ofawjhe	INTEGER	#	The number of Channel Mode Modify (CMM) procedure attempts. Condition: The	Sum, ermgwmsbh

				counter is incremented when the CSD fax device initiates the CMM request based on T.30 protocol messages, which are filtered out from the data stream between the end-to-end fax machines. The CMM request is sent to the MGC to change the radio channel coding.	
pmSuccCmm	eri_mgw_csdfax_pl_tab.tat 2011elp2aht30r02ofawjhe	INTEG ER	#	The number of successfully executed Channel Mode Modify (CMM) procedures. Condition: The counter is incremented when a Modify Resource Request with the new correct User Rate is received (CMM procedure completed).	Sum, ermgwms bh
pmSyncTransFaxMod emGsm	eri_mgw_csdfax_pl_tab.s4 gtmqqox22agtpcb0221vyni l	INTEG ER	#	The total number of synchronous transparent fax modem GSM connections.	Sum, ermgwms bh
pmUnsuccCmm	eri_mgw_csdfax_pl_tab.s4 gtmqsox22agtpcb0221vyni l	INTEG ER	#	The number of unsuccessful Channel Mode Modification (CMM)	Sum, ermgwms bh

				procedures observed by the Circuit Switched Data (CSD) GSM fax device.	
pmV27ter	eri_mgw_csdfax_pl_tab.s4 gtmquox22agtpcb0221vyni l	INTEG ER	#	The total number of V.27 ter GSM fax modem connections.	Sum, ermgwms bh
pmV29	eri_mgw_csdfax_pl_tab.s4 gtmqwox22agtpcb0221vyn il	INTEG ER	#	The total number of V.29 GSM fax modem connections.	Sum, ermgwms bh

6.23.4 MGW_Resource_Pool.Ericsson.UMTS.GSM_CSD_Modem_Pool

GSM CSD Modem pool data.

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmAsyncNonTransMo demGsm	eri_mgw_rp_csd_mp_tab.s 4gtmqyox22agtpcb0221vy nil	INT8	#	Total number of modem asynchronous non-transparent (MANT) GSM connections.	Sum, ermgwms bh
pmAsyncTransModem Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmr1ox22agtpcb0221vy nil	INT8	#	Total number of modem asynchronous transparent (MAT) GSM connections.	Sum, ermgwms bh
pmSyncTransModem Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmr3ox22agtpcb0221vy nil	INT8	#	Total number of modem synchronous transparent (MST)	Sum, ermgwms bh

pmV21Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmr5ox22agtpcb0221vy nil	INT8	#	Total number of V.21 GSM connections.	Sum, ermgwms bh
pmV22bisGsm	eri_mgw_rp_csd_mp_tab.s 4gtmrcox22agtpcb0221vy nil	INT8	#	Total number of V.22bis GSM connections.	Sum, ermgwms bh
pmV22Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmraox22agtpcb0221vy nil	INT8	#	Total number of V.22 GSM connections.	Sum, ermgwms bh
pmV32bis	eri_mgw_rp_csd_mp_tab.s 4gtmrkox22agtpcb0221vy nil	INTEG ER	#	The total number of V.32bis WCDMA connections.	Sum, ermgwms bh
pmV32Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmreox22agtpcb0221vy nil	INT8	#	Total number of V.32 GSM connections.	Sum, ermgwms bh
pmV34Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmrgox22agtpcb0221vy nil	INT8	#	Total number of V.34 GSM connections.	Sum, ermgwms bh
pmV90Gsm	eri_mgw_rp_csd_mp_tab.s 4gtmriox22agtpcb0221vyn il	INT8	#	Total number of V.90 GSM connections.	Sum, ermgwms bh
Tot_GSM_Modem_Co nnect	{pmAsyncNonTransMode mGsm} + {pmAsyncTransModemGs m} + {pmSyncTransModemGs m}	INTEG ER	#	The total number of GSM modem connections	Sum, ermgwms bh

6.23.5 MGW_Resource_Pool.Ericsson.UMTS.Jitter_Measurement

Resource pool jitter measurement

KPI Name	Expression	Data Type	Units	Description	Aggregati on
_ %_ATM_Conn_No_Di sturbance	(1- ({pmAtmCnConnMeasured Jitter5} + {pmAtmRanConnMeasure dJitter5} / ({pmAtmCnConnMeasured	FLOAT	%	The ratio of ATM connections that have had no disturbances due to jitter.	Average, ermgwms bh, tot, min, max

	Jitter0}+ {pmAtmRanConnMeasure dJitter0} + {pmAtmCnConnMeasuredJ itter1}+ {pmAtmRanConnMeasure dJitter1} + {pmAtmCnConnMeasuredJ itter2}+ {pmAtmRanConnMeasure dJitter2} + {pmAtmCnConnMeasuredJ itter3} + {pmAtmRanConnMeasure dJitter3} + {pmAtmCnConnMeasuredJ itter4} + {pmAtmRanConnMeasure dJitter4} + {pmAtmCnConnMeasuredJ itter5} + {pmAtmRanConnMeasure dJitter5})))*100				
_%_IP_Conn_No_Distur bance	(1 - ((({pmIpCnConnMeasuredJi tter5}) / ({pmIpCnConnMeasuredJit ter0} + {pmIpCnConnMeasuredJitt er1} + {pmIpCnConnMeasuredJitt er2} + {pmIpCnConnMeasuredJitt er3} + {pmIpCnConnMeasuredJitt er4} + {pmIpCnConnMeasuredJitt er5})))*100	FLOAT	%	The ratio of IP connections that have had no disturbances due to jitter.	Average, ermgwms bh, tot, min, max
_%_Iu_Conn_No_Distur	(1 - ((({pmIpRanConnMeasured	FLOAT	%	The ratio of Iu over IP	Average, ermgwms

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bance	Jitter5}) / ({pmIpRanConnMeasuredJitter0} + {pmIpRanConnMeasuredJitter1} + {pmIpRanConnMeasuredJitter2} + {pmIpRanConnMeasuredJitter3} + {pmIpRanConnMeasuredJitter4} + {pmIpRanConnMeasuredJitter5})))*100			connections that have had no disturbances due to jitter.	bh, tot, min, max
%_VoIP_Conn_No_Disturbance	(1 - ((({pmVoIpConnMeasuredJitter5} + {pmVoIpConnMeasuredJitter6} + {pmVoIpConnMeasuredJitter7} + {pmVoIpConnMeasuredJitter8}) / ({pmVoIpConnMeasuredJitter0} + {pmVoIpConnMeasuredJitter1} + {pmVoIpConnMeasuredJitter2} + {pmVoIpConnMeasuredJitter3} + {pmVoIpConnMeasuredJitter4} + {pmVoIpConnMeasuredJitter5} + {pmVoIpConnMeasuredJitter6} + {pmVoIpConnMeasuredJitter7} + {pmVoIpConnMeasuredJitter8})))*100	FLOAT	%	The ratio of VoIP connections that have had no disturbances due to jitter.	Average, ermgwms bh, tot, min, max
pmAtmCnConnLatePktsRatio0	eri_mgw_resrc_jitter_tab.s4gtmroox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Network (CN)	Sum, ermgwms bh

				when jitter compensation is used and where no packet has missed its processing time slot, that is, it has not been delayed more than the configured jitter protection time.	
pmAtmCnConnLatePktsRatio1	eri_mgw_resrc_jitter_tab.s4gtmrqox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0 < R <= 0.0001. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled	Sum, ermgwmsbh

					processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmCnConnLatePktsRatio2	eri_mgw_resrc_jitter_tab.s4gtmrsox22agtpcb0221vyni1	INTEGER	#	The total number of ATM connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	Sum, ermgwmsbh
pmAtmCnConnLatePktsRatio3	eri_mgw_resrc_jitter_tab.s4gtmruox22agtpcb0221vyn	INTEGER	#	The total number of ATM	Sum, ermgwms

	il				connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.001 < R <= 0.005. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	bh
pmAtmCnConnLatePktsRatio4	eri_mgw_resrc_jitter_tab.sdiu3okox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Network (CN) when jitter compensation is	Sum, ermgwmsbh

				used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmCnConnLatePktsRatio5	eri_mgw_resrc_jitter_tab.sdiu3omox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means	Sum, ermgwmsbh

				that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmCnConnLatePktsRatio6	eri_mgw_resrc_jitter_tab.s diu3ooox22agtpcb0221vyni l	INTEG ER	#	The total number of ATM connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time slot, that is, it is delayed more than the	Sum, ermgwms bh

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				configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmCnConnMeasur edJitter0	eri_mgw_resrc_jitter_tab.s diu3oqox22agtpcb0221vyni 1	INTEG ER	#	The total number of ATM connections towards Core Network (CN) with measured jitter (J) is 0 ms <= J <= 0.5 ms (very low input jitter). The jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor frames are not included in the measurement.	Sum, ermgwms bh
pmAtmCnConnMeasur edJitter1	eri_mgw_resrc_jitter_tab.s diu3osox22agtpcb0221vyni 1	INTEG ER	#	The total number of ATM connections towards Core Network (CN) with measured jitter (J) is 0.5 ms < J <= 1.0 ms (low input jitter).	Sum, ermgwms bh

				Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	
pmAtmCnConnMeasuredJitter2	eri_mgw_resrc_jitter_tab.sdiu3ouox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Access Network (CN) with measured jitter (J) is 1.0 ms < J <= 2.0 ms (moderate input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmAtmCnConnMeasuredJitter3	eri_mgw_resrc_jitter_tab.sdiu3owox22agtpcb0221vyn	INTEGER	#	The total number of ATM	Sum, ermgwms

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	il			connections towards Core Network (CN) with measured jitter (J) is 2.0 ms < J <= 5.0 ms (high input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	bh
pmAtmCnConnMeasuredJitter4	eri_mgw_resrc_jitter_tab.sdiu3oyox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Core Network (CN) with measured jitter (J) is 5.0 ms < J <= 8.0 ms (very high input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmAtmCnConnMeasur	eri_mgw_resrc_jitter_tab.s	INTEG	#	The total number	Sum,

edJitter5	diu3p1ox22agtpcb0221vyni1	ER		of ATM connections towards Core Network (CN) with measured is greater than 8.0 ms (ultra high input jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	ermgwms bh
pmAtmRanConnLatePk tsRatio0	eri_mgw_resrc_jitter_tab.s diu3p3ox22agtpcb0221vyni1	INTEG ER	#	The total number of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and where no packet has missed its processing time slot, that is, it has not delayed more than the configured jitter protection time.	Sum, ermgwms bh
pmAtmRanConnLatePk	eri_mgw_resrc_jitter_tab.s	INTEG	#	The total number	Sum,

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| tsRatio1 | diu3p5ox22agtpcb0221vyni1 | ER | | of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0 < R <= 0.0001$. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped. | ermgwms bh |
| pmAtmRanConnLatePktsRatio2 | eri_mgw_resrc_jitter_tab.s diu3paox22agtpcb0221vyni1 | INTEGER | # | The total number of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and the ratio (R) of late | Sum, ermgwms bh |

				packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmRanConnLatePktsRatio3	eri_mgw_resrc_jitter_tab.sdiu3pcox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network(RAN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through	Sum, ermgwmsbh

				the jitter compensation buffer is 0.001 < R <= 0.005. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmRanConnLatePktsRatio4	eri_mgw_resrc_jitter_tab.sdiu3peox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time slot, that is, it is delayed	Sum, ermgwmsbh

					more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmRanConnLatePktsRatio5	eri_mgw_resrc_jitter_tab.sdiu3pgox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is,	Sum, ermgwmsbh

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				however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmAtmRanConnLatePktsRatio6	eri_mgw_resrc_jitter_tab.sdiu3piox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is	Sum, ermgwmsbh

				dropped.	
pmAtmRanConnMeasuredJitter0	eri_mgw_resrc_jitter_tab.sdiu3pkox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN) with measured jitter (J) is 0 ms <= J <= 0.5 ms (very low input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmAtmRanConnMeasuredJitter1	eri_mgw_resrc_jitter_tab.sdiu3pmox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN) with measured jitter (J) is 0.5 ms < J <= 1.0 ms (low input Jitter). Jitter is measured only for connections where jitter compensation	Sum, ermgwmsbh

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				has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	
pmAtmRanConnMeasuredJitter2	eri_mgw_resrc_jitter_tab.sdiu3poox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Network (RAN) with measured jitter (J) is 1.0 ms < J <= 2.0 ms (moderate input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmAtmRanConnMeasuredJitter3	eri_mgw_resrc_jitter_tab.sdiu3pqox22agtpcb0221vynil	INTEGER	#	The total number of ATM connections towards Radio Access Network (RAN)with measured jitter (J) is 2.0 ms < J <= 5.0 ms (high input Jitter). Jitter is measured only for connections	Sum, ermgwmsbh

				where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	
pmAtmRanConnMeasu redJitter4	eri_mgw_resrc_jitter_tab.s diu3psox22agtpcb0221vyni l	INTEG ER	#	The total number of ATM connections towards Radio Access Network with measured jitter (J) is 5.0 ms < J <= 8.0 ms (very high input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor frames are not included in the measurement.	Sum, ermgwms bh
pmAtmRanConnMeasu redJitter5	eri_mgw_resrc_jitter_tab.s diu3puox22agtpcb0221vyni l	INTEG ER	#	The total number of ATM connections towards Radio Access Network with measured	Sum, ermgwms bh

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				jitter is greater than 8.0 ms (ultra high input jitter). The jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor frames are not included in the measurement.	
pmIpCnConnLatePktsRatio0	eri_mgw_resrc_jitter_tab.s diu3pwox22agtpcb0221vyn il	INTEG ER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and where no packet has missed its processing time slot, that is, it has not delayed more than the configured jitter protection time.	Sum, ermgwms bh
pmIpCnConnLatePktsRatio1	eri_mgw_resrc_jitter_tab.s diu3pyox22agtpcb0221vyni l	INTEG ER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through	Sum, ermgwms bh

				the jitter compensation buffer is $0 < R <= 0.0001$. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmIpCnConnLatePktsRatio2	eri_mgw_resrc_jitter_tab.sdiu3q1ox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0.0001 < R <= 0.001$. Late packet	Sum, ermgwmsbh

				means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmIpCnConnLatePktsRatio3	eri_mgw_resrc_jitter_tab.sdiu3q3ox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0.001 < R <= 0.005$. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however,	Sum, ermgwmsbh

				processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmIpCnConnLatePktsRatio4	eri_mgw_resrc_jitter_tab.sdiu3q5ox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7	Sum, ermgwmsbh

				packets in the buffer, otherwise the packet is dropped.	
pmIpCnConnLatePktsRatio5	eri_mgw_resrc_jitter_tab.sdiu3qaox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	Sum, ermgwmsbh
pmIpCnConnLatePktsRatio6	eri_mgw_resrc_jitter_tab.sdiu3qcox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) when jitter	Sum, ermgwmsbh

| | | | | compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped. | |
| pmIpCnConnMeasured Jitter0 | eri_mgw_resrc_jitter_tab.s diu3qeox22agtpcb0221vyni l | INTEG ER | # | The total number of IP connections towards Core Network (CN) with measured jitter (J) is 0 ms <= J <= 0.5 ms (very low input Jitter). Jitter is measured only | Sum, ermgwms bh |

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				for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	
pmIpCnConnMeasuredJitter1	eri_mgw_resrc_jitter_tab.sdiu3qgox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) with measured jitter (J) is 0.5 ms < J <= 1.0 ms (low input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmIpCnConnMeasuredJitter2	eri_mgw_resrc_jitter_tab.sdiu3qiox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) with measured jitter (J) is 1.0 ms < J <= 2.0 ms (moderate input Jitter). Jitter is	Sum, ermgwmsbh

				measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	
pmIpCnCnnMeasuredJitter3	eri_mgw_resrc_jitter_tab.sdiu3qkox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core Network (CN) with measured jitter (J) is 2.0 ms < J <= 5.0 ms (high input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwmsbh
pmIpCnCnnMeasuredJitter4	eri_mgw_resrc_jitter_tab.sdiu3qmox22agtpcb0221vynil	INTEGER	#	The total number of IP connections towards Core	Sum, ermgwmsbh

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				Network (CN) with measured jitter (J) is 5.0 ms < J <= 8.0 ms (very high input Jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID)frames are not included in the measurement.	
pmIpCnConnMeasured Jitter5	eri_mgw_resrc_jitter_tab.s diu3qoox22agtpcb0221vyni l	INTEG ER	#	The total number of IP connections towards Core Network (CN) with measured jitter is greater than 8.0 ms (ultra high input jitter). Jitter is measured only for connections where jitter compensation has been performed. Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included in the measurement.	Sum, ermgwms bh
pmIpRanConnLatePkts Ratio0	eri_mgw_resrc_jitter_tab.x nqw6yiylp2ahuovr02ofb3l3	INTEG ER	#	The total number of IP	Sum, ermgwms

	m			connections towards RAN when jitter compensation is used and where no packet has missed its processing time slot, that is, no packet has caused jitter buffer under-run due to late arrival.	bh
pmIpRanConnLatePkts Ratio1	eri_mgw_resrc_jitter_tab.x nqw6ykylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of IP connections towards RAN when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0 < R <= 0.0001. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the	Sum, ermgwms bh

					speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmIpRanConnLatePkts Ratio2	eri_mgw_resrc_jitter_tab.x nqw6ymylp2ahuovr02ofb31 3m	INTEG ER	#		The total number of IP connections towards RAN when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time	Sum, ermgwms bh

					slot. In such a case the total delay will increase.
pmIpRanConnLatePktsRatio3	eri_mgw_resrc_jitter_tab.xnqw6yoylp2ahuovr02ofb3l3m	INTEGER	#	The total number of IP connections towards RAN when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.001 < R <= 0.005. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will	Sum, ermgwmsbh

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				increase.	
pmIpRanConnLatePktsRatio4	eri_mgw_resrc_jitter_tab.xnqw6yqylp2ahuovr02ofb3l3m	INTEGER	#	The total number of IP connections towards RAN when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	Sum, ermgwmsbh
pmIpRanConnLatePktsRatio5	eri_mgw_resrc_jitter_tab.xnqw6ysylp2ahuovr02ofb3l3m	INTEGER	#	The total number of IP connections towards RAN when jitter compensation is used and the	Sum, ermgwmsbh

				ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmIpRanConnLatePkts Ratio6	eri_mgw_resrc_jitter_tab.x nqw6yuylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of IP connections towards RAN when jitter compensation is used and the ratio (R) of late packets to total number of	Sum, ermgwms bh

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				packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmIpRanConnMeasure dJitter0	eri_mgw_resrc_jitter_tab.x nqw6ywylp2ahuovr02ofb31 3m	INTEG ER	#	The total number of IP connections towards the RAN with measured jitter (J) is 0 ms <= J <= 0.5 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmIpRanConnMeasure	eri_mgw_resrc_jitter_tab.x	INTEG	#	The total number	Sum,

dJitter1	nqw6yyylp2ahuovr02ofb3l 3m	ER		of IP connections towards the RAN with measured jitter (J) is 0.5 ms < J <= 1.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	ermgwms bh
pmIpRanConnMeasure dJitter2	eri_mgw_resrc_jitter_tab.x nqwa01ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of IP connections towards the RAN with measured jitter (J) is 1.0 ms < J <= 2.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmIpRanConnMeasure dJitter3	eri_mgw_resrc_jitter_tab.x nqwa03ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of IP connections towards the RAN with measured jitter (J) is 2.0 ms < J	Sum, ermgwms bh

				<= 5.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	
pmIpRanConnMeasuredJitter4	eri_mgw_resrc_jitter_tab.x nqwa05ylp2ahuovr02ofb3l 3m	INTEGER	#	The total number of IP connections towards the RAN with measured jitter (J) is 5.0 ms < J <= 8.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmIpRanConnMeasuredJitter5	eri_mgw_resrc_jitter_tab.x nqwa0aylp2ahuovr02ofb3l 3m	INTEGER	#	The total number of IP connections towards the RAN with measured jitter (J) is greater than 8.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh

| pmLatePktsAtmCn | eri_mgw_resrc_jitter_tab.s diu3qqox22agtpcb0221vyni l | INTEG ER | # | The total number of packets in the connections towards ATM-based Core Network (CN) where a packet has been so late that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped. | Sum, ermgwms bh |
| pmLatePktsAtmRan | eri_mgw_resrc_jitter_tab.s diu3qsox22agtpcb0221vyni l | INTEG ER | # | The total number of packets in the connections towards ATM-based Radio Access Network where a packet has been so late that it has missed its processing time slot, that is, it is delayed more than the configured jitter | Sum, ermgwms bh |

				protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmLatePktsIpCn	eri_mgw_resrc_jitter_tab.sdiu3quox22agtpcb0221vyni1	INTEGER	#	The total number of packets in the connections towards IP-based Core Network where a packet has been so late that it has missed its processing time slot, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time slot if there are less than 7 packets in the buffer, otherwise the packet is dropped.	Sum, ermgwmsbh
pmLatePktsIpRan	eri_mgw_resrc_jitter_tab.xnqwa0cylp2ahuovr02ofb3l3m	INTEGER	#	The total number of packets in the connections towards an IP-based RAN where a packet has been so late that it has missed	Sum, ermgwmsbh

					its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmLatePktsVoIp	eri_mgw_resrc_jitter_tab.x nqwa0eylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of packets in the connections towards a VoIP interface where a packet has been so late that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will	Sum, ermgwms bh

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				be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmSuccTransmittedPktsAtmCn	eri_mgw_resrc_jitter_tab.sdiu3qwox22agtpcb0221vynil	INTEGER	#	The total number of successfully transmitted packets through the jitter compensation buffer for the connections towards ATM-based Core Network (CN). Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	Sum, ermgwms bh
pmSuccTransmittedPktsAtmRan	eri_mgw_resrc_jitter_tab.sdiu3qyox22agtpcb0221vynil	INTEGER	#	The total number of successfully transmitted packets through the jitter compensation buffer for the connections towards ATM-based Radio Access Network (RAN). Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	Sum, ermgwms bh
pmSuccTransmittedPktsIpCn	eri_mgw_resrc_jitter_tab.sdiu3r1ox22agtpcb0221vyni	INTEGER	#	The total number of successfully	Sum, ermgwms

	l				transmitted packets through the jitter compensation buffer for the connections towards IP-based Core Network (CN). Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	bh
pmSuccTransmittedPktsIpRan	eri_mgw_resrc_jitter_tab.x nqwa0gylp2ahuovr02ofb3l 3m	INTEG ER	#		The total number of successfully transmitted packets through the jitter compensation buffer for the connections towards an IP-based RAN. SID frames are not included in the measurement.	Sum, ermgwms bh
pmSuccTransmittedPktsVoIp	eri_mgw_resrc_jitter_tab.x nqwa0iylp2ahuovr02ofb3l3 m	INTEG ER	#		The total number of successfully transmitted packets through the jitter compensation buffer for connections towards a VoIP interface. SID frames are not included in the measurement.	Sum, ermgwms bh

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pmVoIpConnLatePktsRatio0	eri_mgw_resrc_jitter_tab.xnqwa0kylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections when jitter compensation is used and no packet has missed its processing time slot, that is, no packet has caused jitter buffer under-run due to late arrival.	Sum, ermgwmsbh
pmVoIpConnLatePktsRatio1	eri_mgw_resrc_jitter_tab.xnqwa0mylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0 < R <= 0.0001$. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next	Sum, ermgwmsbh

				scheduled processing time slot. In such a case the total delay will increase.	
pmVoIpConnLatePktsRatio2	eri_mgw_resrc_jitter_tab.xnqwa0oylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a	Sum, ermgwmsbh

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				case the total delay will increase.	
pmVoIpConnLatePktsRatio3	eri_mgw_resrc_jitter_tab.x nqwa0qylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.001 < R <= 0.005. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	Sum, ermgwms bh
pmVoIpConnLatePktsRatio4	eri_mgw_resrc_jitter_tab.x nqwa0sylp2ahuovr02ofb3l3 m	INTEG ER	#	The total number of VoIP connections when jitter compensation is used and the	Sum, ermgwms bh

				ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmVoIpConnLatePktsRatio5	eri_mgw_resrc_jitter_tab.xnqwa0uylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through	Sum, ermgwmsbh

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| | | | | the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time slot, that is, a number of packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase. | |
| pmVoIpConnLatePktsRatio6 | eri_mgw_resrc_jitter_tab.xnqwa0wylp2ahuovr02ofb3l3m | INTEGER | # | The total number of VoIP connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time slot, that is, a number of | Sum, ermgwmsbh |

				packets have caused jitter buffer under-run due to late arrival. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase.	
pmVoIpConnMeasured Jitter0	eri_mgw_resrc_jitter_tab.x nqwa0yylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 0 ms <= J <= 0.5 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmVoIpConnMeasured Jitter1	eri_mgw_resrc_jitter_tab.x nqwa11ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 0.5 ms <= J <= 1.0 ms. Jitter is measured only for connections	Sum, ermgwms bh

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				where jitter compensation has been performed. SID frames are not included in the measurement.	
pmVoIpConnMeasured Jitter2	eri_mgw_resrc_jitter_tab.x nqwa13ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 1.0 ms <= J <= 2.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmVoIpConnMeasured Jitter3	eri_mgw_resrc_jitter_tab.x nqwa15ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 2.0 ms <= J <= 5.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmVoIpConnMeasured Jitter4	eri_mgw_resrc_jitter_tab.x nqwa1aylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 5.0 ms <= J <= 8.0 ms. Jitter is measured only	Sum, ermgwms bh

				for connections where jitter compensation has been performed. SID frames are not included in the measurement.	
pmVoIpConnMeasured Jitter5	eri_mgw_resrc_jitter_tab.x nqwa1cylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 8.0 ms < J <= 30.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh
pmVoIpConnMeasured Jitter6	eri_mgw_resrc_jitter_tab.x nqwa1eylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of VoIP connections with measured jitter (J) is 30.0 ms < J <= 60.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwms bh

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KPI Name	Expression	Data Type	Units	Description	Aggregation
pmVoIpConnMeasuredJitter7	eri_mgw_resrc_jitter_tab.xnqwa1gylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections with measured jitter (J) is 60.0 ms < J <= 100.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwmsbh
pmVoIpConnMeasuredJitter8	eri_mgw_resrc_jitter_tab.xnqwa1iylp2ahuovr02ofb3l3m	INTEGER	#	The total number of VoIP connections with measured jitter (J) is greater than 100.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum, ermgwmsbh

6.23.6 MGW_Resource_Pool.Ericsson.UMTS.Tandem_Free_Op

MGW Resource Pool on Tandem Free Operation

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_First_Nego_AMRNB_Success	100 * {pmTfoAmrNbNegotiations}/ {pmTfoAmrNbEndPointMode}	FLOAT	%	The Tandem Free Operation first negotiation contact success rate for AMR-NB Codec types	Average, ermgwmsbh

_%_First_Nego_AMRW B_Success	100 * {pmTfoAmrWbNegotiatio ns}/ {pmTfoAmrWbEndPoint Mode}	FLOAT	%	The Tandem Free Operation first negotiation contact success rate for AMR-WB Codec types	Average, ermgwms bh
_%_First_Nego_EFR_S uccess	100 * {pmTfoEfrNegotiations}/ {pmTfoEfrEndPointMode }	FLOAT	%	The Tandem Free Operation first negotiation contact success rate for EFR Codec types	Average, ermgwms bh
_%_TFO_AMRNB_Suc cess	100 * ({pmTfoAmrNbEstablish ments} + {pmTfoAmrNbReEstablis hments} - {pmTfoAmrNbDroppedCa lls})/ ({pmTfoAmrNbNegotiatio ns} + {pmTfoAmrNbReNegotiat ions})	FLOAT	%	The Tandem Free Operation success rate for AMR-NB Codec types	Average, ermgwms bh
_%_TFO_AMRWB_Su ccess	100 * ({pmTfoAmrWbEstablish ments} + {pmTfoAmrWbReEstablis hments} - {pmTfoAmrWbDroppedC alls})/ ({pmTfoAmrWbNegotiati ons} + {pmTfoAmrWbReNegotia tions})	FLOAT	%	The Tandem Free Operation success rate for AMR-NB Codec types	Average, ermgwms bh
_%_TFO_EFR_Success	100 * ({pmTfoEfrEstablishments } + {pmTfoEfrReEstablishme	FLOAT	%	The Tandem Free Operation success rate for AMR-NB Codec types	Average, ermgwms bh

	nts} - {pmTfoEfrDroppedCalls}) /({pmTfoEfrNegotiations} + {pmTfoEfrReNegotiations})				
_%_TFO_Fallback_PCM_AMR_Success	100 * {pmTfoAmrNbFallbacks}/ ({pmTfoAmrNbFallbacks} + {pmTfoAmrNbDroppedCalls})	FLOAT	%	The Tandem Free Operation fallbacks to PCM Success Rate (AMR Codec)	Average, ermgwms bh
_%_TFO_Fallback_PCM_EFR_Success	100 * {pmTfoEfrFallbacks}/ ({pmTfoEfrFallbacks} + {pmTfoEfrDroppedCalls})	FLOAT	%	The Tandem Free Operation fallbacks to PCM Success Rate (EFR Codec)	Average, ermgwms bh
pmTfoAmrNbDropped Calls	eri_mgw_resrc_tfo_tab.sdi u3raox22agtpcb0221vynil	INTEG ER	#	The number of failed Tandem Free Operation (TFO) fallbacks to PCM.	Sum, ermgwms bh
pmTfoAmrNbEndPoint Mode	eri_mgw_resrc_tfo_tab.sdi u3rcox22agtpcb0221vynil	INTEG ER	#	The number times the Tandem Free Operation (TFO) service instance has been reserved in end point mode for Adaptive Multi Rate (AMR) narrow band codec types.	Sum, ermgwms bh
pmTfoAmrNbEstablish ments	eri_mgw_resrc_tfo_tab.sdi u3reox22agtpcb0221vynil	INTEG ER	#	The number of successfully established connections based on Tandem Free Operation (TFO) negotiations with another partner for Adaptive	Sum, ermgwms bh

				Multi Rate (AMR) narrow band codec types.	
pmTfoAmrNbFallbacks	eri_mgw_resrc_tfo_tab.sdiu3rgox22agtpcb0221vynil	INTEGER	#	The number of Tandem Free Operation (TFO) fallbacks to PCM when using the Adaptive Multi Rate (AMR) narrow band speech codec.	Sum, ermgwmsbh
pmTfoAmrNbNegotiations	eri_mgw_resrc_tfo_tab.sdiu3riox22agtpcb0221vynil	INTEGER	#	The number of Tandem Free Operation (TFO) negotiations with another partner for Adaptive Multi Rate (AMR) narrow band codec types.	Sum, ermgwmsbh
pmTfoAmrNbReEstablishments	eri_mgw_resrc_tfo_tab.sdiu3rkox22agtpcb0221vynil	INTEGER	#	The number of successfully established connections based on Tandem Free Operation (TFO) renegotiations with another partner for Adaptive Multi Rate (AMR) narrow band codec types.	Sum, ermgwmsbh
pmTfoAmrNbReNegotiations	eri_mgw_resrc_tfo_tab.sjirufkox22agtpcb0221vynil	INTEGER	#	The number of Tandem Free Operation (TFO)	Sum, ermgwmsbh

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				renegotiations with another partner for Adaptive Multi Rate (AMR) narrow band codec types. The renegotiation is triggered after TFO fallback to PCM has occured.	
pmTfoAmrWbDropped Calls	eri_mgw_resrc_tfo_tab.xn qwa41ylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of unsuccessful TFO fallbacks to PCM when using the AMR Wideband (AMR-WB) speech codec. The connection is eventually released by the MGC based on an error notification sent by the M-MGw.	Sum, ermgwms bh
pmTfoAmrWbEndPoin tMode	eri_mgw_resrc_tfo_tab.xn qwa43ylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of successful TFO service seizures for AMR-WB codec type, that is, the number of times the TFO service instance has been reserved in end point mode for AMR-WB codec type.	Sum, ermgwms bh
pmTfoAmrWbEstablis hments	eri_mgw_resrc_tfo_tab.xn qwa45ylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of successful establishments based on the first TFO negotiation with another	Sum, ermgwms bh

				partner for AMR-WB codec type. If the TFO negotiation does not lead to a TFO establishment it usually means that the TFO partner does not support compatible codec types in order to establish TFO. Other reasons can be expired timers or that the RC waiting timer prevents the TFO establishment. It cannot be determined which one of the TFO partners is the reason for the unsuccessful TFO establishment.	
pmTfoAmrWbFallbacks	eri_mgw_resrc_tfo_tab.xnqwa4aylp2ahuovr02ofb3l3m	INTEGER	#	The number of TFO connections falling back to PCM when using the AMR-WB speech codec. Possible causes for fallbacks are insertion of non-TFO compatible functions into the TFO link, such as tone senders, DTMF senders,	Sum, ermgwmsbh

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				announcements and conference calls.	
pmTfoAmrWbNegotiations	eri_mgw_resrc_tfo_tab.xn qwa4cylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of TFO negotiations with another partner for AMR-WB codec type, that is the number of times negotiation contact is reached with a distant TFO partner during the first TFO negotiation attempt. It is enough that the distant TFO partner responds, not necessarily leading to a TFO establishment. If the distant TFO partner is unreachable the counter is not incremented. This could be the case when negotiating TFO towards networks not supporting TFO, for example PSTN.	Sum, ermgwms bh
pmTfoAmrWbReEstab lishments	eri_mgw_resrc_tfo_tab.xn qwa4eylp2ahuovr02ofb3l3 m	INTEG ER	#	The number of successfully established connections based on TFO renegotiations with another partner for AMR-WB codec type.	Sum, ermgwms bh

pmTfoAmrWbReNegotiations	eri_mgw_resrc_tfo_tab.xnqwa4gylp2ahuovr02ofb3l3m	INTEGER	#	The number of TFO renegotiations with another partner for AMR-WB codec types, that is, the number of times a negotiation contact is reached with a distant TFO partner after the first TFO negotiation attempt. Renegotiations can be triggered for example after a TFO fallback to PCM, when the distant TFO partner starts a new TFO negotiation after it has changed its codec or when the distant TFO partner starts a TFO negotiation after the local partner has stopped its first TFO negotiation.	Sum, ermgwmsbh
pmTfoEfrDroppedCalls	eri_mgw_resrc_tfo_tab.sjirufmox22agtpcb0221vynil	INTEGER	#	The number of failed Tandem Free Operation (TFO) fallbacks to PCM.	Sum, ermgwmsbh
pmTfoEfrEndPointMode	eri_mgw_resrc_tfo_tab.sjirufoox22agtpcb0221vynil	INTEGER	#	The number of times the Tandem	Sum, ermgwms

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				Free Operation (TFO) service instance has been reserved in end point mode for Enhanced Full Rate (EFR) codec type.	bh
pmTfoEfrEstablishments	eri_mgw_resrc_tfo_tab.sjir ufqox22agtpcb0221vynil	INTEG ER	#	The number of successfully established connections based on Tandem Free Operation (TFO) negotiations with another partner for Enhanced Full Rate (EFR) codec type.	Sum, ermgwms bh
pmTfoEfrFallbacks	eri_mgw_resrc_tfo_tab.sjir ufsox22agtpcb0221vynil	INTEG ER	#	The number of Tandem Free Operation (TFO) fallbacks to PCM when using the GSM Enhanced Full Rate (EFR) speech codec.	Sum, ermgwms bh
pmTfoEfrNegotiations	eri_mgw_resrc_tfo_tab.sjir ufuox22agtpcb0221vynil	INTEG ER	#	The number of Tandem Free Operation (TFO) negotiations with another partner for Enhanced Full Rate (EFR) codec type.	Sum, ermgwms bh
pmTfoEfrReEstablishm ents	eri_mgw_resrc_tfo_tab.sjir ufwox22agtpcb0221vynil	INTEG ER	#	The number of successfully established connections based on Tandem Free Operation (TFO)	Sum, ermgwms bh

				renegotiations with another partner for Enhanced Full Rate (EFR)codec type.	
pmTfoEfrReNegotiations	eri_mgw_resrc_tfo_tab.sjir ufyox22agtpcb0221vynil	INTEG ER	#	The number of Tandem Free Operation (TFO) renegotiations with another partner for Enhanced Full Rate (EFR) codec type. The renegotiation is triggered after TFO fallback to PCM has occured.	Sum, ermgwms bh

6.23.7 MGW_Resource_Pool.Ericsson.UMTS.Utilisation2

Utilisation data

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmBitTransparentCall s	eri_mgw_rp_utilisation2_t ab.sjiruheox22agtpcb0221 vynil	INT8	#	Current Number of Bit Transparent Calls. Mapping changed in R3.	Average, ermgwms bh, tot, min, max
pmBitTransparentCall sFail	eri_mgw_rp_utilisation2_t ab.sjiruhgox22agtpcb0221 vynil	INT8	#	Obsolete in R4.1:Total Number of Unsuccessful Bit Transparent Calls. Mapping changed in R3.	Sum, ermgwms bh

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBitTransparentCallsSuccess	eri_mgw_rp_utilisation2_tab.sjiruhiox22agtpcb0221vynil	INT8	#	Total Number of successful Bit Transparent calls. Mapping changed in R3.	Sum, ermgwmsbh

6.23.8 MGW_Resource_Pool.Ericsson.UMTS.Utilisation

Utilisation data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmFtmCallsFail	eri_mgw_rp_utilisation_tab.sjirugaox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Unsuccessful FTM Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmFtmCalls	eri_mgw_rp_utilisation_tab.sjirug5ox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Current Number of FTM Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmFtmCallsSuccess	eri_mgw_rp_utilisation_tab.sjirugcox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Successful FTM Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmHandovers	eri_mgw_rp_utilisation_tab.sjirugeox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of CSD Handovers to GSM. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmModemOrigFail	eri_mgw_rp_utilisation_tab.sjirugiox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Unsuccessful Originating Modem Calls. This counter is no longer	Sum, ermgwmsbh

				supported after R2.	
pmModemOrig	eri_mgw_rp_utilisation_tab.sjiruggox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Defines if IWF (Interworking Function) initiates a call (i.e. modem calls or answers). This counter is no longer supported after R2.	Sum, ermgwmsbh
pmModemOrigSuccess	eri_mgw_rp_utilisation_tab.sjirugkox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Successful Originating Modem Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmModemTermFail	eri_mgw_rp_utilisation_tab.sjirugoox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Unsuccessful Terminating Modem Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmModemTerm	eri_mgw_rp_utilisation_tab.sjirugmox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Defines if IWF (Interworking Function) terminates a call (i.e. modem calls or answers). This counter is no longer supported after R2.	Sum, ermgwmsbh
pmModemTermSuccess	eri_mgw_rp_utilisation_tab.sjirugqox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Successful Terminating Modem Calls. This	Sum, ermgwmsbh

				counter is no longer supported after R2.	
pmUdiCallsFail	eri_mgw_rp_utilisation_tab.sjiruguox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of unsuccessful UDI calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmUdiCalls	eri_mgw_rp_utilisation_tab.sjirugsox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Current Number of UDI Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmUdiCallsSuccess	eri_mgw_rp_utilisation_tab.sjirugwox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of Successful UDI Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmV21Calls	eri_mgw_rp_utilisation_tab.sjirugyox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of V21 Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmV22bisCalls	eri_mgw_rp_utilisation_tab.sjiruh3ox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of V.22bis Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmV22Calls	eri_mgw_rp_utilisation_tab.sjiruh1ox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of V.22 Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh
pmV32Calls	eri_mgw_rp_utilisation_tab.sjiruh5ox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total Number of V.32 Calls. This counter is no longer supported after R2.	Sum, ermgwmsbh

| pmV34Calls | eri_mgw_rp_utilisation_tab.sjiruhaox22agtpcb0221vynil | INT8 | # | Obsolete in R4.1:Total Number of V.34 Calls. This counter is no longer supported after R2. | Sum, ermgwmsbh |
| pmV90Calls | eri_mgw_rp_utilisation_tab.sjiruhcox22agtpcb0221vynil | INT8 | # | Obsolete in R4.1:Total Number of V.90 Calls. This counter is no longer supported after R2. | Sum, ermgwmsbh |

6.23.9 MGW_Resource_Pool.Ericsson.UMTS.WCDMA_CSD_Digital_Pool

WCDMA CSD digital pool data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmFtmSucc	100 * {pmFtmSucc}/ ({pmFtmSucc}+ {pmFtmFail})	FLOAT	%	Seizure success rate of non-transparent FTM connections.	Average, ermgwmsbh
_%_pmModemOSucc	100 * {pmModemOSucc}/ ({pmModemOSucc}+ {pmModemOFail})	FLOAT	%	Seizure success rate of originating MANT WCDMA connections.	Average, ermgwmsbh
_%_pmModemTSucc	100 * {pmModemTSucc}/ ({pmModemTSucc}+ {pmModemTFail})	FLOAT	%	Seizure success rate of terminating MANT WCDMA connections.	Average, ermgwmsbh
_%_pmUdiSucc	100 * {pmUdiSucc}/ ({pmUdiSucc}+ {pmUdiFail})	FLOAT	%	Seizure success rate of asynchronous non-transparent UDI WCDMA connections.	Average, ermgwmsbh
pmFtmFail	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhkox22agtpcb0221vynil	INT8	#	Total number of unsuccessful, non-transparent FTM.	Sum, ermgwmsbh

pmFtmSucc	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhmox22agtpcb0221vynil	INT8	#	Total number of successful non-transparent FTM WCDMA.	Sum, ermgwmsbh
pmModemOFail	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhoox22agtpcb0221vynil	INT8	#	Total number of unsuccessful originating MANT WCDMA.	Sum, ermgwmsbh
pmModemOSucc	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhqox22agtpcb0221vynil	INT8	#	Total number of successful originating MANT WCDMA.	Sum, ermgwmsbh
pmModemTFail	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhuox22agtpcb0221vynil	INT8	#	Total number of unsuccessful terminating MANT WCDMA connections.	Sum, ermgwmsbh
pmModemTSucc	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhsox22agtpcb0221vynil	INT8	#	Total number of successful terminating MANT WCDMA connections.	Sum, ermgwmsbh
pmNumFtm	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhwox22agtpcb0221vynil	INT8	#	Current number of non-transparent FTM WCDMA connections.	Average, ermgwmsbh, tot, min, max
pmNumModemO	eri_mgw_rp_wcdma_csd_dp_tab.sjiruhyox22agtpcb0221vynil	INT8	#	Current number of originating MANT WCDMA connections.	Average, ermgwmsbh, tot, min, max
pmNumModemT	eri_mgw_rp_wcdma_csd_dp_tab.sjirui1ox22agtpcb0221vynil	INT8	#	Current number of terminating MANT WCDMA.	Average, ermgwmsbh, tot, min, max
pmNumUdi	eri_mgw_rp_wcdma_csd_dp_tab.sjirui3ox22agtpcb0221vynil	INT8	#	Current number of asynchronous non-transparent UDI WCDMA connections.	Average, ermgwmsbh, tot, min, max
pmUdiFail	eri_mgw_rp_wcdma_csd_	INT8	#	Total number of	Sum,

	dp_tab.sjirui5ox22agtpcb0221vynil			unsuccessful asynchronous nontransparent UDI WCDMA connections.	ermgwms bh
pmUdiSucc	eri_mgw_rp_wcdma_csd_dp_tab.sjiruiaox22agtpcb0221vynil	INT8	#	Total number of successful asynchronous non-transparent UDI WCDMA connections.	Sum, ermgwms bh

6.23.10 MGW_Resource_Pool.Ericsson.UMTS.WCDMA_CSD_Modem_Pool

WCDMA CSD modem pool data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmAsyncNonTransModemWcdma	eri_mgw_rp_wcdma_csd_mp_tab.sjiruikox22agtpcb0221vynil	INT8	#	Total number of modem MANT WCDMA connections.	Sum, ermgwms bh
pmV21	eri_mgw_rp_wcdma_csd_mp_tab.sjiruimox22agtpcb0221vynil	INT8	#	Total number of V.21 WCDMA connections.	Sum, ermgwms bh
pmV22bis	eri_mgw_rp_wcdma_csd_mp_tab.spl2vkmox22agtpcb0221vynil	INT8	#	Total number of V.22bis WCDMA connections.	Sum, ermgwms bh
pmV22	eri_mgw_rp_wcdma_csd_mp_tab.spl2vkkox22agtpcb0221vynil	INT8	#	Total number of V.22 WCDMA connections.	Sum, ermgwms bh
pmV32bisGsm	eri_mgw_rp_wcdma_csd_mp_tab.spl2vkuox22agtpcb0221vynil	INTEGER	#	The total number of V.32bis GSM connections.	Sum, ermgwms bh

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmV32	eri_mgw_rp_wcdma_csd_mp_tab.spl2vkoox22agtpcb0221vynil	INT8	#	Total number of V.32 WCDMA connections.	Sum, ermgwmsbh
pmV34	eri_mgw_rp_wcdma_csd_mp_tab.spl2vkqox22agtpcb0221vynil	INT8	#	Total number of V.34 WCDMA connections.	Sum, ermgwmsbh
pmV90	eri_mgw_rp_wcdma_csd_mp_tab.spl2vksox22agtpcb0221vynil	INT8	#	Total number of V.90 WCDMA connections.	Sum, ermgwmsbh

6.24 MS_Device_Group Performance Indicators

- MS_Device_Group.Ericsson.UMTS.Device_Group_Statistics

6.24.1 MS_Device_Group.Ericsson.UMTS.Device_Group_Statistics

The statistics for the instance of MsDeviceGroup which represents all devices on one MSB and hence the media stream characteristics of the parent plug-in unit (PIU) instance.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmSerDetected	eri_msdvgrp_stat_tab.tyauvubhaq2ahcwkb035xkcuai	INTEGER	#	Obsolete in R4.2. The number of Soft Error Rate (SER) faults detected by the DSP SER supervision functionality of the corresponding MSB3 board.	Sum, ermpiuldbh

6.25 MS_Device_Pool Performance Indicators

- MS_Device_Pool.Ericsson.UMTS.Pool_Status

6.25.1 MS_Device_Pool.Ericsson.UMTS.Pool_Status

Media stream pool resource statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

_%_Device_Utilization	100 - {capacityIdle}	INTEGER	%	Device utilization rate	Average, ermgwm sbh, tot, min, max
capacityBusy	eri_ms_dp_pool_status_tab.spl2vl1ox22agtpcb0221vynil	INTEGER	%	The fraction (%) of busy device capacity in the pool.	Average, ermgwm sbh, tot, min, max
capacityDependencyFailed	eri_ms_dp_pool_status_tab.spl2vl3ox22agtpcb0221vynil	INTEGER	%	The fraction (%) of device capacity in the pool which are out of service due to dependent hardware being faulty. The total fraction (%) of faulty device capacity in the pool is the sum of capacityFailed + capacityDependencyFailed. The accuracy is (+/-)1% (percent).	Average, ermgwm sbh, tot, min, max
capacityDependencyLocked	eri_ms_dp_pool_status_tab.spl2vl5ox22agtpcb0221vynil	INTEGER	%	The fraction (%) of device capacity in the pool which are out of service due to the maintenance locking of dependent hardware. The accuracy is (+/-)1% (percent).	Average, ermgwm sbh, tot, min, max
capacityFailed	eri_ms_dp_pool_status_tab.spl2vkwox22agtpcb0221vynil	INTEGER	%	The total fraction (%) of device capacity in the pool, which are faulty due to faults in the devices themselves. The total fraction	Average, ermgwm sbh, tot, min, max

KPI Name	Expression	Data Type	Units	Description	Aggregation
				(%) of faulty device in the pool is the sum of capacityFailed + capacityDependency Failed. The accuracy is (+/-)1% (percent).	
capacityIdle	eri_ms_dp_pool_status_tab.spl2vkyox22agtpcb0221vynil	INTEGER	%	The fraction (%) of idle device capacity in the pool.	Average, ermgwmsbh, tot, min, max
capacityLevelReservedForPriorityCalls	eri_ms_dp_pool_status_tab.spl2vlaox22agtpcb0221vynil	INTEGER	#	Defines the level of speech resources to be reserved for priority calls, to be used in case of congestion situations among normal (not reserved for priority calls) resources. The level is given as a fraction 1/1000 (promille) of the enabled capacity in the device pool.	Average, ermgwmsbh, tot, min, max
deviceType	eri_ms_dp_pool_status_tab.spl2vleox22agtpcb0221vynil	INTEGER	#	Defines the types of services in this pool.	Average, tot, min, max
maxNrOfDevices	eri_ms_dp_pool_status_tab.spl2vlcox22agtpcb0221vynil	INTEGER	#	A theoretical maximum number of configured devices in the pool.	Constant, ermgwmsbh, tot, min, max

6.26 MS_Processing Performance Indicators

- MS_Processing.Ericsson.UMTS.DSP

6.26.1 MS_Processing.Ericsson.UMTS.DSP

Media Stream Card Digital Signal Processing statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation

pmSerDetectedTotal	eri_ms_processing_dsp_tab.spl2vliox22agtpcb0221vynil	INTEGER	#	The total number of Soft Error Rate (SER) faults in the node detected by the Digital Signal Processor (DSP) SER supervision functionality of the MSB3 boards.	Sum, ermgwmsbh

6.27 MTP3B_AP Performance Indicators

- MTP3B_AP.Ericsson.UMTS.MTP

6.27.1 MTP3B_AP.Ericsson.UMTS.MTP

MTP3B Access Point MTP statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfAdjacentSPNotAccessible	eri_mgw_mtp3bap_mtp_tab.spl2vlkox22agtpcb0221vynil	INTEGER	SPs	Number of Adjacent Signalling Points (SPs) that are not accessible via all possible routes.	Sum
pmNoOfUserPartUnavailRec	eri_mgw_mtp3bap_mtp_tab.spl2vlmox22agtpcb0221vynil	INTEGER	#	Number of received User Part Unavailable messages.	Sum

6.28 MTP3B_SR Performance Indicators

- MTP3B_SR.Ericsson.UMTS.MTP

6.28.1 MTP3B_SR.Ericsson.UMTS.MTP

MTP3B Signalling route MTP statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfSecondsAccumulatedRouteUnavailable	eri_mgw_mtp3bsr_mtp_tab.spl2vloox22agtpcb0221vynil	INTEGER	Second	The (accumulated) number of seconds the route has been unavailable.	Sum

6.29 Nni_SAAL_Tp Performance Indicators

- Nni_SAAL_Tp.Ericsson.UMTS.SAAL

6.29.1 Nni_SAAL_Tp.Ericsson.UMTS.SAAL

ATM Adaptation Layer Signalling

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_SS7_Signal_Quality_ATM	(1-({pmNoOfAllSLFailures} / ({pmNoOfSentSDUs} + {pmNoOfReceivedSDUs}))) * 100	FLOAT	%	The SS7 broadband quality over ATM	Average, tot, min, max
pmLinkInServiceTime	eri_mgw_nnisaal_saal_tab.spl2vluox22agtpcb0221vynil	INTEGER	Second	The accumulated time (in seconds) the signalling link has been in service (in assured data transfer mode) since it was created. If the link is down, the value is 0.	Average, tot, min, max

pmNoOfAlignmentFailures	eri_mgw_nnisaal_saal_tab .spl2vlwox22agtpcb0221v ynil	INTEGER	#	Number of alignment or proving failures. This counter is increased when "alignment not successful". The counter is reset when the link is created or when the counter "overflows".	Sum
pmNoOfAllSLFailures	eri_mgw_nnisaal_saal_tab .spl2vlyox22agtpcb0221v ynil	INTEGER	#	Number of all Signalling Link failures. Is a total sum of the error counters:Number of protocol errors - Number of unsuccessfully retransmissions - Number of NoResponse - Number of other errors.	Sum
pmNoOfLocalCongestions	eri_mgw_nnisaal_saal_tab .spl2vm1ox22agtpcb0221 vynil	INTEGER	#	Number of local congestions. This counter is incremented when the sum of SAAL send and retransmission buffers is filled to more than what the congestionOnSet attribute is configured for.	Sum
pmNoOfNoResponses	eri_mgw_nnisaal_saal_tab	INTEG	#	Number of no	Sum

				responses. Counts the number of no responses detected during the last 30 minutes.	
	.spl2vm3ox22agtpcb0221vynil	ER			
pmNoOfOtherErrors	eri_mgw_nnisaal_saal_tab.spl2vm5ox22agtpcb0221vynil	INTEGER	#	Number of other list element errors. Counts the number of other errors detected during the last 30 minutes.	Sum
pmNoOfProtocolErrors	eri_mgw_nnisaal_saal_tab.spl2vmaox22agtpcb0221vynil	INTEGER	#	Number of unsolicited or inappropriate Protocol Data Units (PDU). Counts the number of protocol errors detected during the last 30 minutes.	Sum
pmNoOfReceivedSDUs	eri_mgw_nnisaal_saal_tab.spl2vmcox22agtpcb0221vynil	INTEGER	#	Number of successfully received Service Data Units (SDU). Counts the number of successfully received messages from the application using SAAL.	Sum
pmNoOfRemoteCongestions	eri_mgw_nnisaal_saal_tab.spl2vmeox22agtpcb0221vynil	INTEGER	#	Number of remote congestions. This counter is incremented when the remote side gives SAAL no credit. Reset	Sum

				when the link goes InService or when the counter overflows.	
pmNoOfSentSDUs	eri_mgw_nnisaal_saal_tab.spl2vmgox22agtpcb0221vynil	INTEGER	#	Number of successfully sent Service Data Units (SDU). Counts the number of successfully sent messages to the application using SAAL. Reset when the link goes InService or the counter overflows.	Sum
pmNoOfSequenceDataLosses	eri_mgw_nnisaal_saal_tab.spl2vmiox22agtpcb0221vynil	INTEGER	#	Number of Sequences Data (SD) loss. Counts the number of SD loss detected during the last 30 minutes.	Sum
pmNoOfUnsuccReTransmissions	eri_mgw_nnisaal_saal_tab.spl2vmkox22agtpcb0221vynil	INTEGER	#	Number of unsuccessful retransmissions. Counts the number of unsuccessful retransmissions detected during the last 30 minutes.	Sum

6.30 OS155 Performance Indicators

- OS155.Ericsson.UMTS.OS155_Terminating_Point

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.30.1 OS155.Ericsson.UMTS.OS155_Terminating_Point

OS155 Terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmMsBbe	eri_os155_term_point_tab. spl2vmsox22agtpcb0221vy nil	INTEGER	#	Transmission Background Block Errors (BBE).	Sum, ermgwms bh
pmMsEs	eri_os155_term_point_tab. spl2vmoox22agtpcb0221v ynil	INT8	Second	Total number of Errored Seconds for multiplexer section.	Sum, ermgwms bh
pmMsSes	eri_os155_term_point_tab. spl2vmqox22agtpcb0221v ynil	INT8	Second	Total number of Severely Errored Seconds for multiplexer section.	Sum, ermgwms bh
pmMsUas	eri_os155_term_point_tab. spl2vmuox22agtpcb0221v ynil	INTEGER	Second	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected.	Sum, ermgwms bh

6.31 OSPF Performance Indicators

- OSPF.Ericsson.UMTS.OSPF_Routing_Protocol

6.31.1 OSPF.Ericsson.UMTS.OSPF_Routing_Protocol

OSPF Routing Protocol statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfOspfOriginateNewLsas	eri_mgw_ospf_proto_tab.spl2vmwox22agtpcb0221vynil	INTEGER	#	The number of new Link-State Advertisements (LSA) that have been originated. This number is incremented each time the router originates a new LSA.	Sum
pmNoOfOspfRxNewLsas	eri_mgw_ospf_proto_tab.spl2vmyox22agtpcb0221vynil	INTEGER	#	The number of Link-State Advertisements (LSA) received that are determined to be new instantiations. This number does not include newer instantiations of self-originated link-state advertisements.	Sum

6.32 OSPF_Area Performance Indicators

- OSPF_Area.Ericsson.UMTS.Area_Route_Table

6.32.1 OSPF_Area.Ericsson.UMTS.Area_Route_Table

OSPF Routing Area

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfOspfSpfRu	eri_mgw_ospfarea_tab.spl	INTEG	#	The number of	Sum

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KPI Name	Expression	Data Type	Units	Description	Aggregation
ns	2vn1ox22agtpcb0221vynil	ER		times that the intra-area route table has been calculated using the link-state database for this area. This is typically done using Dijkstras algorithm.	

6.33 OSPF_Interface Performance Indicators

- OSPF_Interface.Ericsson.UMTS.Interface

6.33.1 OSPF_Interface.Ericsson.UMTS.Interface

OSPF Routing Interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfOspfIfEvents	eri_mgw_ospfif_tab.spl2vn3ox22agtpcb0221vynil	INTEGER	#	The number of times this OSPF interface has changed its state or that an error has occurred.	Sum

6.34 Plug_In_Unit Performance Indicators

- Plug_In_Unit.Ericsson.UMTS.CPU_Load

6.34.1 Plug_In_Unit.Ericsson.UMTS.CPU_Load

Plug In Unit processor load

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmProcessorLoad	eri_mgw_piu_cpu_tab.spl2vn5ox22agtpcb0221vynil	INTEGER	%	The average CPU load during the last 5 minutes. The value is stated in percent.	Average, ermpiuldbh, tot, min, max

| | | | | Implemented only on MP and BP. (MP is Main Processor and BP is Board Processor. A GPB board has an MP Other boards have a BP that communicates with an MP). | |

6.35 RemoteSite Performance Indicators

- [RemoteSite.Ericsson.UMTS.Connection_Quality](#)
- [RemoteSite.Ericsson.UMTS.Connection](#)

6.35.1 RemoteSite.Ericsson.UMTS.Connection_Quality

Remote site connection quality

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_DSCP_Received_Packet	100 * {pmRtpReceivedDscpCongPackets}/ {pmRtpReceivedPktsHi}	FLOAT	%	The received DSCP remarked packet rate (introduced in R5.1)	Average
_%_ECN_Received_Packet2	100 * {pmIpReceivedEcnPkts}/ {pmRtpReceivedPktsHi}	FLOAT	%	The received ECN packet rate (introduced in R5.1 to replace previous ECN_Received_Packet formula)	Average

_%_ECN_Received_Packet	100 * {pmIpReceivedEcnPkts}/ {pmRtpReceivedPkts}	FLOAT	%	Obsolete in R5.1:The received ECN packet rate	Average
_%_IP_User_Plane_Quality	(1-(({pmRtpDiscardedPkts} + {pmRtpLostPkts}) / ({pmRtpReceivedPkts} + {pmRtpLostPkts}))) * 100	FLOAT	%	Obsolete in R5.1:The percentage of IP user plane quality	Average, tot, min, max
_%_RTP_Discard2	100 * {pmRtpDiscardedPkts}/ {pmRtpReceivedPktsHi}	FLOAT	%	The RTP packet discard rate (introduced in R5.1 to replace previous RTP_Discard formula)	Average
_%_RTP_Discard	100 * {pmRtpDiscardedPkts}/ {pmRtpReceivedPkts}	FLOAT	%	Obsolete in R5.1:The RTP packet discard rate	Average
_%_RTP_Loss2	100 * {pmRtpLostPkts}/ ({pmRtpLostPkts} + {pmRtpReceivedPktsHi})	FLOAT	%	The RTP packet loss rate (introduced in R5.1 to replace previous RTP_Loss formula)	Average
_%_RTP_Loss	100 * {pmRtpLostPkts}/ {pmRtpLostPkts} + {pmRtpReceivedPkts}	FLOAT	%	Obsolete in R5.1:The RTP packet loss rate	Average
pmCallsWithRtpPacketLoss 0	eri_mgw_rem_conqos_tab.s pl2vnaox22agtpcb0221vyni l	INTEG ER	#	The total number of connections where no packet loss on Real-time Transport	Sum

				Protocol (RTP) layer has been detected, that is, packet loss ratio is zero.	
pmCallsWithRtpPacketLoss 1	eri_mgw_rem_conqos_tab.s pl2vncox22agtpcb0221vyni l	INTEG ER	#	The total number of connections where packet loss ratio on the Real-time Transport Protocol (RTP) layer has been less than 0.0001.	Sum
pmCallsWithRtpPacketLoss 2	eri_mgw_rem_conqos_tab.s pl2vneox22agtpcb0221vyni l	INTEG ER	#	The total number of connections where packet loss ratio on the Real-time Transport Protocol (RTP) layer has been greater than or equal to 0.0001 but less than 0.001.	Sum
pmCallsWithRtpPacketLoss 3	eri_mgw_rem_conqos_tab.s vkq32sox22agtpcb0221vyni l	INTEG ER	#	The total number of connections where packet loss ratio on the Real-time Transport	Sum

				Protocol (RTP) layer has been greater than or equal to 0.001 but less than 0.005.	
pmCallsWithRtpPacketLoss4	eri_mgw_rem_conqos_tab.svkq32uox22agtpcb0221vynil	INTEGER	#	The total number of connections where packet loss ratio on the Real-time Transport Protocol (RTP) layer has been greater than or equal to 0.005 but less than 0.01.	Sum
pmCallsWithRtpPacketLoss5	eri_mgw_rem_conqos_tab.svkq32wox22agtpcb0221vynil	INTEGER	#	The total number of connections where packet loss ratio on the Real-time Transport Protocol (RTP) layer has been greater than or equal to 0.01 but less than 0.03.	Sum
pmCallsWithRtpPacketLoss6	eri_mgw_rem_conqos_tab.svkq32yox22agtpcb0221vynil	INTEGER	#	The total number of connections where packet loss ratio on the Real-time Transport Protocol (RTP) layer	Sum

				has been greater than or equal to 0.03.	
pmConnLatePktsRatio0	eri_mgw_rem_conqos_tab.svkq331ox22agtpcb0221vynil	INTEGER	#	The total number of connections when jitter compensation is used and where no packets has missed its processing time, that is, it has not delayed more than the configured jitter protection time.	Sum
pmConnLatePktsRatio1	eri_mgw_rem_conqos_tab.svkq333ox22agtpcb0221vynil	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0< R <= 0.0001. Late packet means that it	Sum

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				has missed its processing time, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnLatePktsRatio2	eri_mgw_rem_conqos_tab.s vkq335ox22agtpcb0221vyn il	INTEG ER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time, that is, it is delayed	Sum

				more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnLatePktsRatio3	eri_mgw_rem_conqos_tab.s vkq33aox22agtpcb0221vyn il	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0.001 < R <= 0.005$. Late packet means that it has missed its processing time, that is,	Sum

				it is delayed more than the configured jitter protection time. The packet is, however, processed in the next scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnLatePktsRatio4	eri_mgw_rem_conqos_tab.s vkq33cox22agtpcb0221vyn il	INTEG ER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through jitter compensation buffer is $0.005 < R <= 0.01$. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection	Sum

				time. The packet is, however, processed in the next scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnLatePktsRatio5	eri_mgw_rem_conqos_tab.svkq33eox22agtpcb0221vynil	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection	Sum

				time. The packet is, however, processed in the next scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnLatePktsRatio6	eri_mgw_rem_conqos_tab.svkq33gox22agtpcb0221vynil	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next	Sum

				scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmConnMeasuredJitter0	eri_mgw_rem_conqos_tab.svkq33iox22agtpcb0221vynil	INTEGER	#	The total number of connections with measured jitter (J) is 0 ms <= J <= 0.5 ms (very low input jitter). Jitter is measured only for connections where jitter compensation has been performed. The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	Sum
pmConnMeasuredJitter1	eri_mgw_rem_conqos_tab.svkq33kox22agtpcb0221vynil	INTEGER	#	The total number of connections with measured jitter (J) is 0.5	Sum

				ms < J <= 1.0 ms (low input jitter). Jitter is measured only for connections where jitter compensation has been performed. The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	
pmConnMeasuredJitter2	eri_mgw_rem_conqos_tab.s vkq33mox22agtpcb0221vy nil	INTEG ER	#	The total number of connections with measured jitter (J) is 1.0 ms < J <= 2.0 ms (moderate input jitter). Jitter is measured only for connections where jitter compensation has been performed. The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	Sum
pmConnMeasuredJitter3	eri_mgw_rem_conqos_tab.s vkq33oox22agtpcb0221vyn	INTEG ER	#	The total number of	Sum

	il				connections with measured jitter (J) is 2.0 ms < J <= 5.0 ms (high input jitter). Jitter is measured only for connections where jitter compensation has been performed. The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	
pmConnMeasuredJitter4	eri_mgw_rem_conqos_tab.s vkq33qox22agtpcb0221vyn il	INTEG ER	#		The total number of connections with measured jitter (J) is 5.0 ms < J <= 8.0 ms (very high input jitter). Jitter is measured only for connections where jitter compensation has been performed.	Sum

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				The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	
pmConnMeasuredJitter5	eri_mgw_rem_conqos_tab.svkq33sox22agtpcb0221vynil	INTEGER	#	The total number of connections with measured jitter (J) is 8.0 ms < J <= 30.0 ms. Jitter is measured only for connections where jitter compensation has been performed. The Adaptive Multi-rate (AMR) Silence Descriptor (SID) frames are not included.	Sum
pmConnMeasuredJitter6	eri_mgw_rem_conqos_tab.xnqwa2sylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 30.0 ms < J <= 60.0 ms. Jitter is measured only for connections where jitter compensation	Sum

				has been performed. SID frames are not included in the measurement.	
pmConnMeasuredJitter7	eri_mgw_rem_conqos_tab. xnqwa2uylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of connections with measured jitter (J) is 60.0 ms < J <= 100.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter8	eri_mgw_rem_conqos_tab. xnqwa2wylp2ahuovr02ofb3 l3m	INTEG ER	#	The total number of connections with measured jitter (J) is greater than 100.0 ms. Jitter is measured only for connections	Sum

				where jitter compensation has been performed. SID frames are not included in the measurement.	
pmConnsOnRemoteSite	eri_mgw_rem_conqos_tab. xnqwa2yylp2ahuovr02ofb3l 3m	INTEG ER	#	The number of current connections in this remote site.	Average, tot, min, max
pmIpReceivedEcnPkts	eri_mgw_rem_conqos_tab.s vkq33uox22agtpcb0221vyn il	INTEG ER	#	The total number of received ECN marked (Congestion Experienced) IP packets. The counter is stepped after connection release.	Sum
pmLatePktsDueToDeJitter	eri_mgw_rem_conqos_tab.s vkq33wox22agtpcb0221vy nil	INTEG ER	#	The total number of packets where a packet has been so late that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. The packet is, however, processed in the next	Sum

				scheduled processing time if there are less than 7 packets in the buffer, otherwise the packet is dropped.	
pmNrOfAdmCtrlAcceptedConnections	eri_mgw_rem_conqos_tab.xnqwa31ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections accepted by feature Measurement Based Admission Control (MBAC) for IP Traffic.	Sum
pmNrOfAdmCtrlRejectedConnections	eri_mgw_rem_conqos_tab.svkq33yox22agtpcb0221vynil	INTEGER	#	The total number of rejected connections due to feature Measurement Based Connection Admission Control (MBAC) for IP Traffic.	Sum
pmRtpDiscardedPkts	eri_mgw_rem_conqos_tab.svkq341ox22agtpcb0221vynil	INTEGER	#	The number of discarded Real-time Transport Protocol (RTP) packets, that	Sum

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				is, received RTP packets discarded due to header validity checks or due to misordered sequence numbers.	
pmRtpLostPkts	eri_mgw_rem_conqos_tab.s vkq343ox22agtpcb0221vyn il	INTEG ER	#	The total number of dropped Real-time Transport Protocol (RTP) packets. The detection of dropped packets is based on sequence numbers in the RTP header as defined in Request for Comments (RFC) 1889.	Sum
pmRtpReceivedDscpCongP ackets	eri_mgw_rem_conqos_tab. xnqwa33ylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of received IP packets with the special Differentiated Services Code Point (DSCP) value.	Sum
pmRtpReceivedOctetsHi	eri_mgw_rem_conqos_tab. xnqwa35ylp2ahuovr02ofb3l 3m	INT8	Octet s	The total number of received RTP payload octets.	Sum

pmRtpReceivedOctetsLo	eri_mgw_rem_conqos_tab. xnqwa3aylp2ahuovr02ofb3l 3m	INT8	Octet s	The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceiv edOctetsHi (bit 61-31) - pmRtpReceiv edOctetsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	Sum
pmRtpReceivedPktsHi	eri_mgw_rem_conqos_tab. xnqwa3cylp2ahuovr02ofb3l 3m	INT8	#	The total number of received RTP packets.	Sum
pmRtpReceivedPktsLo	eri_mgw_rem_conqos_tab. xnqwa3eylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of received RTP packets. This	Sum

				high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPktsHi (bit 61-31) - pmRtpReceivedPktsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	
pmRtpReceivedPkts	eri_mgw_rem_conqos_tab.svkq345ox22agtpcb0221vynil	INTEGER	#	Obsolete in R5.1:The total number of received Real-time Transport Protocol (RTP) packets.	Sum
pmRtpSentOctetsHi	eri_mgw_rem_conqos_tab.xnqwa3gylp2ahuovr02ofb3l3m	INT8	Octets	The total number of sent RTP payload octets.	Sum
pmRtpSentOctetsLo	eri_mgw_rem_conqos_tab.xnqwa3iylp2ahuovr02ofb3l3m	INT8	Octets	The total number of sent RTP payload octets. This	Sum

				high-capacity PM counter is split and presented by two 31 bit attributes: -pmRtpSentOctetsHi (bit 61-31) -pmRtpSentOctetsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	
pmRtpSentPktsHi	eri_mgw_rem_conqos_tab. xnqwa3kylp2ahuovr02ofb3l 3m	INT8	#	The total number of sent RTP packets.	Sum
pmRtpSentPktsLo	eri_mgw_rem_conqos_tab. xnqwa3mylp2ahuovr02ofb3 l3m	INTEG ER	#	The total number of sent RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: -pmRtpSentPk	Sum

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				tsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	
pmSuccTransmittedPktsHi	eri_mgw_rem_conqos_tab. xnqwa3oylp2ahuovr02ofb3l 3m	INT8	#	The total number of successfully transmitted packets through the jitter compensation buffer. SID frames are not included in the measurement.	Sum
pmSuccTransmittedPktsLo	eri_mgw_rem_conqos_tab. xnqwa3qylp2ahuovr02ofb3l 3m	INTEG ER	#	The total number of successfully transmitted packets through the jitter compensation buffer. SID frames are not included in the measurement. This high-	Sum

| | | | | capacity PM counter is split and presented by two 31 bit attributes: -pmSuccTransmittedPktsHi (bit 61-31) -pmSuccTransmittedPktsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter. | |
| pmSuccTransmittedPkts | eri_mgw_rem_conqos_tab.svkq34aox22agtpcb0221vynil | INTEGER | # | Obsolete in R5.1:The total number of successfully transmitted packets through the jitter compensation buffer. The Adaptive Multi-rate (AMR) Silence | Sum |

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				Descriptor (SID) frames are not included.	

6.35.2 RemoteSite.Ericsson.UMTS.Connection

Remote site connection information

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfAmr2Conns	eri_mgw_rem_conn_tab.xj iui2wert2aht30r02ofawjhe	INTEGER	#	Obsolete in R5.1:The number of current Adaptive Multi-Rate 2 (AMR2) connections in this remote site. Condition: The counter is incremented when an AMR2 connection is established and decremented when released.	Average, tot, min, max
pmNoOfAmrConns	eri_mgw_rem_conn_tab.xj iui2yert2aht30r02ofawjhe	INTEGER	#	Obsolete in R5.1:The number of current Adaptive Multi-Rate (AMR) connections in this remote site. Condition: The counter is incremented when an AMR connection is established and decremented when released.	Average, tot, min, max
pmNoOfEfrConns	eri_mgw_rem_conn_tab.x qpjw4oert2aht30r02ofawjh e	INTEGER	#	Obsolete in R5.1:The number of current	Average, tot, min, max

				Enhanced Full Rate (EFR) connections in this remote site. Condition: The counter is incremented when an EFR connection is established and decremented when released.	
pmNoOfFrAmrConns	eri_mgw_rem_conn_tab.xxx2xqcert2aht30r02ofawjhe	INTEGER	#	Obsolete in R5.1:The number of current Full Rate (FR) AMR connections in this remote site. Condition: The counter is incremented when an FR AMR connection is established and decremented when released.	Average, tot, min, max
pmNoOfHrAmrConns	eri_mgw_rem_conn_tab.xxx2xqeert2aht30r02ofawjhe	INTEGER	#	Obsolete in R5.1:The number of current Half Rate (HR) Adaptive Multi-Rate (AMR) connections in this remote site. Condition: The counter is incremented when an HR AMR connection is established and decremented when	Average, tot, min, max

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				released.	
pmNoOfPcmDataCo nns	eri_mgw_rem_conn_tab.ya 2bk5wert2aht30r02ofawjh e	INTEG ER	#	Obsolete in R5.1:The number of current Pulse Code Modulatation (PCM) data connections in this remote site. Condition: The counter is incremented when a PCM data connection is established and decremented when released.	Average, tot, min, max
pmNoOfPcmSpeech Conns	eri_mgw_rem_conn_tab.ya 2bk5yert2aht30r02ofawjhe	INTEG ER	#	Obsolete in R5.1:The number of current Pulse Code Modulation (PCM) speech connections in this remote site. Condition: The counter is incremented when a PCM speech connection is established and decremented when released.	Average, tot, min, max
pmNoOfRdiConns	eri_mgw_rem_conn_tab.y hsn12oert2aht30r02ofawjh e	INTEG ER	#	Obsolete in R5.1:The number of current Restricted Digital Information (RDI) connections in this remote site. Condition: The counter is incremented when an RDI connection is established and	Average, tot, min, max

				decremented when released.	
pmNoOfUdiConns	eri_mgw_rem_conn_tab.yhsn12qert2aht30r02ofawjhe	INTEGER	#	Obsolete in R5.1:The number of current Unrestricted Digital Information (UDI) connections in this remote site. Condition: The counter is incremented when a UDI connection is established and decremented when released.	Average, tot, min, max

6.36 Signalling_Point Performance Indicators

- Signalling_Point.Ericsson.UMTS.MTP2_Terminating_Point
- Signalling_Point.Ericsson.UMTS.MTP3b_Signalling_Point2
- Signalling_Point.Ericsson.UMTS.MTP3b_Signalling_Point
- Signalling_Point.Ericsson.UMTS.SCCP_Accounting
- Signalling_Point.Ericsson.UMTS.SCCP_policing
- Signalling_Point.Ericsson.UMTS.SCCP_Relay_Signalling_Point
- Signalling_Point.Ericsson.UMTS.SCCP_Routing_CRC
- Signalling_Point.Ericsson.UMTS.Utilisation

6.36.1 Signalling_Point.Ericsson.UMTS.MTP2_Terminating_Point

MTP2 terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_SS7_Signal_Quality_TDM	(1-(({pmNoOfNacks}+ {pmNoOfSuReceivedInError}) /	FLOAT	%	The SS7 narrowband quality over TDM	Average, tot, min, max

	({pmNoOfMSUReceived} + {pmNoOfMSUTransmitted})) * 100				
Avg_MSU_Rcvd_Rate	{pmNoOfMSUReceived} / {measurement_seconds}	FLOAT	MSU/sec	Received MSUs per second	Average, tot, min, max
Avg_MSU_Sent_Rate	{pmNoOfMSUTransmitted} / {measurement_seconds}	FLOAT	MSU/sec	Sent MSUs per second	Average, tot, min, max
MTP2_Link_Rcvd_Rate	(({pmNoOfSIOSIFReceived} * 8) + ({pmNoOfMSUReceived} * 56)) / (1000 * {measurement_seconds})	FLOAT	Kbit/s	Received Kbit/s on an MTP2 link	Average, tot, min, max
MTP2_Link_Sent_Rate	(({pmNoOfSIOSIFTransmitted} * 8) + ({pmNoOfMSUTransmitted} * 56)) / (1000 * {measurement_seconds})	FLOAT	Kbit/s	Transmitted Kbit/s on an MTP link	Average, tot, min, max
pmLocalSIBTime	eri_sp_mtp2_term_point_tab.svkq34wox22agtpcb0221vynil	INT8	#	Total time of Status Indication Busy (SIB) in the local node.	Sum
pmNoOfMSUReceived	eri_sp_mtp2_term_point_tab.svkq34yox22agtpcb0221vynil	INT8	#	Total number of MSUs received.	Sum
pmNoOfMSUTransmitted	eri_sp_mtp2_term_point_tab.svkq351ox22agtpcb0221vynil	INT8	#	Total number of MSUs transmitted.	Sum
pmNoOfNacks	eri_sp_mtp2_term_point_tab.svkq353ox22agtpcb0221vynil	INT8	#	Total number of negative acknowledgements received.	Sum
pmNoOfReTransmittedOctets	eri_sp_mtp2_term_point_tab.svkq355ox22agtpcb0221vynil	INT8	#	Total number of re-transmitted octets.	Sum
pmNoOfSendBufferOctets	eri_sp_mtp2_term_point_tab.svkq35eox22agtpcb0221vynil	INT8	#	Total number of octets in send buffer.	Average, tot, min, max

pmNoOfSIOSIFReceived	eri_sp_mtp2_term_point_tab.svkq35aox22agtpcb0221vynil	INT8	#	Total number of Service Information Octet (SIO) and Signal Information Field (SIF) octets received.	Sum
pmNoOfSIOSIFTransmitted	eri_sp_mtp2_term_point_tab.svkq35cox22agtpcb0221vynil	INT8	#	Total number of SIO and SIF octets transmitted.	Sum
pmNoOfStartedRBCongestion	eri_sp_mtp2_term_point_tab.svkq35gox22agtpcb0221vynil	INT8	#	Total number of started local RB congestions.	Sum
pmNoOfSuReceivedInError	eri_sp_mtp2_term_point_tab.svkq35iox22agtpcb0221vynil	INT8	#	Total number of signal units received in error.	Sum
pmRemoteSIBTime	eri_sp_mtp2_term_point_tab.svkq35kox22agtpcb0221vynil	INT8	#	Total time of SIB in a remote node.	Sum
ratio_TX_to_RX_MSU	{pmNoOfMSUTransmitted}/ {pmNoOfMSUReceived}	FLOAT	#	Ratio of MSU transmitted to that received	Average, tot, min, max

6.36.2 Signalling_Point.Ericsson.UMTS.MTP3b_Signalling_Point2

MTP3b signalling point data -2

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfDiscardedMsgFromBroadToNarrow	eri_sp_mtp3b_sp_tab.t2kntuyox22agtpcb0221vynil	INT8	#	Total number of messages discarded from broadband to narrowband.	Sum

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfSecsAccRouteSetUnavailable	eri_sp_mtp3b_sp_tab.t2kntv1ox22agtpcb0221vynil	INTEGER	Second	Number of seconds of route set unavailability accumulated during 30 minutes	Average, tot, min, max
pmNoOfTransferAllowedRec	eri_sp_mtp3b_sp_tab.t2kntv3ox22agtpcb0221vynil	INTEGER	#	Number of received Transfer Allowed (TFA) messages.	Sum
pmNoOfTransferControlledRec	eri_sp_mtp3b_sp_tab.t2kntv5ox22agtpcb0221vynil	INTEGER	#	Number of received Transfer Control (TFC) messages.	Sum
pmNoOfTransferProhibitedRec	eri_sp_mtp3b_sp_tab.t2kntvaox22agtpcb0221vynil	INTEGER	#	Number of received Transfer Prohibited (TFP) messages.	Sum

6.36.3 Signalling_Point.Ericsson.UMTS.MTP3b_Signalling_Point

MTP3b signalling point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmNoOfForcedRerouteSuccessPerf	100 * {pmNoOfControlledRerouteSuccessPerf}/ ({pmNoOfControlledRerouteSuccessPerf}+ {pmNoOfUnsucces	FLOAT	%	Obsolete in R4.1:Controlled rerouting success rate	Average

	sControlledReroutin g})				
_%_pmNoOfUnsuccessFo rcedRerouting	100 * {pmNoOfForcedRe routeSuccessPerf}/ ({pmNoOfForcedR erouteSuccessPerf} + {pmNoOfUnsucces sForcedRerouting})	FL OA T	%	Forced rerouting success rate	Aver age
pmNoOfCBARec	eri_sp_mtp3b_term _point_tab.t2kntt5o x22agtpcb0221vyni l	INT 8	#	Total number of received Changeback Acknowledge (CBA) messages.	Sum
pmNoOfCBASent	eri_sp_mtp3b_term _point_tab.t2knttao x22agtpcb0221vyni l	INT 8	#	Total number of sent CBA messages.	Sum
pmNoOfChangeBackDe clRec	eri_sp_mtp3b_term _point_tab.t2knttgo x22agtpcb0221vyni l	INT 8	#	Total number of received Change Back Declaration (CBD) messages.	Sum
pmNoOfChangeOverRec	eri_sp_mtp3b_term _point_tab.t2knttiox 22agtpcb0221vynil	INT 8	#	Total number of received Changeover Order (COO) messages.	Sum
pmNoOfCOAXCARec	eri_sp_mtp3b_term _point_tab.t2knttco x22agtpcb0221vyni l	INT 8	#	Total number of received COA/XCA messages.	Sum
pmNoOfCOAXCASent	eri_sp_mtp3b_term _point_tab.t2kntteo x22agtpcb0221vyni l	INT 8	#	Total number of sent Changeover Acknowledge (COA)/Extended Changeover Acknowledge (XCA) messages.	Sum
pmNoOfControlledRero uteSuccessPerf	eri_sp_mtp3b_term _point_tab.t2knttko x22agtpcb0221vyni	INT 8	#	Total number of successfully performed controlled reroutings.	Sum

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

	l				
pmNoOfECARec	eri_sp_mtp3b_term_point_tab.t2knttmox22agtpcb0221vynil	INT8	#	Total number of received ECA messages.	Sum
pmNoOfECASent	eri_sp_mtp3b_term_point_tab.t2knttoox22agtpcb0221vynil	INT8	#	Total number of sent Emergency Changeover Acknowledge (ECA) messages.	Sum
pmNoOfECOSent	eri_sp_mtp3b_term_point_tab.t2knttqox22agtpcb0221vynil	INT8	#	Total number of sent ECO messages.	Sum
pmNoOfEmergencyChangeOverRec	eri_sp_mtp3b_term_point_tab.t2knttsox22agtpcb0221vynil	INT8	#	Total number of received Emergency Changeover Order (ECO) messages.	Sum
pmNoOfForcedRerouteSuccessPerf	eri_sp_mtp3b_term_point_tab.t2knttuox22agtpcb0221vynil	INT8	#	Total number of successfully performed forced reroutings.	Sum
pmNoOfIncAssocEstReqInStateDwnStateEstBlocked	eri_sp_mtp3b_term_point_tab.t2kntukox22agtpcb0221vynil	INTEGER	#	pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBlocked:The number of incoming requests for association establishment when the state on the association is DOWN and establishment of associations is blocked.	Sum
pmNoOfLowerPrioMsgDiscarded	eri_sp_mtp3b_term_point_tab.t2kntumox22agtpcb0221vynil	INTEGER	#	The number of messages with low priority that been discarded.	Sum
pmNoOfMaxTrialsForAssocActivReached	eri_sp_mtp3b_term_point_tab.t2kntuoox22agtpcb0221vynil	INTEGER	#	The number of times that the max limit for trying to activate an association has been reached.	Sum
pmNoOfMaxTrialsForAssocEstabReached	eri_sp_mtp3b_term_point_tab.t2kntuqox22agtpcb0221vyni	INTEGER	#	The number of times that the max limit for trying to establish an association has been reached.	Sum

	l				
pmNoOfSLTAFirstTime OutRec	eri_sp_mtp3b_term _point_tab.t2knttwo x22agtpcb0221vyni l	INT 8	#	Total number of received Signalling Link Test Acknowledge (SLTA) messages for first time out check.	Sum
pmNoOfSLTASecondTi meOutRec	eri_sp_mtp3b_term _point_tab.t2knttyo x22agtpcb0221vyni l	INT 8	#	Total number of received Signalling Link Test Acknowledge (SLTA) messages for second time out check.	Sum
pmNoOfSuccessAssocA bort	eri_sp_mtp3b_term _point_tab.t2kntuso x22agtpcb0221vyni l	INT EG ER	#	The number of successful abortions of signalling associations.	Sum
pmNoOfSuccessAssocS hutDown	eri_sp_mtp3b_term _point_tab.t2kntuuo x22agtpcb0221vyni l	INT EG ER	#	Obsolete in R5.1:The number of successful shutdowns of signalling associations.	Sum
pmNoOfTimerT21WasS tarted	eri_sp_mtp3b_term _point_tab.t2kntu5o x22agtpcb0221vyni l	INT 8	#	Total number of times the timer T21 was started.	Sum
pmNoOfTRARec	eri_sp_mtp3b_term _point_tab.t2kntu1o x22agtpcb0221vyni l	INT 8	#	Total number of received Traffic Restart Allowed (TRA) messages.	Sum
pmNoOfTRASent	eri_sp_mtp3b_term _point_tab.t2kntu3o x22agtpcb0221vyni l	INT 8	#	Total number of sent TRA messages.	Sum
pmNoOfUnsuccessAsso cShutDown	eri_sp_mtp3b_term _point_tab.t2kntuw ox22agtpcb0221vyn il	INT EG ER	#	Obsolete in R5.1:The number of unsuccessful shutdowns of signalling associations.	Sum
pmNoOfUnsuccessContr olledRerouting	eri_sp_mtp3b_term _point_tab.t2kntuco	INT 8	#	Obsolete in R4.1:Total number of unsuccessfully performed controlled	Sum

KPI Name	Expression	Data Type	Units	Description	Aggregation
	x22agtpcb0221vyni l			reroutings.	
pmNoOfUnsuccessForce dRerouting	eri_sp_mtp3b_term _point_tab.t2kntueo x22agtpcb0221vyni l	INT8	#	Total number of unsuccessfully performed forced reroutings.	Sum
pmNoOfUPMsgDiscarde dDueToRoutingErr	eri_sp_mtp3b_term _point_tab.t2kntuao x22agtpcb0221vyni l	INT8	#	Total number of user part messages (MTP_Transfer_Req) discarded due to routing error.	Sum

6.36.4 Signalling_Point.Ericsson.UMTS.SCCP_Accounting

SCCP accounting data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfMsg	eri_sp_sccp_accounting_ta b.t2kntvcox22agtpcb0221v ynil	INT8	#	Total number of messages, both incoming and outgoing.	Sum
pmNoOfOctets	eri_sp_sccp_accounting_ta b.tbkc1e1ox22agtpcb0221v ynil	INT8	Octets	Total number of octets, both incoming and outgoing.	Sum

6.36.5 Signalling_Point.Ericsson.UMTS.SCCP_policing

SCCP policing data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfRejectMsg	eri_sp_sccp_policing_tab.t bkc1ggox22agtpcb0221vy nil	INT8	#	Total number of rejected messages.	Sum

6.36.6 Signalling_Point.Ericsson.UMTS.SCCP_Relay_Signalling_Point

SCCP relay signalling point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation

pmNoOfConInUseExceedHighWaterMark	eri_sccp_rsp_tab.tbkc1ea ox22agtpcb0221vynil	INT8	#	Total number of connections in use that has exceeded the high watermark threshold.	Sum
pmNoOfConInUseReceededLowWaterMark	eri_sccp_rsp_tab.tbkc1ec ox22agtpcb0221vynil	INT8	#	Total number of connections in use that has receded the low watermark threshold.	Sum
pmNoOfCREFRecFromNL	eri_sccp_rsp_tab.tbkc1e3 ox22agtpcb0221vynil	INT8	#	Total number of received Connection Refused (CREF) messages from network layer.	Sum
pmNoOfCREFSentToNL	eri_sccp_rsp_tab.tbkc1e5 ox22agtpcb0221vynil	INT8	#	Total number of CREF messages sent to the network layer.	Sum
pmNoOfCrRec	eri_sccp_rsp_tab.tbkc1ee ox22agtpcb0221vynil	INT8	#	Total number of received Connection Request (CR) messages.	Sum
pmNoOfCrSent	eri_sccp_rsp_tab.tbkc1eg ox22agtpcb0221vynil	INT8	#	Total number of sent CR messages.	Sum
pmNoOfDT1Rec	eri_sccp_rsp_tab.tbkc1ei ox22agtpcb0221vynil	INT8	#	Total number of received	Sum

				Data Form 1 (DT1) messages.	
pmNoOfDT1Sent	eri_sccp_rsp_tab.tbkc1ekox22agtpcb0221vynil	INT8	#	Total number of sent DT1 messages.	Sum
pmNoOfERRRec	eri_sccp_rsp_tab.tbkc1emox22agtpcb0221vynil	INT8	#	Total number of received Protocol Data Unit Error (ERR) messages.	Sum
pmNoOfERRSent	eri_sccp_rsp_tab.tbkc1eoox22agtpcb0221vynil	INT8	#	Total number of sent ERR messages.	Sum
pmNoOfLUDTRec	eri_sccp_rsp_tab.tbkc1eqox22agtpcb0221vynil	INT8	#	Total number of received Long Unitdata (LUDT) messages.	Sum
pmNoOfLUDTSSent	eri_sccp_rsp_tab.tbkc1esox22agtpcb0221vynil	INT8	#	Total number of sent Long Unitdata Service (LUDTS) messages.	Sum
pmNoOfRLSDRecFromNL	eri_sccp_rsp_tab.tbkc1euox22agtpcb0221vynil	INT8	#	Total number of received Released (RLSD) messages from the network layer.	Sum
pmNoOfRLSDSentToNL	eri_sccp_rsp_tab.tbkc1ewox22agtpcb0221vynil	INT8	#	Total number of sent RLSD messages sent to the network layer.	Sum
pmNoOfSubsysAllowedSent	eri_sccp_rsp_tab.tbkc1eyox22agtpcb0221vynil	INT8	#	Total number of sent SubsysAllowe	Sum

				d messages.	
pmNoOfUDTRec	eri_sccp_rsp_tab.tbkc1f1 ox22agtpcb0221vynil	INT8	#	Total number of received Unit Data (UDT) messages..	Sum
pmNoOfUDTSent	eri_sccp_rsp_tab.tbkc1fa ox22agtpcb0221vynil	INT8	#	Total number of sent UDT messages.	Sum
pmNoOfUDTSRec	eri_sccp_rsp_tab.tbkc1f3 ox22agtpcb0221vynil	INT8	#	Total number of received Unit Data Service (UDTS) messages.	Sum
pmNoOfUDTSSent	eri_sccp_rsp_tab.tbkc1f5 ox22agtpcb0221vynil	INT8	#	Total number of sent UDTS messages.	Sum
pmNoOfXUDTRec	eri_sccp_rsp_tab.tbkc1fc ox22agtpcb0221vynil	INT8	#	Total number of received Extended Unit Data (XUDT) messages.	Sum
pmNoOfXUDTSent	eri_sccp_rsp_tab.tbkc1fi ox22agtpcb0221vynil	INT8	#	Total number of sent XUDT messages.	Sum
pmNoOfXUDTSRec	eri_sccp_rsp_tab.tbkc1fe ox22agtpcb0221vynil	INT8	#	Total number of received Extended Unit Data Service (XUDTS) messages.	Sum
pmNoOfXUDTSSent	eri_sccp_rsp_tab.tbkc1fg ox22agtpcb0221vynil	INT8	#	Total number of sent XUDTS messages.	Sum

KPI Name	Expression	Data Type	Units	Description	Aggregation
Tot_pmNoOfERRRec	{pmNoOfERRRec} / {measurement_seconds}	FLOAT	msg/sec	The total number of SCCP Protocol Data Unit Error (ERR) messages received per second	Average, tot, min, max
Tot_pmNoOfERRSent	{pmNoOfERRSent} / {measurement_seconds}	FLOAT	msg/sec	The total number of SCCP Protocol Data Unit Error (ERR) messages sent per second	Average, tot, min, max
Tot_SCCP_Msg_Rcvd	({pmNoOfLUDTRec} + {pmNoOfUDTRec} + {pmNoOfUDTSRec} + {pmNoOfXUDTRec} + {pmNoOfXUDTSRec}) / {measurement_seconds}	FLOAT	msg/sec	The total number of connectionless SCCP messages received per second	Average, tot, min, max
Tot_SCCP_Msg_Sent	({pmNoOfLUDTSSent} + {pmNoOfUDTSent} + {pmNoOfUDTSSent} + {pmNoOfXUDTSent} + {pmNoOfXUDTSSent}) / {measurement_seconds}	FLOAT	msg/sec	The total number of connectionless SCCP messages sent per second	Average, tot, min, max

6.36.7 Signalling_Point.Ericsson.UMTS.SCCP_Routing_CRC

SCCP routing CRC data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfConnectFailure	eri_sp_sccp_rout_crc_tab.tbkc1fsox22agtpcb0221vynil	INT8	#	Total number of connect failures.	Sum

pmNoOfHopCounterViolation	eri_sp_sccp_rout_crc_tab.tbkc1fuox22agtpcb0221vynil	INT 8	#	Total number of Hop counter violations.	Sum
pmNoOfRoutingFailNetworkCongest	eri_sp_sccp_rout_crc_tab.tbkc1fwox22agtpcb0221vynil	INT 8	#	Total number of routing failures due to network congestion.	Sum
pmNoOfRoutingFailNoTransAddrOfSuchNature	eri_sp_sccp_rout_crc_tab.tbkc1fyox22agtpcb0221vynil	INT 8	#	Total number of routing failures due to no translation for Nature of Address field.	Sum
pmNoOfRoutingFailNoTransSpecificAddr	eri_sp_sccp_rout_crc_tab.tbkc1g1ox22agtpcb0221vynil	INT 8	#	Total number of routing failures due to no translation of specific address.	Sum
pmNoOfRoutingFailReasonUnknown	eri_sp_sccp_rout_crc_tab.tbkc1g3ox22agtpcb0221vynil	INT 8	#	Total number of routing failures due to unknown reason.	Sum
pmNoOfRoutingFailSubsysUnavail	eri_sp_sccp_rout_crc_tab.tbkc1g5ox22agtpcb0221vynil	INT 8	#	Total number of routing failures due to	Sum

				destination subsystem unavailable.	
pmNoOfRoutingFailUnequippedSu bsys	eri_sp_sccp_rout_crc_ta b.tbkc1gaox22agtpcb022 1vynil	INT 8	#	Total number of routing failures due to unequipped subsystem.	Sum
pmNoOfRoutingFailurePointCode UnAvail	eri_sp_sccp_rout_crc_ta b.tbkc1geox22agtpcb022 1vynil	INT 8	#	Total number of routing failures due to destination point code not available.	Sum
pmNoOfRoutingFailure	eri_sp_sccp_rout_crc_ta b.tbkc1gcox22agtpcb022 1vynil	INT 8	#	Total number of routing failures.	Sum

6.36.8 Signalling_Point.Ericsson.UMTS.Utilisation

Utilisation data.

KPI Name	Expression	Data Type	Units	Description	Aggregati on
Avg_MSU_Rcvd_Rate	{pmNoOfMSURec}/ {measurement_seconds}	FLOA T	MSU/ sec	Received MSUs per second	Average, tot, min, max
Avg_MSU_Sent_Rate	{pmNoOfMSUSent}/ {measurement_seconds}	FLOA T	MSU/ sec	Transmitted MSUs per second	Average, tot, min, max
pmNoOfAALINServiceIn d	eri_sp_utilisation_tab.tbkc 1giox22agtpcb0221vynil	INT8	#	Number of received link in-service indications.	Sum
pmNoOfAALOUTInd	eri_sp_utilisation_tab.tbkc	INT8	#	Number of	Sum

	1gkox22agtpcb0221vynil			received link out-of-service indications.	
pmNoOfCBDSent	eri_sp_utilisation_tab.tbkc1gmox22agtpcb0221vynil	INT8	#	Number of sent Change Back Declaration (CBD) messages.	Sum
pmNoOfCOOXCOSent	eri_sp_utilisation_tab.tbkc1goox22agtpcb0221vynil	INT8	#	Number of sent Change Over Order (COO) or extended Change Over Order (XCO) messages.	Sum
pmNoOfLocalLinkCongestCeaseRec	eri_sp_utilisation_tab.thmckdcox22agtpcb0221vynil	INT8	#	Number of local link congestion ceased primitives received.	Sum
pmNoOfLocalLinkCongestRec	eri_sp_utilisation_tab.thmckdeox22agtpcb0221vynil	INT8	#	Number of local link congestion primitives received.	Sum
pmNoOfMSURec	eri_sp_utilisation_tab.thmckdgox22agtpcb0221vynil	INT8	#	Number of received Message Signal Units (MSUs) on this signalling link.	Sum
pmNoOfMSUSent	eri_sp_utilisation_tab.thmckdiox22agtpcb0221vynil	INT8	#	Number of sent MSUs from this signalling link.	Sum
pmNoOfRecUserData	eri_sp_utilisation_tab.rtjvlaeyrs2ahuovr02ofb3l3m	INT8	KB	Amount of data received.	Sum
pmNoOfSentUserData	eri_sp_utilisation_tab.rtjvl	INT8	KB	Amount of data	Sum

	agyrs2ahuovr02ofb3l3m			sent.	

6.37 Sigtran Performance Indicators

- Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_IP
- Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_M3UA
- Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_MTP3
- Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol

6.37.1 Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_IP

Stream control transmission protocol IP data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_Rcvd_Datagram_Discard	100 * {pmIpInDiscards}/ {pmIpInReceives}	FLOAT	%	The ratio of discarded, received IP datagrams	Average, ermgwmsbh
_%_Rvcd_IP_Packet_Err	100 * {pmIpInAddrErrors} + {pmIpInHdrErrors} + {pmIpInUnknownProtos}/ {pmIpInReceives}	FLOAT	%	The ratio of errored, received IP packets	Average, ermgwmsbh
_%_Sent_Datagram_Discard	100 * {pmIpOutDiscards}/ {pmIpOutRequests}	FLOAT	%	The ratio of discarded, sent IP datagrams	Average, ermgwmsbh
pmIcmpInDestUnreachs	eri_sctp_ip_tab.thmckf3ox22agtpcb0221vynil	INT8	#	Total number of ICMP Destination Unreachable messages received.	Sum, ermgwmsbh
pmIcmpInEchoReps	eri_sctp_ip_tab.thmckf5ox22agtpcb0221vynil	INT8	#	Total number of ICMP Echo Reply messages received.	Sum, ermgwmsbh
pmIcmpInEchos	eri_sctp_ip_tab.thmckfaox22agtpcb0221vynil	INT8	#	Total number of ICMP Echo (request) messages received.	Sum, ermgwmsbh
pmIcmpInErrors	eri_sctp_ip_tab.thmckfcox	INT8	#	Total number of	Sum,

	22agtpcb0221vynil			ICMP messages which the entity received but determined as having ICMP-specific errors.	ermgwms bh
pmIcmpInMsgs	eri_sctp_ip_tab.thmckfeox 22agtpcb0221vynil	INT8	#	Total number of ICMP messages which the entity received.	Sum, ermgwms bh
pmIcmpInParamProb s	eri_sctp_ip_tab.thmckfgox 22agtpcb0221vynil	INT8	#	Total number of ICMP Parameter Problem messages received.	Sum, ermgwms bh
pmIcmpInRedirects	eri_sctp_ip_tab.thmckfiox 22agtpcb0221vynil	INT8	#	Total number of ICMP Redirect messages received.	Sum, ermgwms bh
pmIcmpInSrcQuench s	eri_sctp_ip_tab.thmckfkox 22agtpcb0221vynil	INT8	#	Total number of ICMP Source Quench messages received.	Sum, ermgwms bh
pmIcmpInTimeExcds	eri_sctp_ip_tab.thmckfmo x22agtpcb0221vynil	INT8	#	Total number of ICMP Time Exceeded messages received.	Sum, ermgwms bh
pmIcmpOutDestUnre achs	eri_sctp_ip_tab.thmckfoox 22agtpcb0221vynil	INT8	#	Total number of ICMP Destination Unreachable messages sent.	Sum, ermgwms bh
pmIcmpOutEchoReps	eri_sctp_ip_tab.thmckfqox 22agtpcb0221vynil	INT8	#	Total number of ICMP Echo Reply messages sent.	Sum, ermgwms bh
pmIcmpOutEchos	eri_sctp_ip_tab.thmckfsox 22agtpcb0221vynil	INT8	#	Total number of ICMP Echo	Sum, ermgwms

				(request) messages sent.	bh
pmIcmpOutErrors	eri_sctp_ip_tab.thmckfuox22agtpcb0221vynil	INT8	#	Total number of ICMP messages which this entity did not send due to problems discovered within ICMP such as a lack of buffers.	Sum, ermgwmsbh
pmIcmpOutMsgs	eri_sctp_ip_tab.thmckfwox22agtpcb0221vynil	INT8	#	Total number of ICMP messages which this entity attempted to send.	Sum, ermgwmsbh
pmIcmpOutParamProbs	eri_sctp_ip_tab.tnnggrcox22agtpcb0221vynil	INT8	#	Total number of ICMP Parameter Problem messages sent.	Sum, ermgwmsbh
pmIpFragCreates	eri_sctp_ip_tab.tnnggreox22agtpcb0221vynil	INT8	#	Total number of IP datagram fragments that have been generated as a result of fragmentation at this entity.	Sum, ermgwmsbh
pmIpFragFails	eri_sctp_ip_tab.tnnggrgox22agtpcb0221vynil	INT8	#	Total number of IP datagrams that have been discarded because they needed to be fragmented at this entity but could not be.	Sum, ermgwmsbh
pmIpFragOKs	eri_sctp_ip_tab.tnnggriox22agtpcb0221vynil	INT8	#	Total number of IP datagrams that have been successfully fragmented at this entity.	Sum, ermgwmsbh
pmIpInAddrErrors	eri_sctp_ip_tab.tnnggrkox	INT8	#	Total number of	Sum,

	22agtpcb0221vynil			input datagrams discarded because the IP address in their IP headers destination field was not a valid address to be received at this entity.	ermgwms bh
pmIpInDelivers	eri_sctp_ip_tab.tnnggrmox 22agtpcb0221vynil	INT8	#	Total number of input datagrams successfully delivered to IP user-protocols (including ICMP).	Sum, ermgwms bh
pmIpInDiscards	eri_sctp_ip_tab.tnnggroox 22agtpcb0221vynil	INT8	#	Total number of input IP datagrams for which no problems were encountered to prevent their continued processing, but which were discarded.	Sum, ermgwms bh
pmIpInHdrErrors	eri_sctp_ip_tab.tnnggrqox 22agtpcb0221vynil	INT8	#	Total number of input datagrams discarded due to errors in their IP headers.	Sum, ermgwms bh
pmIpInReceives	eri_sctp_ip_tab.tnnggrsox2 2agtpcb0221vynil	INT8	#	Total number of input datagrams received from interfaces.	Sum, ermgwms bh
pmIpInUnknownProt os	eri_sctp_ip_tab.tnnggruox 22agtpcb0221vynil	INT8	#	Total number of locally-addressed datagrams received	Sum, ermgwms bh

				successfully but discarded because of an unknown or unsupported protocol.	
pmIpOutDiscards	eri_sctp_ip_tab.tnnggrwox22agtpcb0221vynil	INT8	#	Total number of output IP datagrams for which no problem was encountered to prevent their transmission to their destination, but which were discarded (for example, for lack of buffer space).	Sum, ermgwms bh
pmIpOutRequests	eri_sctp_ip_tab.tnnggryox22agtpcb0221vynil	INT8	#	Total number of IP datagrams which local IP userprotocols (including ICMP) supplied to IP in requests for transmission.	Sum, ermgwms bh
pmIpReasmFails	eri_sctp_ip_tab.tnnggs1ox22agtpcb0221vynil	INT8	#	Total number of failures detected by the IP re-assembly algorithm (for whatever reason: timed out, errors, etc).	Sum, ermgwms bh
pmIpReasmOKs	eri_sctp_ip_tab.tnnggs3ox22agtpcb0221vynil	INT8	#	Total number of IP datagrams successfully re-assembled.	Sum, ermgwms bh
pmIpReasmReqds	eri_sctp_ip_tab.tnnggs5ox22agtpcb0221vynil	INT8	#	Total number of IP fragments received which needed to be reassembled at this entity.	Sum, ermgwms bh

pmNoOfIfInBroadcastPkts	eri_sctp_ip_tab.tnnggsaox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of input broadcast packets delivered to higher layer.	Sum, ermgwmsbh
pmNoOfIfInDiscards	eri_sctp_ip_tab.tnnggscox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of input packets discarded due to resource limitations.	Sum, ermgwmsbh
pmNoOfIfInErrors	eri_sctp_ip_tab.tnnggseox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of input packets discarded due to any error.	Sum, ermgwmsbh
pmNoOfIfInMulticastPkts	eri_sctp_ip_tab.tnnggsgox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of input broadcast packets delivered to higher layer.	Sum, ermgwmsbh
pmNoOfIfInUcastPkts	eri_sctp_ip_tab.tnnggsiox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of input unicast packets delivered to higher layer.	Sum, ermgwmsbh
pmNoOfIfOutBroadcastPkts	eri_sctp_ip_tab.tnnggskox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of output broadcast packets delivered to higher layer.	Sum, ermgwmsbh
pmNoOfIfOutMulticastPkts	eri_sctp_ip_tab.tnnggsmox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of output broadcast packets delivered to higher	Sum, ermgwmsbh

				layer.	
pmNoOfIfOutUcastP kts	eri_sctp_ip_tab.tnnggsoox 22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of output unicast packets delivered to higher layer.	Sum, ermgwms bh
pmUdpInDatagrams	eri_sctp_ip_tab.tnnggsqox 22agtpcb0221vynil	INTEG ER	#	The total number of User Datagram Protocol (UDP) datagrams delivered to UDP users.	Sum, ermgwms bh
pmUdpInErrors	eri_sctp_ip_tab.tnnggssox2 2agtpcb0221vynil	INTEG ER	#	The number of received User Datagram Protocol (UDP) datagrams that could not be delivered for reasons other than the lack of an application at the destination port.	Sum, ermgwms bh
pmUdpNoPorts	eri_sctp_ip_tab.tnnggsuox 22agtpcb0221vynil	INTEG ER	#	The total number of received User Datagram Protocol (UDP) datagrams, for which there was no application at the destination port.	Sum, ermgwms bh
pmUdpOutDatagrams	eri_sctp_ip_tab.tnnggswox 22agtpcb0221vynil	INTEG ER	#	The total number of User Datagram Protocol (UDP) datagrams sent from this entity.	Sum, ermgwms bh
Tot_Sent_IP_Datagra m	{pmIpOutRequests} - {pmIpOutDiscards}	INTEG ER	#	The total number of sent IP datagrams	Sum, ermgwms bh

6.37.2 Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_M3UA

Stream control transmission protocol M3UA data.

KPI Name	Expression	Data Type	Units	Description	Aggregation

Avg_Payload_Msg_Rvcd	{pmNoOfDataMsgRec} / {measurement_seconds}	FLOAT	msg/sec	The number of payload data messages received per second	Average, ermgwmsbh, tot, min, max
Avg_Payload_Msg_Sent	{pmNoOfDataMsgSent} / {measurement_seconds}	FLOAT	msg/sec	The number of payload data messages sent per second	Average, ermgwmsbh, tot, min, max
pmNoOfAspacAckReceived	eri_sctp_m3ua_tab.tnnggtaox22agtpcb0221vynil	INT8	#	Total number of Application Server Process Active (ASPAC) ACK messages received through the association.	Sum, ermgwmsbh
pmNoOfAspacAckSent	eri_sctp_m3ua_tab.tnnggtcox22agtpcb0221vynil	INT8	#	Total number of ASPAC ACK messages sent through the association.	Sum, ermgwmsbh
pmNoOfAspacReceived	eri_sctp_m3ua_tab.tnnggteox22agtpcb0221vynil	INT8	#	Total number of ASPAC messages received through the association.	Sum, ermgwmsbh
pmNoOfAspacSent	eri_sctp_m3ua_tab.tnnggtgox22agtpcb0221vynil	INT8	#	Total number of ASPAC messages sent through the association.	Sum, ermgwmsbh
pmNoOfAspdnAckReceived	eri_sctp_m3ua_tab.tnnggtiox22agtpcb0221vynil	INT8	#	Total number of Application Server Process Down (ASPDN) ACK messages received through the association.	Sum, ermgwmsbh
pmNoOfAspdnAckSent	eri_sctp_m3ua_tab.tnnggtkox22agtpcb0221vynil	INT8	#	Total number of ASPDN ACK messages sent through the association.	Sum, ermgwmsbh

pmNoOfAspdnReceived	eri_sctp_m3ua_tab.tnnggtmox22agtpcb0221vynil	INT8	#	Total number of ASPDN messages received through the association.	Sum, ermgwmsbh
pmNoOfAspdnSent	eri_sctp_m3ua_tab.tnnggtoox22agtpcb0221vynil	INT8	#	Total number of ASPDN messages sent through the association.	Sum, ermgwmsbh
pmNoOfAspiaAckReceived	eri_sctp_m3ua_tab.tnnggtqox22agtpcb0221vynil	INT8	#	Total number of Application Server Process Inactive (ASPIA) ACK messages received through the association.	Sum, ermgwmsbh
pmNoOfAspiaAckSent	eri_sctp_m3ua_tab.tnnggtsox22agtpcb0221vynil	INT8	#	Total number of ASPIA ACK messages sent through the association.	Sum, ermgwmsbh
pmNoOfAspiaReceived	eri_sctp_m3ua_tab.tnnggtuox22agtpcb0221vynil	INT8	#	Total number of ASPIA messages received through the association.	Sum, ermgwmsbh
pmNoOfAspiaSent	eri_sctp_m3ua_tab.tnnggtwox22agtpcb0221vynil	INT8	#	Total number of ASPIA messages sent through the association.	Sum, ermgwmsbh
pmNoOfAspupAckReceived	eri_sctp_m3ua_tab.tnnggtyox22agtpcb0221vynil	INT8	#	Total number of Application Server Process Up (ASPUP) ACK messages received through the association.	Sum, ermgwmsbh
pmNoOfAspupAckSent	eri_sctp_m3ua_tab.tnnggu1ox22agtpcb0221vynil	INT8	#	Total number of ASPUP ACK	Sum, ermgwms

				messages sent through the association.	bh
pmNoOfAspupReceived	eri_sctp_m3ua_tab.tnnggu3ox22agtpcb0221vynil	INT8	#	Total number of ASPUP messages received through the association.	Sum, ermgwms bh
pmNoOfAspupSent	eri_sctp_m3ua_tab.tnnggu5ox22agtpcb0221vynil	INT8	#	Total number of ASPUP messages sent through the association.	Sum, ermgwms bh
pmNoOfCommunicationLost	eri_sctp_m3ua_tab.ttne5icox22agtpcb0221vynil	INT8	#	Total number of communication losses.	Sum, ermgwms bh
pmNoOfCongestions	eri_sctp_m3ua_tab.ttne5ieox22agtpcb0221vynil	INT8	#	Total number of congestions.	Sum, ermgwms bh
pmNoOfDataMsgRec	eri_sctp_m3ua_tab.ttne5igox22agtpcb0221vynil	INT8	#	Total number of DATA (payload data) messages received through the association.	Sum, ermgwms bh
pmNoOfDataMsgSent	eri_sctp_m3ua_tab.ttne5iiox22agtpcb0221vynil	INT8	#	Number of DATA messages sent on the associations related to this signalling point.	Sum, ermgwms bh
pmNoOfDaudMsgSent	eri_sctp_m3ua_tab.ttne5ikox22agtpcb0221vynil	INT8	#	Total number of Destination State Audit (DAUD)messages sent on the associations related to this signalling point.	Sum, ermgwms bh
pmNoOfDaudReceived	eri_sctp_m3ua_tab.ttne5imox22agtpcb0221vynil	INT8	#	Total number of DAUD messages received through the association.	Sum, ermgwms bh

pmNoOfDavaRec	eri_sctp_m3ua_tab.ttne5io ox22agtpcb0221vynil	INT8	#	Total number of Destination Available (DAVA) messages received through the association.	Sum, ermgwms bh
pmNoOfDavaSent	eri_sctp_m3ua_tab.ttne5iq ox22agtpcb0221vynil	INT8	#	Total number of DAVA messages sent through the association.	Sum, ermgwms bh
pmNoOfDunaRec	eri_sctp_m3ua_tab.ttne5is ox22agtpcb0221vynil	INT8	#	Total number of Destination Unavailable (DUNA) messages received through the association.	Sum, ermgwms bh
pmNoOfDunaSent	eri_sctp_m3ua_tab.ttne5iu ox22agtpcb0221vynil	INT8	#	Total number of DUNA messages sent through the association.	Sum, ermgwms bh
pmNoOfDupuRec	eri_sctp_m3ua_tab.ttne5i wox22agtpcb0221vynil	INT8	#	Total number of Destination User Part Unavailable (DUPU) messages received through the association.	Sum, ermgwms bh
pmNoOfDupuSent	eri_sctp_m3ua_tab.ttne5iy ox22agtpcb0221vynil	INT8	#	Total number of DUPU messages sent through the association.	Sum, ermgwms bh
pmNoOfErrorMsgRec	eri_sctp_m3ua_tab.ttne5j1 ox22agtpcb0221vynil	INT8	#	Number of ERROR messages received through	Sum, ermgwms bh

KPI Name	Expression	Data Type	Units	Description	Aggregation
				the association.	
pmNoOfErrorMsgSent	eri_sctp_m3ua_tab.ttne5j3ox22agtpcb0221vynil	INT8	#	Total number of ERROR messages sent through the association.	Sum, ermgwmsbh
pmNoOfM3uaDataMsgDiscarded	eri_sctp_m3ua_tab.ttne5j5ox22agtpcb0221vynil	INT8	#	Total number of discarded M3UA data messages.	Sum, ermgwmsbh
pmNoOfNotifyMsgRec	eri_sctp_m3ua_tab.ttne5jaox22agtpcb0221vynil	INT8	#	Number of NOTIFY messages received through the association.	Sum, ermgwmsbh
pmNoOfRecUserData	eri_sctp_m3ua_tab.rtjvlaiyrs2ahuovr02ofb3l3m	INT8	KB	Amount of data received.	Sum, ermgwmsbh
pmNoOfSconRec	eri_sctp_m3ua_tab.ttne5jcox22agtpcb0221vynil	INT8	#	Total number of Signalling Congestion (SCON) messages received through the association.	Sum, ermgwmsbh
pmNoOfSconSent	eri_sctp_m3ua_tab.ttne5jeox22agtpcb0221vynil	INT8	#	Total number of SCON messages sent through the association.	Sum, ermgwmsbh
pmNoOfSentUserData	eri_sctp_m3ua_tab.rtjvlakyrs2ahuovr02ofb3l3m	INT8	KB	Amount of data sent.	Sum, ermgwmsbh

6.37.3 Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol_MTP3

Stream control transmission protocol MTP3 data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNoOfSctpAssociationRestart	eri_msctp_mtp3_tab.ttne5jkox22agtpcb0221vynil	INT8	#	Total number of SCTP association restarts.	Sum, ermgwmsbh

pmNoOfSctpBufOverflo w	eri_msctp_mtp3_tab.ttne5 jmox22agtpcb0221vynil	INT8	#	Total number of SCTP stop sending data.	Sum, ermgwms bh
pmNoOfSctpCommunica tionErr	eri_msctp_mtp3_tab.ttne5 joox22agtpcb0221vynil	INT8	#	Total number of SCTP communication error.	Sum, ermgwms bh
pmNoOfSctpNetworkStat usChange	eri_msctp_mtp3_tab.ttne5 jqox22agtpcb0221vynil	INT8	#	Total number of SCTP network status changes.	Sum, ermgwms bh
pmNoOfSctpResumeSen ding	eri_msctp_mtp3_tab.ttne5 jsox22agtpcb0221vynil	INT8	#	Total number of SCTP resume sending data.	Sum, ermgwms bh
pmNoOfSctpSendFailure	eri_msctp_mtp3_tab.ttne5 juox22agtpcb0221vynil	INT8	#	Total number of SCTP send failure.	Sum, ermgwms bh
pmNoOfSuccessAssocEst ablish	eri_msctp_mtp3_tab.ttne5 jwox22agtpcb0221vynil	INT8	#	Total number of successful association establishments.	Sum, ermgwms bh
pmNoOfUnsuccessAssoc Establish	eri_msctp_mtp3_tab.ttne5 jyox22agtpcb0221vynil	INT8	#	Total number of unsuccessful association establishments.	Sum, ermgwms bh

6.37.4 Sigtran.Ericsson.UMTS.Stream_Control_Transmission_Protocol

Stream control transmission protocol data.

KPI Name	Expression	Data Type	Units	Description	Aggregat ion
pmSctpAborted	eri_sctp_tab.thmckdoox22 agtpcb0221vynil	INT8	#	Total number of times that SCTP associations have made a direct transition	Sum, ermgwms bh

				to the CLOSED state from any state using the primitive ABORT.	
pmSctpActiveEstab	eri_sctp_tab.thmckdqox22agtpcb0221vynil	INT8	#	Total number of times that SCTP associations have made a direct transition to the ESTABLISHED state from the COOKIE-ECHOED state.	Sum, ermgwmsbh
pmSctpCurrEstab	eri_sctp_tab.thmckdsox22agtpcb0221vynil	INT8	#	Current number of SCTP associations for which the current state is either ESTABLISHED, SHUTDOWN-PENDING, or SHUTDOWN-RECEIVED.	Average, ermgwmsbh, tot, min, max
pmSctpPassiveEstab	eri_sctp_tab.thmckduox22agtpcb0221vynil	INT8	#	Total number of times that SCTP associations have made a direct transition to the ESTABLISHED state from the CLOSED state.	Sum, ermgwmsbh
pmSctpShutdowns	eri_sctp_tab.thmckdwox22agtpcb0221vynil	INT8	#	The total number of times that SCTP associations have made a direct transition to the CLOSED state from either	Sum, ermgwmsbh

				the SHUTDOWN-SENT state or the SHUTDOWN-ACK-SENT state.	
pmSctpStatAssocOutOfBlue	eri_sctp_tab.thmckdyox22agtpcb0221vynil	INT8	#	Total number of out of the blue packets (SCTP packet correctly formed-right checksum- but the receiver is not able to identify the association to which this packet belongs) received by the host.	Sum, ermgwmsbh
pmSctpStatChecksumErrorCounter	eri_sctp_tab.thmcke1ox22agtpcb0221vynil	INT8	#	Total number of SCTP packets received from the peers with an invalid checksum.	Sum, ermgwmsbh
pmSctpStatCommResume	eri_sctp_tab.thmcke3ox22agtpcb0221vynil	INT8	#	Total number of times SCTP has sent a communication resume indication to the user.	Sum, ermgwmsbh
pmSctpStatCommStop	eri_sctp_tab.thmcke5ox22agtpcb0221vynil	INT8	#	Total number of times SCTP has sent a communication	Sum, ermgwmsbh

				stop indication to the user.	
pmSctpStatFragmentedUserMsg	eri_sctp_tab.thmckeaox22 agtpcb0221vynil	INT8	#	Total number of fragmented user messages.	Sum, ermgwms bh
pmSctpStatOutOfOrderRecChunks	eri_sctp_tab.thmckecox22 agtpcb0221vynil	INT8	#	Total number of unordered chunks received from the peers.	Sum, ermgwms bh
pmSctpStatOutOfOrderSendChunks	eri_sctp_tab.thmckeeox22 agtpcb0221vynil	INT8	#	Total number of unordered chunks sent to the peers.	Sum, ermgwms bh
pmSctpStatReassembledUserMsg	eri_sctp_tab.thmckegox22 agtpcb0221vynil	INT8	#	Total number of reassembled user messages.	Sum, ermgwms bh
pmSctpStatRecChunksDropped	eri_sctp_tab.thmckekox22 agtpcb0221vynil	INT8	#	Total number of sent chunks that SCTP has been forced to drop due to buffer overflow in the receiving buffer.	Sum, ermgwms bh
pmSctpStatRecChunks	eri_sctp_tab.thmckeiox22 agtpcb0221vynil	INT8	#	Total number of complete data chunks received from the peers (no retransmissions included).	Sum, ermgwms bh
pmSctpStatReceivedControlChunks	eri_sctp_tab.thmckemox2 2agtpcb0221vynil	INT8	#	Total number of datagrams received with chunk type id greater than 0.	Sum, ermgwms bh
pmSctpStatReceivedPackages	eri_sctp_tab.thmckeoox22 agtpcb0221vynil	INT8	#	Total number of SCTP packages received.	Sum, ermgwms bh
pmSctpStatRetransChunks	eri_sctp_tab.thmckeqox22 agtpcb0221vynil	INT8	#	Total number of data chunks	Sum, ermgwms

				retransmitted to the peers.	bh
pmSctpStatSentChunksDropped	eri_sctp_tab.thmckeuox22agtpcb0221vynil	INT8	#	Total number of sent chunks that SCTP has been forced to drop due to buffer overflow in the sending buffer.	Sum, ermgwmsbh
pmSctpStatSentChunks	eri_sctp_tab.thmckesox22agtpcb0221vynil	INT8	#	Total number of complete data chunks sent to the peers (no retransmissions included).	Sum, ermgwmsbh
pmSctpStatSentControlChunks	eri_sctp_tab.thmckewox22agtpcb0221vynil	INT8	#	Total number of datagrams sent with chunk type id greater than 0.	Sum, ermgwmsbh
pmSctpStatSentPackages	eri_sctp_tab.thmckeyox22agtpcb0221vynil	INT8	#	Total number of SCTP packages sent.	Sum, ermgwmsbh
Tot_SCTP_Data_Chunks_Sent	{pmSctpStatSentChunks} + {pmSctpStatRetransChunks}	INTEGER	#	The total number of sent SCTP data chunks	Sum, ermgwmsbh

6.38 STS1 Performance Indicators

- STS1.Ericsson.UMTS.STS1_Terminating_Point

6.38.1 STS1.Ericsson.UMTS.STS1_Terminating_Point

STS1 Terminating point data.

KPI Name	Expression	Data	Units	Description	Aggregati

		Type			on
pmEsp	eri_sts1_term_point_tab.sv kq34kox22agtpcb0221vyni l	INT8	Second	Total number of Errored Seconds.	Sum, ermgwms bh
pmSesp	eri_sts1_term_point_tab.sv kq34mox22agtpcb0221vyn il	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwms bh
pmUasp	eri_sts1_term_point_tab.sv kq34oox22agtpcb0221vyni l	INTEG ER	Second	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected.	Sum, ermgwms bh

6.39 STS3 Performance Indicators

- STS3.Ericsson.UMTS.STS3_Terminating_Point

6.39.1 STS3.Ericsson.UMTS.STS3_Terminating_Point

STS 3 Terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregati on
pmEsp	eri_sts3_term_point_tab.sv kq34qox22agtpcb0221vyni l	INT8	Second	Total number of Errored Seconds.	Sum, ermgwms bh
pmSesp	eri_sts3_term_point_tab.sv kq34sox22agtpcb0221vyni l	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwms bh
pmUasp	eri_sts3_term_point_tab.sv	INTEG	Second	Transmission	Sum,

kq34uox22agtpcb0221vyni1	ER			Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected.	ermgwmsbh

6.40 Synchronization Performance Indicators

- Synchronization.Ericsson.UMTS.Synchronization_Delay

6.40.1 Synchronization.Ericsson.UMTS.Synchronization_Delay

Network synchronization delay

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmHDelayVarBest10Pct	eri_sync_delay_tab.xnqwa3sylp2ahuovr02ofb3l3m	INTEGER	microsecond	This counter shows the Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 10% synchronization frames (with the lowest delay) experienced by the active IP synchronization	Average, tot, min, max

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				reference during the PM interval.	
pmHDelayVarBest1Pct	eri_sync_delay_tab.xnqwa3uylp2ahuovr02ofb3l3m	INTEGER	microsecond	This counter shows the Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 1% synchronization frames (with the lowest delay) experienced by the active IP synchronization reference during the PM interval.	Average, tot, min, max
pmHDelayVarBest50Pct	eri_sync_delay_tab.xnqwa3wylp2ahuovr02ofb3l3m	INTEGER	microsecond	This counter shows the Highest Delay Variation (see ITU-T Y.1540 for definition of the delay variation) of the best 50% synchronization frames (with the lowest delay) experienced by the active IP synchronization reference during the PM interval.	Average, tot, min, max
pmMaxDelayVariation	eri_sync_delay_tab.xnqwa3yylp2ahuovr02ofb3l3m	INTEGER	microsecond	DEPRECATED: This attribute will be removed in later releases. Use pmHDelayVarBest1Pct, pmHDelayVarBest10Pct and pmHDelayVarBest50Pct. This counter shows the Maximum Delay	Average, tot, min, max

				Variation (see ITU-T Y.1540 for definition of the delay variation) experienced by the active IP synchronization reference during the PM interval.	

6.41 T1 Performance Indicators

- T1.Ericsson.UMTS.T1_Terminating_Point

6.41.1 T1.Ericsson.UMTS.T1_Terminating_Point

T1 terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmEs	eri_t1_tem_point_tab.ttne5k1ox22agtpcb0221vynil	INT8	Second	Total number of Errored Seconds.	Sum, ermgwmsbh
pmSes	eri_t1_tem_point_tab.ttne5k3ox22agtpcb0221vynil	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwmsbh
pmUas	eri_t1_tem_point_tab.ttne5k5ox22agtpcb0221vynil	INTEGER	Second	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the	Sum, ermgwmsbh

				unavailable time) and ends when 10 consecutive non-SES are detected.	

6.42 TdmTermGrp Performance Indicators

- TdmTermGrp.Ericsson.UMTS.Utilisation

6.42.1 TdmTermGrp.Ericsson.UMTS.Utilisation

Utilisation data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_pmNrOfTdmTermsReq	100 * ({pmNrOfTdmTermsReq} - {pmNrOfTdmTermsRej})/ {pmNrOfTdmTermsReq}	FLOAT	%	Seizure success rate of TDM Terminations in the termination group.	Average, ermgwmsbh
_%_TDM_Term_Reserve_Succ	(1 - ({pmNrOfTdmTermsRej} / {pmNrOfTdmTermsReq})) * 100	FLOAT	%	The TDM termination reservation success rate.	Average, ermgwmsbh, tot, min, max
_%_TDM_Utilization	100 * {pmNrOfTdmTermsBusy} /31	FLOAT	%	Obsolete in R5.1:TDM Group utilization rate	Average, ermgwmsbh
_%_TdmGrp_Util_Timeslot_24	100 * {pmNrOfTdmTermsBusy} /24	FLOAT	%	TDM Group utilization rate for max number of TDM slots = 24, e.g. ANSI standard	Average
_%_TdmGrp_Util_Timeslot_31	100 * {pmNrOfTdmTermsBusy} /31	FLOAT	%	TDM Group utilization rate for max number of TDM slots = 31, e.g. ETSI standard	Average
pmNoOfTdmTermsRej	eri_tdmtgrp_utilisation_tab	INT8	#	The total number	Sum

OverlProt	.xnqwabcylp2ahuovr02ofb3l3m			of Time Division Multiplexing (TDM) calls rejected due to overload protection in the TDM termination group.	
pmNrOfTdmTermsBusy	eri_tdmtgrp_utilisation_tab.ttne5kaox22agtpcb0221vynil	INT8	#	Current number of TDM Terminations seized in the termination group.	Average, ermgwmsbh, tot, min, max
pmNrOfTdmTermsRej	eri_tdmtgrp_utilisation_tab.ttne5kcox22agtpcb0221vynil	INT8	#	Total number of TDM Requests Rejected in TDM Termination Group.	Sum, ermgwmsbh
pmNrOfTdmTermsReq	eri_tdmtgrp_utilisation_tab.ttne5keox22agtpcb0221vynil	INT8	#	Total Number of TDM Seizure Requests in TDM Termination Group.	Sum, ermgwmsbh

6.43 Unknown_RemoteSite Performance Indicators

- Unknown_RemoteSite.Ericsson.UMTS.Connection_Quality

6.43.1 Unknown_RemoteSite.Ericsson.UMTS.Connection_Quality

Unknown remote site connection quality

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_DSCP_Received_Pac	100 * {pmRtpReceivedDscpCong	FLOAT	%	The received DSCP remarked	Average

ket	Packets}/ {pmRtpReceivedPktsHi}			packet rate (introduced in R5.1)	
_%_ECN_Received_Pack et2	100 * {pmIpReceivedEcnPkts}/ {pmRtpReceivedPktsHi}	FLOAT	%	The received ECN packet rate	Average
_%_RTP_Discard2	100 * {pmRtpDiscardedPkts}/ {pmRtpReceivedPktsHi}	FLOAT	%	The RTP packet discard rate	Average
_%_RTP_Loss2	100 * {pmRtpLostPkts}/ ({pmRtpLostPkts} + {pmRtpReceivedPktsHi})	FLOAT	%	The RTP packet loss rate	Average
pmCallsWithRtpPacketL oss0	eri_mgw_unrem_conqos_ta b.xnqwa4iylp2ahuovr02ofb 3l3m	INTEG ER	#	The total number of connections where no packet loss on Real-time Transport Protocol (RTP) layer has been detected, that is, packet loss ratio is zero.	Sum
pmCallsWithRtpPacketL oss1	eri_mgw_unrem_conqos_ta b.xnqwa4kylp2ahuovr02ofb 3l3m	INTEG ER	#	The total number of connections where the packet loss ratio (R) on the RTP layer has been 0 < R < 0.0001.	Sum
pmCallsWithRtpPacketL oss2	eri_mgw_unrem_conqos_ta b.xnqwa4mylp2ahuovr02of b3l3m	INTEG ER	#	The total number of connections where the packet loss ratio (R) on the RTP layer has been 0.0001 <= R < 0.001.	Sum
pmCallsWithRtpPacketL	eri_mgw_unrem_conqos_ta	INTEG	#	The total	Sum

oss3	b.xnqwa4oylp2ahuovr02ofb3l3m	ER		number of connections where the packet loss ratio (R) on the RTP layer has been 0.001 <= R < 0.005.	
pmCallsWithRtpPacketLoss4	eri_mgw_unrem_conqos_tab.xnqwa4qylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections where the packet loss ratio (R) on the RTP layer has been 0.005 <= R < 0.01.	Sum
pmCallsWithRtpPacketLoss5	eri_mgw_unrem_conqos_tab.xnqwa4sylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections where the packet loss ratio (R) on the RTP layer has been 0.01 <= R < 0.03.	Sum
pmCallsWithRtpPacketLoss6	eri_mgw_unrem_conqos_tab.xnqwa4uylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections where the packet loss ratio (R) on the RTP layer has been R => 0.03	Sum
pmConnLatePktsRatio0	eri_mgw_unrem_conqos_tab.xnqwa4wylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections when jitter	Sum

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					compensation is used and no packet has missed its processing time, that is, no packet has delayed more than the configured jitter protection time.	
pmConnLatePktsRatio1	eri_mgw_unrem_conqos_tab.xnqwa4yylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is $0 < R \le 0.0001$. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total	Sum

				delay will increase with one cell interarrival time.	
pmConnLatePktsRatio2	eri_mgw_unrem_conqos_tab.xnqwa51ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.0001 < R <= 0.001. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will	Sum

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				increase with one cell interarrival time.	
pmConnLatePktsRatio3	eri_mgw_unrem_conqos_tab.xnqwa53ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.001 < R <= 0.005. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase with one cell interarrival time.	Sum
pmConnLatePktsRatio4	eri_mgw_unrem_conqos_tab.xnqwa55ylp2ahuovr02ofb	INTEGER	#	The total number of	Sum

	3l3m				connections when jitter compensation is used and the ratio (R) of late packets to total number of packets through jitter compensation buffer is 0.005 < R <= 0.01. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase with one cell interarrival time.	
pmConnLatePktsRatio5	eri_mgw_unrem_conqos_tab.xnqwa5aylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections	Sum

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				when jitter compensation is used and the ratio (R) of late packets to total number of packets through the jitter compensation buffer is 0.01 < R <= 0.03. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase with one cell interarrival time.	
pmConnLatePktsRatio6	eri_mgw_unrem_conqos_tab.xnqwa5cylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections when jitter compensation is used and the ratio (R) of late packets to total number of	Sum

				packets through the jitter compensation buffer is R > 0.03. Late packet means that it has missed its processing time, that is, it is delayed more than the configured jitter protection time. In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase with one cell interarrival time.	
pmConnMeasuredJitter0	eri_mgw_unrem_conqos_tab.xnqwa5eylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 0 ms <= J <= 0.5 ms. Jitter is measured only for connections where jitter	Sum

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				compensation has been performed. Silence Descriptor (SID) frames are not includedin the measurement.	
pmConnMeasuredJitter1	eri_mgw_unrem_conqos_tab.xnqwa5gylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 0.5 ms < J <= 1.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter2	eri_mgw_unrem_conqos_tab.xnqwa5iylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 1.0 ms < J <= 2.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter3	eri_mgw_unrem_conqos_tab.xnqwa5kylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections	Sum

				with measured jitter (J) is 2.0 ms < J <= 5.0 ms . Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	
pmConnMeasuredJitter4	eri_mgw_unrem_conqos_tab.xnqwa5mylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 5.0 ms < J <= 8.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter5	eri_mgw_unrem_conqos_tab.xnqwa5oylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 8.0 ms < J <= 30.0 ms. Jitter is measured only for connections where jitter compensation	Sum

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				has been performed. SID frames are not included in the measurement.	
pmConnMeasuredJitter6	eri_mgw_unrem_conqos_tab.xnqwa5qylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 30.0 ms < J <= 60.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter7	eri_mgw_unrem_conqos_tab.xnqwa5sylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is 60.0 ms < J <= 100.0 ms. Jitter is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	Sum
pmConnMeasuredJitter8	eri_mgw_unrem_conqos_tab.xnqwa5uylp2ahuovr02ofb3l3m	INTEGER	#	The total number of connections with measured jitter (J) is greater than 100.0 ms. Jitter	Sum

				is measured only for connections where jitter compensation has been performed. SID frames are not included in the measurement.	
pmConnsOnUnknownRemoteSite	eri_mgw_unrem_conqos_tab.xnqwa5wylp2ahuovr02ofb3l3m	INTEGER	#	The number of current connections where the destination IP address cannot be identified to belong to any of the remote sites.	Average, tot, min, max
pmIpReceivedEcnPkts	eri_mgw_unrem_conqos_tab.xnqwa5yylp2ahuovr02ofb3l3m	INTEGER	#	The total number of received Explicit Congestion Notification (ECN) marked IP packets.	Sum
pmLatePktsDueToDeJitter	eri_mgw_unrem_conqos_tab.xnqwa61ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of packets where a packet has been so late that it has missed its processing time, that is, it is delayed more than the configured jitter protection time.	Sum

				In order to improve the speech quality a late packet is not dropped but will be processed in the next scheduled processing time slot. In such a case the total delay will increase with one cell interarrival time.	
pmRtpDiscardedPkts	eri_mgw_unrem_conqos_tab.xnqwa63ylp2ahuovr02ofb3l3m	INTEGER	#	The number of discarded RTP packets, that is, received RTP packets discarded due to header validity checks or due to misordered sequence numbers.	Sum
pmRtpLostPkts	eri_mgw_unrem_conqos_tab.xnqwa65ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of dropped RTP packets. The detection of dropped packets is based on sequence numbers in the RTP header as defined in Request for Comments (RFC) 1889.	Sum
pmRtpReceivedDscpCongPackets	eri_mgw_unrem_conqos_tab.xnqwa6aylp2ahuovr02ofb3l3m	INTEGER	#	The total number of received IP	Sum

				packets with the special Differentiated Services Code Point (DSCP) value.	
pmRtpReceivedOctetsHi	eri_mgw_unrem_conqos_tab.xnqwa6cylp2ahuovr02ofb3l3m	INT8	Octets	The total number of received RTP payload octets.	Sum
pmRtpReceivedOctetsLo	eri_mgw_unrem_conqos_tab.xnqwa6eylp2ahuovr02ofb3l3m	INT8	Octets	The total number of received RTP payload octets. This high-capacity Performance Management (PM) counter is split and presented by two 31 bit attributes: - pmRtpReceivedOctetsHi (bit 61-31) - pmRtpReceivedOctetsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity	Sum

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				counter.	
pmRtpReceivedPktsHi	eri_mgw_unrem_conqos_tab.xnqwa6gylp2ahuovr02ofb3l3m	INT8	#	The total number of received RTP packets.	Sum
pmRtpReceivedPktsLo	eri_mgw_unrem_conqos_tab.xnqwa6iylp2ahuovr02ofb3l3m	INTEGER	#	The total number of received RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpReceivedPktsHi (bit 61-31) - pmRtpReceivedPktsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	Sum
pmRtpSentOctetsHi	eri_mgw_unrem_conqos_tab.xnqwa6kylp2ahuovr02ofb3l3m	INT8	Octets	The total number of sent RTP payload octets.	Sum
pmRtpSentOctetsLo	eri_mgw_unrem_conqos_tab.xnqwa6mylp2ahuovr02ofb3l3m	INT8	Octets	The total number of sent RTP payload octets. This high-capacity PM counter is	Sum

				split and presented by two 31 bit attributes: - pmRtpSentOctetsHi (bit 61-31) - pmRtpSentOctetsLo (bit 30-0). The two most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	
pmRtpSentPktsHi	eri_mgw_unrem_conqos_tab.xnqwa6oylp2ahuovr02ofb3l3m	INT8	#	The total number of sent RTP packets.	Sum
pmRtpSentPktsLo	eri_mgw_unrem_conqos_tab.xnqwa6qylp2ahuovr02ofb3l3m	INTEGER	#	The total number of sent RTP packets. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmRtpSentPktsHi (bit 62-31) - pmRtpSentPktsLo (bit 30-0). The two most significant bits	Sum

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				of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	
pmSuccTransmittedPkts Hi	eri_mgw_unrem_conqos_ta b.xnqwa6sylp2ahuovr02ofb 3l3m	INT8	#	The total number of successfully transmitted packets through the jitter compensation buffer. SID frames are not included in the measurement.	Sum
pmSuccTransmittedPkts Lo	eri_mgw_unrem_conqos_ta b.xnqwa6uylp2ahuovr02ofb 3l3m	INTEG ER	#	The total number of successfully transmitted packets through the jitter compensation buffer. SID frames are not included in the measurement. This high-capacity PM counter is split and presented by two 31 bit attributes: - pmSuccTransmi ttedPktsHi (bit 61-31) - pmSuccTransmi ttedPktsLo (bit 30-0). The two	Sum

				most significant bits of this 64 bit counter are discarded. This attribute represents the lower part of the 62 least significant bits of the high-capacity counter.	

6.44 VC11 Performance Indicators

- VC11.Ericsson.UMTS.VC11_Terminating_Point

6.44.1 VC11.Ericsson.UMTS.VC11_Terminating_Point

VC11 terminating point data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmVcBbe	eri_vc11_term_point_tab.x nqwa6wylp2ahuovr02ofb3l 3m	INTEGER	Second	Transmission Background Block Errors (BBE). Number of errored blocks not being part of a SES. The granularity period of 60 minutes is not supported.	Sum, ermgwms bh
pmVcEs	eri_vc11_term_point_tab.x nqwa6yylp2ahuovr02ofb3l 3m	INT8	Second	Number of Errored Seconds (ES) for the Virtual Container 3 (VC3) or Virtual Container 11	Sum, ermgwms bh

				(VC11). The granularity period of 60 minutes is not supported.	
pmVcSes	eri_vc11_term_point_tab.x nqwaa1ylp2ahuovr02ofb3l 3m	INT8	Second	Number of Severely Errored Seconds (SES) for the Virtual Container 3 (VC3) or Virtual Container 11 (VC11). The granularity period of 60 minutes is not supported.	Sum, ermgwms bh
pmVcUas	eri_vc11_term_point_tab.x nqwaa3ylp2ahuovr02ofb3l 3m	INTEG ER	Second	Transmission Unavailable Seconds (UAS). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10 consecutive non SES are detected. The granularity period of 60 minutes is not supported.	Sum, ermgwms bh

6.45 VC12 Performance Indicators

- VC12.Ericsson.UMTS.VC12_Terminating_Point

6.45.1 VC12.Ericsson.UMTS.VC12_Terminating_Point

VC12 terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmVcBbe	eri_vc12_term_point_tab.tt ne5kqox22agtpcb0221vyni l	INTEGER	Second	Transmission Background Block Errors (BBE). Number of errored blocks not being part of a SES.	Sum, ermgwms bh
pmVcEs	eri_vc12_term_point_tab.tt ne5kmox22agtpcb0221vyn il	INT8	Second	Total number of Errored Seconds.	Sum, ermgwms bh
pmVcSes	eri_vc12_term_point_tab.tt ne5koox22agtpcb0221vyni l	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwms bh
pmVcUas	eri_vc12_term_point_tab.tt ne5ksox22agtpcb0221vynil	INTEGER	Second	Transmission Unavailable Seconds (UAS). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10 consecutive non SES are detected.	Sum, ermgwms bh

6.46 VC3 Performance Indicators

- VC3.Ericsson.UMTS.VC3_Terminating_Point

6.46.1 VC3.Ericsson.UMTS.VC3_Terminating_Point

VC3 terminating point data

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmVcBbe	eri_vc3_term_point_tab.xnqwaa5ylp2ahuovr02ofb3l3m	INTEGER	Second	Transmission Background Block Errors (BBE). Number of errored blocks not being part of a SES. The granularity period of 60 minutes is not supported.	Sum, ermgwmsbh
pmVcEs	eri_vc3_term_point_tab.xnqwaaaylp2ahuovr02ofb3l3m	INT8	Second	Number of Errored Seconds (ES) for the Virtual Container 3 (VC3) or Virtual Container 11 (VC11). The granularity period of 60 minutes is not supported.	Sum, ermgwmsbh
pmVcSes	eri_vc3_term_point_tab.xnqwaacylp2ahuovr02ofb3l3m	INT8	Second	Number of Severely Errored Seconds (SES) for the Virtual Container 3 (VC3) or Virtual Container 11 (VC11). The granularity period of 60 minutes is not supported.	Sum, ermgwmsbh
pmVcUas	eri_vc3_term_point_tab.xnqwaaeylp2ahuovr02ofb3l3m	INTEGER	Second	Transmission Unavailable Seconds (UAS). The accumulated	Sum, ermgwmsbh

| | | | | unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10 consecutive non SES are detected. The granularity period of 60 minutes is not supported. | |

6.47 VC4 Performance Indicators

- VC4.Ericsson.UMTS.VC4_Terminating_Point

6.47.1 VC4.Ericsson.UMTS.VC4_Terminating_Point

VC4 terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmVcBbe	eri_vc4term_point_tab.ttne5kyox22agtpcb0221vynil	INTEGER	Second	Transmission Background Block Errors (BBE). Number of errored blocks not being part of a SES.	Sum, ermgwmsbh
pmVcEs	eri_vc4term_point_tab.ttne5kuox22agtpcb0221vynil	INT8	Second	Total number of Errored Seconds.	Sum, ermgwmsbh

pmVcSes	eri_vc4term_point_tab.ttne5kwox22agtpcb0221vynil	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwmsbh
pmVcUas	eri_vc4term_point_tab.ttne5l1ox22agtpcb0221vynil	INTEGER	Second	Transmission Unavailable Seconds (UAS). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive Severely Errored Seconds (SES) are detected (them being part of the unavailable time) and ends when 10 consecutive non SES are detected.	Sum, ermgwmsbh

6.48 VclTp Performance Indicators

- VclTp.Ericsson.UMTS.Virtual_channel

6.48.1 VclTp.Ericsson.UMTS.Virtual_channel

Virtual channel data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
egressatmpcr	eri_vcltp_vc_tab.xdqrl661bl2ahcw3002ofawaex	INTEGER	cell/s	Egress ATM Peak cell rate (cells/s).	Constant, eraputctbh, tot, min, max
ingressatmpcr	eri_vcltp_vc_tab.xdqrl641bl2ahcw3002ofawaex	INTEGER	cell/s	Ingress ATM Peak cell rate (cells/s).	Constant, eraputctbh, tot, min, max
pmBwUtilRx_0_5	eri_vcltp_vc_tab.tkc0a3n0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of	Sum, eraputctbh

				the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 1 which represents (0-5) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_11_15	eri_vcltp_vc_tab.tkc0a3r0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load	Sum, eraputctbh

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				ranges (range counters) for the VclTp MO. This counter takes position 3 which represents (11-15) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_16_20	eri_vcltp_vc_tab.tkc0a3t0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 4 which represents (16-20) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_21_25	eri_vcltp_vc_tab.tkc0a3v0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual	Sum, eraputctbh

				connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 5 which represents (21-25) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_26_30	eri_vcltp_vc_tab.tkc0a3x0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range	Sum, eraputctbh

				counters) for the VclTp MO. This counter takes position 6 which represents (26-30) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_31_35	eri_vcltp_vc_tab.tkc0a400 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 7 which represents (31-35) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_36_40	eri_vcltp_vc_tab.tkc0a420 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the	Sum, eraputctbh

				receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 8 which represents (36-40) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_41_45	eri_vcltp_vc_tab.tkc0a440 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the	Sum, eraputctbh

				VclTp MO. This counter takes position 9 which represents (41-45) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_46_50	eri_vcltp_vc_tab.tkc0a460 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 10 which represents (46-50) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_51_55	eri_vcltp_vc_tab.tkc0a4b0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction	Sum, eraputctbh

				represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 11 which represents (51-55) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_56_60	eri_vcltp_vc_tab.tkc0a4d0 qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This	Sum, eraputctbh

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				counter takes position 12 which represents (56-60) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_6_10	eri_vcltp_vc_tab.tkc0a3p0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 2 which represents (6-10) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_61_65	eri_vcltp_vc_tab.tkc0a4f0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a	Sum, eraputctbh

				histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 13 which represents (61-65) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_66_70	eri_vcltp_vc_tab.tkc0a4h0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes	Sum, eraputctbh

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				position 14 which represents (66-70) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_71_75	eri_vcltp_vc_tab.tkc0a4j0q g2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 15 which represents (71-75) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_76_80	eri_vcltp_vc_tab.tkc0a4l0q g2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram,	Sum, eraputctbh

				consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 16 which represents (76-80) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_81_85	eri_vcltp_vc_tab.tkc0a4n0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 17 which	Sum, eraputctbh

				represents (81-85) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_86_90	eri_vcltp_vc_tab.tkc0a4p0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 18 which represents (86-90) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilRx_91_95	eri_vcltp_vc_tab.tkc0a4r0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list	Sum, eraputctbh

				of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 19 which represents (91-95) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_96_100	eri_vcltp_vc_tab.tkc0a4t0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 20 which represents	Sum, eraputctbh

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				(96-100) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilRx_PCR	eri_vcltp_vc_tab.tkc0a3l0q g2aieowb02ofb3l3m	FLOAT	#	The counter shows the utilization of the virtual connection in the receiving direction represented by a histogram, consisting of a list of 21 numbers. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 0 which represents the PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Average, eraputctbh , tot, min, max
pmBwUtilTx_0_5	eri_vcltp_vc_tab.tkc0a4x0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list	Sum, eraputctbh

				of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 1 which represents (0-5) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_11_15	eri_vcltp_vc_tab.tkc0a520 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This	Sum, eraputctbh

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				counter takes position 3 which represents (11-15) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_16_20	eri_vcltp_vc_tab.tkc0a540 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 4 which represents (16-20) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_21_25	eri_vcltp_vc_tab.tkc0a560 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the	Sum, eraputctbh

				transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 5 which represents (21-25) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_26_30	eri_vcltp_vc_tab.tkc0a5b0qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next	Sum, eraputctbh

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				20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 6 which represents (26-30) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_31_35	eri_vcltp_vc_tab.tkc0a5d0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 7 which represents (31-35) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is	Sum, eraputctbh

				increased.	
pmBwUtilTx_36_40	eri_vcltp_vc_tab.tkc0a5f0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 8 which represents (36-40) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_41_45	eri_vcltp_vc_tab.tkc0a5h0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list	Sum, eraputctbh

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				of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 9 which represents (41-45) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_46_50	eri_vcltp_vc_tab.tkc0a5j0q g2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 10 which represents (46-50) percent usage of PCR. The load is	Sum, eraputctbh

				sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_51_55	eri_vcltp_vc_tab.tkc0a5l0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 11 which represents (51-55) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_56_60	eri_vcltp_vc_tab.tkc0a5n0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the	Sum, eraputctbh

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				transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 12 which represents (56-60) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_6_10	eri_vcltp_vc_tab.tkc0a500 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This	Sum, eraputctbh

				counter takes position 2 which represents (6-10) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_61_65	eri_vcltp_vc_tab.tkc0a5p0 qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 13 which represents (61-65) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is	Sum, eraputctbh

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				increased.	
pmBwUtilTx_66_70	eri_vcltp_vc_tab.tkc0a5r0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 14 which represents (66-70) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_71_75	eri_vcltp_vc_tab.tkc0a5t0q g2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next	Sum, eraputctbh

				20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 15 which represents (71-75) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_76_80	eri_vcltp_vc_tab.tkc0a5v0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 16 which represents (76-80) percent usage of PCR. The load is	Sum, eraputctbh

				sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_81_85	eri_vcltp_vc_tab.tkc0a5x0 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 17 which represents (81-85) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_86_90	eri_vcltp_vc_tab.tkc0a600 qg2aieowb02ofb3l3m	INTEG ER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list	Sum, eraputctbh

				of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 18 which represents (86-90) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_91_95	eri_vcltp_vc_tab.tkc0a620 qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This	Sum, eraputctbh

				counter takes position 19 which represents (91-95) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	
pmBwUtilTx_96_100	eri_vcltp_vc_tab.tkc0a640 qg2aieowb02ofb3l3m	INTEGER	#	The counter shows the utilization of the virtual connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 20 which represents (96-100) percent usage of PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	Sum, eraputctbh
pmBwUtilTx_PCR	eri_vcltp_vc_tab.tkc0a4v0 qg2aieowb02ofb3l3m	FLOAT	#	The counter shows the utilization of the virtual	Average, eraputctbh , tot, min,

				connection in the transmitting direction represented by a histogram, consisting of a list of 21 numbers, indexed from zero. The first number is Peak Cell Rate (PCR) and the next 20 numbers are different load ranges (range counters) for the VclTp MO. This counter takes position 0 which represents the PCR. The load is sampled every 10s and depending on the sampled value, the corresponding range counter is increased.	max
pmReceivedAtmCells	eri_vcltp_vc_tab.u6suufaox22agtpcb0221vynil	INT8	#	Total number of ATM cells received through this Virtual Channel (VC) link.	Sum, eraputctbh
pmTransmittedAtmCells	eri_vcltp_vc_tab.u6suufcox22agtpcb0221vynil	INT8	#	Total number of ATM cells transmitted through this VC link.	Sum, eraputctbh
Rx_bandwidth_per_second	((({pmReceivedAtmCells} / {measurement_seconds})*	FLOAT	#	The amount of received bandwidth per	Average, eraputctbh, tot, min,

				second	max
Rx_cells_per_second	{pmReceivedAtmCells}/ {measurement_seconds}	FLOAT	#	Received cells per second	Average, eraputctbh, tot, min, max
Tx_bandwidth_per_second	(((({pmTransmittedAtmCells}/ {measurement_seconds})* (53*8)/1000)/1000)	FLOAT	#	The amount of transmitted bandwidth per second	Average, eraputctbh, tot, min, max
Tx_cells_per_second	{pmTransmittedAtmCells} /{measurement_seconds}	FLOAT	#	Transmitted cells per second	Average, eraputctbh, tot, min, max
Usage_rate_Rx	({pmReceivedAtmCells}/900) / {ingressatmpcr}	FLOAT	#	Usage rate received cells	Average, eraputctbh, tot, min, max
Usage_rate_Tx	({pmTransmittedAtmCells}/900) / {egressatmpcr}	FLOAT	#	Usage rate transmitted cells	Average, eraputctbh, tot, min, max

6.49 VMGW Performance Indicators

- VMGW.Ericsson.UMTS.BCTP
- VMGW.Ericsson.UMTS.IP_Bearer_Control_Protocol
- VMGW.Ericsson.UMTS.Iu_Interface
- VMGW.Ericsson.UMTS.Nb_Interface
- VMGW.Ericsson.UMTS.Utilisation

6.49.1 VMGW.Ericsson.UMTS.BCTP

Bearer Control Tunneling Protocol statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNrOfRecBctpProtocolFailures	eri_vmgw_bctp_tab.ttne5l3ox22agtpcb0221vynil	INTEGER	#	The total number of received BCTP (Q.1990) protocol negotiation	Sum, ermgwmsbh

				failure indications.	
pmNrOfSentBctpProtocolFailures	eri_vmgw_bctp_tab.u0nbw6cox22agtpcb0221vynil	INTEGER	#	The total number of sent BCTP (Q.1990) protocol negotiation failure indications.	Sum, ermgwmsbh

6.49.2 VMGW.Ericsson.UMTS.IP_Bearer_Control_Protocol

Bearer Control Protocol statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNrOfOrigIpbcpBearPrepRejected	eri_mgw_vmgw_ipbcp_tab.u0nbw6eox22agtpcb0221vynil	INTEGER	#	The total number of bearer preparation rejections for originating IP Bearer Control Protocol (IPBCP) connections for example due to lack of resources.	Sum, ermgwmsbh
pmNrOfOrigIpbcpBearSupervTmrExp	eri_mgw_vmgw_ipbcp_tab.u0nbw6gox22agtpcb0221vynil	INTEGER	#	The total number of bearer supervision timer expirations for originating IP Bearer Control Protocol (IPBCP)	Sum, ermgwmsbh

				connections. The bearer supervision timer (T1) expires if no response for a bearer setup request is received from the remote node within a specified time.	
pmNrOfRecFaultyIpbcpAcceptMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6iox22agtpcb0221vynil	INTEGER	#	The total number of incorrect or erroneous IP Bearer Control Protocol (IPBCP Q.1970) Accept messages received for originating connections.	Sum, ermgwmsbh
pmNrOfRecIpbcpAcceptMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6kox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol IPBCP Q.1970) Accepted messages received for originating connections, indicating successful IP setup attempts.	Sum, ermgwmsbh
pmNrOfRecIpbcpConfusedMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6mox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP	Sum, ermgwmsbh

				Q.1970) Confused messages received for originating connections.	
pmNrOfRecIpbcpRejectMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6oox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Reject messages received for originating connections.	Sum, ermgwmsbh
pmNrOfRecIpbcpRequestMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6qox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Request messages received for terminating connections.	Sum, ermgwmsbh
pmNrOfSentIpbcpAcceptMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6sox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Accepted messages sent for terminating connections,	Sum, ermgwmsbh

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				indicating successful IP setup attempts.	
pmNrOfSentIpbcpConfusedMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6uox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Confused messages sent for terminating connections.	Sum, ermgwmsbh
pmNrOfSentIpbcpRejectMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6wox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Reject messages sent for terminating connections.	Sum, ermgwmsbh
pmNrOfSentIpbcpRequestMsg	eri_mgw_vmgw_ipbcp_tab.u0nbw6yox22agtpcb0221vynil	INTEGER	#	The total number of IP Bearer Control Protocol (IPBCP Q.1970) Request messages sent for originating connections.	Sum, ermgwmsbh
pmNrOfTermIpbcpBearPrepRejected	eri_mgw_vmgw_ipbcp_tab.u0nbwa1ox22agtpcb0221vynil	INTEGER	#	The total number of bearer preparation rejections for terminating IP Bearer Control Protocol	Sum, ermgwmsbh

				(IPBCP) connections for example due to lack of resources.	
pmNrOfTermIpbcpBearSupervTmrExp	eri_mgw_vmgw_ipbcp_tab.u0nbwa3ox22agtpcb0221vynil	INTEGER	#	The total number of bearer supervision timer expirations for terminating IP Bearer Control Protocol (IPBCP) connections. The bearer supervision timer expires if no bearer setup request is received from the remote node within a specified time.	Sum, ermgwmsbh

6.49.3 VMGW.Ericsson.UMTS.Iu_Interface

Iu interface statistics

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmNrOfTermIuInitSucc	eri_mgw_vmgw_iu_tab.u0nbwaaox22agtpcb0221vynil	INTEGER	#	The total number of successful Iu Initialization procedures initiated by another node,	Sum, ermgwmsbh

				indicated by the sending of a User Plane (UP) Initialization Ack message.	
pmNrOfTermIuInit	eri_mgw_vmgw_iu_tab.u0 nbwa5ox22agtpcb0221vyn il	INTEG ER	#	The total number of Iu initialization procedures initiated by another node, indicated by the reception of a User Plane (UP) Initialization message.	Sum, ermgwms bh

6.49.4 VMGW.Ericsson.UMTS.Nb_Interface

Nb interface statistics

KPI Name	Expression	Data Type	Unit s	Description	Aggregat ion
_%_Orig_Nb_Init_Conn_Succ	(1 - ({pmNrOfOrigNbInitFaul ts} / {pmNrOfOrigNbInit})) * 100	FLOA T	%	The originating Nb connection initialization success rate per VMGW	Average, ermgwms bh, tot, min, max
pmNoOfAlawOnNbConns	eri_mgw_vmgw_nb_tab.v gwnth1eqj2aht30r02ofawj he	INTEG ER	#	The total number of A-law Pulse Code Modulation (PCM) connections over the Nb interface. Condition: The counter is incremented when the User Service	Sum, ermgwms bh

				Information (USI) or Audio codec (Acodec) property is accepted with codec type value G.711 A-law on the Nb interface. The counter is also incremented when no coding law information is received in the Gateway Control Protocol (GCP) and the default coding law (A-law) in the node is used as the coding law for the connection. The counter is incremented once for each termination using the G.711 PCM standard	

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				regardless if the PCM Service is invoked or not.	
pmNoOfAlawOnTdmConns	eri_mgw_vmgw_nb_tab. wjpi0sseqj2aht30r02ofaw jhe	INTEG ER	#	The total number of A-law Pulse Code Modulation (PCM) connections over the Time Division Multiplexin g (TDM) interface. Condition: The counter is incremented when the User Service Information (USI) or Audio codec (Acodec) property is accepted with codec type value G.711 A-law on the TDM interface. The counter is also incremented when no coding law information is received in the Gateway	Sum, ermgwms bh

				Control Protocol (GCP) and the default coding law (A-law) in the node is used as the coding law for the connection. The counter is incremented once for each termination using the G.711 PCM standard regardless if the PCM Service is invoked or not.	
pmNoOfAlawToUlawPcmLawConns	eri_mgw_vmgw_nb_tab.x0lcndseqj2aht30r02ofawjhe	INTEGER	#	The total number of connections from one G.711 Pulse Code Modulation (PCM) coding law to another G.711 PCM coding law. Condition: The counter is	Sum, ermgwmsbh

				incremented when a connection is established where conversion is performed from one G.711 PCM coding law to another. The counter is incremented once per context.	
pmNoOfAMROnNbConns	eri_mgw_vmgw_nb_tab.u0nbwacox22agtpcb0221vynil	INTEGER	#	The total number of AMR (Adaptive Multi Rate) coded speech calls over the Nb interface.	Sum, ermgwmsbh
pmNoOfCompToNonDefaultPcmLawConns	eri_mgw_vmgw_nb_tab.xtmletceqj2aht30r02ofawjhe	INTEGER	#	The total number of connections established where compressed speech is transcoded into non-default Pulse Code Modulation (PCM). Condition: The counter is incremented when a connection	Sum, ermgwmsbh

				is established where compressed speech is transcoded into PCM where the PCM coding law differs from the default PCM coding law in the node.	
pmNoOfEFROnNbConns	eri_mgw_vmgw_nb_tab.u0nbwaeox22agtpcb0221vynil	INTEGER	#	The total number of Enhanced Full Rate (EFR) coded speech calls over the Nb interface.	Sum, ermgwmsbh
pmNoOfNonNodeDefaultPcmLawConns	eri_mgw_vmgw_nb_tab.yber4hgeqj2aht30r02ofawjhe	INTEGER	#	The total number of connections where both call legs have another coding law than the node default coding law. Condition: The counter is incremented when a connection is established	Sum, ermgwmsbh

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				where both call legs have another coding law than the default coding law in the node, that is, there is no conversion but both call legs use the non-node default coding law. The counter is incremented once per context.	
pmNoOfPCMOnNbConns	eri_mgw_vmgw_nb_tab.u0nbwagox22agtpcb0221vynil	INTEGER	#	The total number of Pulse Code Modulation (PCM calls over the Nb interface.)	Sum, ermgwmsbh
pmNoOfUlawOnNbConns	eri_mgw_vmgw_nb_tab.rptlxgkeqk2aht30r02ofawjhe	INTEGER	#	The total number of u-law Pulse Code Modulation (PCM) connections over the Nb interface. Condition: The counter is incremented when the User Service Information (USI) or	Sum, ermgwmsbh

| | | | | Audio codec (Acodec) property is accepted with codec type value G.711 u-law on the Nb interface. The counter is also incremented when no coding law information is received in the Gateway Control Protocol (GCP) and the default coding law (u-law) in the node is used as the coding law for the connection. The counter is incremented once for each termination using the G.711 PCM standard regardless if the PCM Service is | |

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				invoked or not.	
pmNoOfUlawOnTdmConns	eri_mgw_vmgw_nb_tab.s cve42ceqk2aht30r02ofaw jhe	INTEG ER	#	The total number of u-law Pulse Code Modulation (PCM) connections over the Time Division Multiplexin g (TDM) interface. Condition: The counter is incremented when the User Service Information (USI) or Audio codec (Acodec) property is accepted with codec type value G.711 u-law on the TDM interface. The counter is also incremented when no coding law information is received in the Gateway Control Protocol (GCP) and the default	Sum, ermgwms bh

				coding law (u-law) in the node is used as the coding law for the connection. The counter is incremented once for each termination using the G.711 PCM standard regardless if the PCM Service is invoked or not.	
pmNrOfOrigNbInitFaults	eri_mgw_vmgw_nb_tab.u0nbwakox22agtpcb0221vynil	INTEGER	#	The total number of dropped out (terminated) unsuccessful Nb initialization procedures for Nb connections with initialization sending.	Sum, ermgwmsbh
pmNrOfOrigNbInit	eri_mgw_vmgw_nb_tab.u0nbwaiox22agtpcb0221vynil	INTEGER	#	The total number of Nb initialization procedures initiated by	Sum, ermgwmsbh

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KPI Name	Expression	Data Type	Units	Description	Aggregation
			#	this node.	
pmNrOfTermNbInitSucc	eri_mgw_vmgw_nb_tab.u0nbwaoox22agtpcb0221vynil	INTEGER	#	The total number of successful Nb initialization procedures initiated by another node, indicated by the sending of a User Plane (UP) Initialization Ack message.	Sum, ermgwmsbh
pmNrOfTermNbInit	eri_mgw_vmgw_nb_tab.u0nbwamox22agtpcb0221vynil	INTEGER	#	The total number of Nb initialization procedures initiated by another node, indicated by the reception of a User Plane (UP) Initialization message.	Sum, ermgwmsbh

6.49.5 VMGW.Ericsson.UMTS.Utilisation

Utilisation data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
_%_AAL2_Bearer_Est_Succ	(1-(({pmNrOfIuTermAal2BearEstabFailRem} + {pmNrOfNbOrigAal2BearEstabFailRem} +	FLOAT	%	AAL2 bearer establishment success rate	Average, ermgwmsbh, tot, min,

	{pmNrOfNbTermAal2BearEstabFailRem}) / ({pmNrOfAal2TermsReq} - {pmNrOfAal2TermsRej}))) * 100				max
%_AAL2_Term_Seize_Succ	(1 - ({pmNrOfAal2TermsRej} / {pmNrOfAal2TermsReq})) * 100	FLOAT	%	The AAl2 termination seizure success rate per VMGW	Average, ermgw msbh, tot, min, max
%_GCP_Message_Sent_Rcvd	{pmGcpNrOfSentMessages} / {pmGcpNrOfReceivedMessages}	FLOAT	%	The ratio of GCP message statistics (Sent/Received)	Average, ermgw msbh, tot, min, max
%_IBPCP_Bearer_Est_Succ	(1-((({Ericsson.IP_Bearer_Control_Protocol.pmNrOfRecIpbcpRejectMsg}+ {Ericsson.IP_Bearer_Control_Protocol.pmNrOfSentIpbcpRejectMsg}+ {Ericsson.IP_Bearer_Control_Protocol.pmNrOfRecIpbcpConfusedMsg}+ {Ericsson.IP_Bearer_Control_Protocol.pmNrOfRecFaultyIpbcpAcceptMsg}+ {Ericsson.IP_Bearer_Control_Protocol.pmNrOfOrigIpbcpBearSupervTmrExp}+ {Ericsson.IP_Bearer_Control_Protocol.pmNrOfTermIpbcpBearSupervTmrExp}+ {Ericsson.BCTP.pmNrOfRecBctpProtocolFailures}) / ({pmNrOfIpTermsReq}-{pmNrOfIpTermsRej}))) * 100	FLOAT	%	IBPCP bearer establishment success rate	Average, ermgw msbh, tot, min, max

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_%_IP_Term_Seize_Succ	(1 - ({pmNrOfIpTermsRej} / {pmNrOfIpTermsReq})) * 100	FLOAT	%	The IP termination seizure success rate per VMGW	Average, ermgw msbh, tot, min, max
_%_pmGcpNrOfReceived Messages	100 * {pmGcpNrOfSentMessages}/ ({pmGcpNrOfReceivedMessages} +{pmGcpNrOfSentMessages})	FLOAT	%	Percentage of sent to received Gateway Control Protocol messages	Average, ermgw msbh
_%_pmGcpSystemUpTime	(100*{pmGcpSystemUpTime})/ {measurement_seconds}	FLOAT	%	Percentage of available system time.	Average, ermgw msbh, tot, min, max
_%_pmNrOfAal2TermsReq	100 * {pmNrOfAal2TermsRej}/ {pmNrOfAal2TermsReq}	FLOAT	%	Termination success rate for AAL2 requests in this VMGW.	Average, ermgw msbh
_%_pmNrOfContextsReq	100 * {pmNrOfContextsRej}/ {pmNrOfContextsReq}	FLOAT	%	Seizure success rate of contexts by the VMGW.	Average, ermgw msbh
_%_pmNrOfIpTermsReq	100 * {pmNrOfIpTermsRej}/ {pmNrOfIpTermsReq}	FLOAT	%	Termination success rate of IP requests in this VMGW.	Average, ermgw msbh
pmGcpNrOfReceivedMess ages	eri_vmgw_utilisation_tab.u0nbwas ox22agtpcb0221vynil	INT8	#	Total number of GCP messages which have been	Sum, ermgw msbh

				received	
pmGcpNrOfSentMessages	eri_vmgw_utilisation_tab.u0nbwa uox22agtpcb0221vynil	INT8	#	Total number of GCP messages which have been sent by the VMGW	Sum, ermgw msbh
pmGcpNrOfTimerRecovery	eri_vmgw_utilisation_tab.u0nbwa wox22agtpcb0221vynil	INT8	#	Obsolete in R4.1:Total number of timer recovery actions or events which have been implemented by the VMGw.	Sum, ermgw msbh
pmGcpSystemUpTime	eri_vmgw_utilisation_tab.u0nbwa yox22agtpcb0221vynil	INT8	Sec ond	Amount of time in seconds that the GCP link has been in operation.	Sum, ermgw msbh
pmNoOfAmrOnIuConns	eri_vmgw_utilisation_tab.xnqwaak ylp2ahuovr02ofb3l3m	INTE GER	#	The total number of Adaptive Multi Rate (AMR) coded speech calls over the Iu interface.	Sum, ermgw msbh
pmNoOfAmrOnVoIpConn s	eri_vmgw_utilisation_tab.xnqwaa mylp2ahuovr02ofb3l3m	INTE GER	#	The total number of	Sum, ermgw

				AMR coded speech calls over the Voice over Internet Protocol (VoIP) interface.	msbh
pmNoOfAmrWbOnIuConns	eri_vmgw_utilisation_tab.xnqwaaoylp2ahuovr02ofb3l3m	INTEGER	#	The total number of Adaptive Multi Rate Wideband (AMR-WB) coded speech calls over the Iu interface.	Sum, ermgw msbh
pmNoOfAmrWbOnNbConns	eri_vmgw_utilisation_tab.xnqwaaqylp2ahuovr02ofb3l3m	INTEGER	#	The total number of AMR-WB coded speech calls over the Nb interface.	Sum, ermgw msbh
pmNoOfAmrWbOnVoIpConns	eri_vmgw_utilisation_tab.xnqwaasylp2ahuovr02ofb3l3m	INTEGER	#	The total number of AMR-WB coded speech calls over the VoIP interface.	Sum, ermgw msbh
pmNoOfCodecModRej	eri_vmgw_utilisation_tab.xnqwaauylp2ahuovr02ofb3l3m	INTEGER	#	The total number of unsuccessful codec modification requests.	Sum, ermgw msbh
pmNoOfCodecModReq	eri_vmgw_utilisation_tab.xnqwaawylp2ahuovr02ofb3l3m	INTEGER	#	The total number of requested codec	Sum, ermgw msbh

				modifications.	
pmNoOfEfrOnVoIpConns	eri_vmgw_utilisation_tab.xnqwaayylp2ahuovr02ofb3l3m	INTEGER	#	The total number of EFR coded speech calls over the VoIP interface.	Sum, ermgw msbh
pmNoOfG711OnVoIpCons	eri_vmgw_utilisation_tab.xnqwab1ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of G.711 ITU-T standard coded speech calls over the VoIP interface.	Sum, ermgw msbh
pmNrOfAal2TermsBusy	eri_vmgw_utilisation_tab.u0nbwb1ox22agtpcb0221vynil	INT8	#	Current number of AAL2 terminations in use in this VMGw.	Average, ermgw msbh, tot, min, max
pmNrOfAal2TermsRej	eri_vmgw_utilisation_tab.u0nbwb3ox22agtpcb0221vynil	INT8	#	Total number of unsuccessful AAL2 termination requests in this VMGw.	Sum, ermgw msbh
pmNrOfAal2TermsReq	eri_vmgw_utilisation_tab.u0nbwb5ox22agtpcb0221vynil	INT8	#	Total number of AAL2 termination requests in this VMGw.	Sum, ermgw msbh

pmNrOfConnIcmpDestUnreachs	eri_vmgw_utilisation_tab.u0nbwc3ox22agtpcb0221vynil	INTEGER	#	The total number of connections with faults resulting from the reception of Internet Control Message Protocol(ICMP) Destination unreachable messages.	Sum, ermgw msbh
pmNrOfContextsBusy	eri_vmgw_utilisation_tab.u0nbwbaox22agtpcb0221vynil	INT8	#	Number of busy contexts currently existing in the VMGw.	Average, ermgw msbh, tot, min, max
pmNrOfContextsRej	eri_vmgw_utilisation_tab.u0nbwbcox22agtpcb0221vynil	INT8	#	Number of context seizure request received from the MGC but rejected by the VMGw.	Sum, ermgw msbh
pmNrOfContextsReq	eri_vmgw_utilisation_tab.u0nbwbeox22agtpcb0221vynil	INT8	#	Number of context seizure requests received from the MGC by the VMGw.	Sum, ermgw msbh
pmNrOfG729OnVoIpConns	eri_vmgw_utilisation_tab.xnqwab3ylp2ahuovr02ofb3l3m	INTEGER	#	The total number of G.729 coded speech calls over the	Sum, ermgw msbh

				VoIP interface.	
pmNrOfGcpNotifyCsdFaultAEst	eri_vmgw_utilisation_tab.u0nbwc5ox22agtpcb0221vynil	INTEGER	#	The total number of encountered Circuit Switched Data (CSD) termination faults after bearer establishment (between establishment of bearer and reception of Gateway Control Protocol (GCP) Sub, resulting in the sending of a GCP Notify message towards the MGC.	Sum, ermgw msbh
pmNrOfGcpNotifyCsdFaultBEst	eri_vmgw_utilisation_tab.u0nbwcaox22agtpcb0221vynil	INTEGER	#	The total number of encountered Circuit Switched Data (CSD) termination faults before bearer establishment (between sending of	Sum, ermgw msbh

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				Gateway Control Protocol (GCP) AddReply and establishme nt of Iu/Nb bearer) for example due to protocol negotiation problems, resulting in the sending of a GCP Notify message towards the Media Gateway controller (MGC).	
pmNrOfGcpNotifySpeech FaultAEst	eri_vmgw_utilisation_tab.u0nbwcc ox22agtpcb0221vynil	INTE GER	#	The total number of encountered speech termination faults after bearer establishme nt (between establishme nt of bearer and reception of Gateway Control Protocol (GCP) Sub that result in the sending of a GCP Notify message	Sum, ermgw msbh

				towards the Media Gateway controller (MGC).	
pmNrOfGcpNotifySpeechFaultBEst	eri_vmgw_utilisation_tab.u0nbwceox22agtpcb0221vynil	INTEGER	#	The total number of encountered speech termination faults before bearer establishment (between sending of Gateway Control Protocol (GCP) AddReply and establishment of Iu/Nb bearer) for example due to protocol negotiation problems, resulting in the sending of a GCP Notify message towards the Media Gateway controller (MGC).	Sum, ermgw msbh
pmNrOfGcpOctetsRec	eri_vmgw_utilisation_tab.u0nbwcgox22agtpcb0221vynil	INT8	Octets	The total number of	Sum, ermgw

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				octets in received Gateway Control Protocol (GCP H.248) messages.	msbh
pmNrOfGcpOctetsSent	eri_vmgw_utilisation_tab.u6suudkox22agtpcb0221vynil	INT8	Octets	The total number of octets in sent Gateway Control Protocol (GCP H.248) messages.	Sum, ermgw msbh
pmNrOfGcpRetrans	eri_vmgw_utilisation_tab.u6suudmox22agtpcb0221vynil	INTEGER	#	The total number of Gateway Control Protocol (GCP) retransmissions sent to the Media Gateway Controller (MGC).	Sum, ermgw msbh
pmNrOfGcpSentPendingMess	eri_vmgw_utilisation_tab.u6suudoox22agtpcb0221vynil	INTEGER	#	The total number of sent Transaction Pending messages.	Sum, ermgw msbh
pmNrOfGcpTransactionWithMaxRetr	eri_vmgw_utilisation_tab.u6suudqox22agtpcb0221vynil	INTEGER	#	The total number of transaction releases where the maximum number of	Sum, ermgw msbh

				retransmissions was reached.	
pmNrOfGcpTransWithMaxPendingMess	eri_vmgw_utilisation_tab.u6suudsox22agtpcb0221vynil	INTEGER	#	The total number of transactions where the maximum number of Transaction Pending messages was sent, leading to sending of a transaction fault towards the MediaGateway controller (MGC).	Sum, ermgw msbh
pmNrOfInternalAal2ConnEstabFail	eri_vmgw_utilisation_tab.u6suuduox22agtpcb0221vynil	INTEGER	#	The total number of ATM Adaptation Layer type 2 (AAL2) connection establishment failures for node internal connections.	Sum, ermgw msbh
pmNrOfInvokedGcpLoadControl	eri_vmgw_utilisation_tab.u6suudwox22agtpcb0221vynil	INTEGER	#	The total number of occurrences that Gateway	Sum, ermgw msbh

				Control Protocol (GCP) load control service has been invoked towards the Media Gateway controller (MGC).	
pmNrOfIpTermsBusy	eri_vmgw_utilisation_tab.u0nbwb gox22agtpcb0221vynil	INT8	#	The current number of Internet Protocol (IP) terminations in use in this VMGw.	Average , ermgw msbh, tot, min, max
pmNrOfIpTermsRej	eri_vmgw_utilisation_tab.u0nbwbi ox22agtpcb0221vynil	INT8	#	Total number of unsuccessful IP termination requests in this VMGw.	Sum, ermgw msbh
pmNrOfIpTermsReq	eri_vmgw_utilisation_tab.u0nbwb kox22agtpcb0221vynil	INT8	#	Total number of IP termination requests in this VMGw.	Sum, ermgw msbh
pmNrOfIuIpBearerSuperv TmrExp	eri_vmgw_utilisation_tab.xnqwab 5ylp2ahuovr02ofb3l3m	INTE GER	#	The total number of bearer supervision timer expirations for Iu over IP connections. The bearer	Sum, ermgw msbh

				supervision timer expires if no remote IP address and User Datagram Protocol (UDP) port is received from the remote node or Mobile Services Switching Centre (MSC) Server within a specified time.	
pmNrOfIuTermAal2BearEstabFailLoc	eri_vmgw_utilisation_tab.u6suudyox22agtpcb0221vynil	INTEGER	#	The total number of terminating ATM Adaptation Layer type 2 (AAL2) bearer establishment failures on an Iu-interface due to a local reason.	Sum, ermgw msbh
pmNrOfIuTermAal2BearEstabFailRem	eri_vmgw_utilisation_tab.u6suue1ox22agtpcb0221vynil	INTEGER	#	The total number of terminating ATM Adaptation	Sum, ermgw msbh

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				Layer type 2 (AAL2) bearer establishme nt failures on an Iu-interface due to a remote reason.	
pmNrOfNbOrigAal2BearE stabFailLoc	eri_vmgw_utilisation_tab.u6suue3 ox22agtpcb0221vynil	INTE GER	#	The total number of originating ATM Adaptation Layer type 2 (AAL2) bearer establishme nt failures on an Nb-interface due to a local reason.	Sum, ermgw msbh
pmNrOfNbOrigAal2BearE stabFailRem	eri_vmgw_utilisation_tab.u6suue5 ox22agtpcb0221vynil	INTE GER	#	The total number of originating ATM Adaptation Layer type 2 (AAL2) bearer establishme nt failures on an Nb-interface due to a remote reason.	Sum, ermgw msbh
pmNrOfNbTermAal2Bear EstabFailLoc	eri_vmgw_utilisation_tab.u6suuea ox22agtpcb0221vynil	INTE GER	#	The total number of terminating ATM Adaptation Layer	Sum, ermgw msbh

				Layer type 2 (AAL2) bearer establishme nt failures on an Nb-interface due to a local reason.	
pmNrOfNbTermAal2Bear EstabFailRem	eri_vmgw_utilisation_tab.u6suuec ox22agtpcb0221vynil	INTE GER	#	The total number of terminating ATM Adaptation Layer type 2 (AAL2) bearer establishme nt failures on an Nb-interface due to a remote reason.	Sum, ermgw msbh
pmNrOfTdmTermsFaulty	eri_vmgw_utilisation_tab.u0nbwb wox22agtpcb0221vynil	INT8	#	Current number of TDM termination groups in the Vmgw that are in operational state DISABLED .	Average , ermgw msbh, tot, min, max
pmNrOfTdmTermsLocked	eri_vmgw_utilisation_tab.u0nbwb yox22agtpcb0221vynil	INT8	#	Current number of TDM Termination	Average , ermgw msbh,

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				groups in the Vmgw that are in administrative state LOCKED.	tot, min, max
pmNrOfVoIpBearerSupervTmrExp	eri_vmgw_utilisation_tab.xnqwabaylp2ahuovr02ofb3l3m	INTEGER	#	The total number of bearer supervision timer expirations for VoIP connections. The bearer supervision timer expires if no remote IP address and UDP port is received from the MSC Server within a specified time.	Sum, ermgw msbh
pmTotalNrOfTdmTerms	eri_vmgw_utilisation_tab.u0nbwc1ox22agtpcb0221vynil	INT8	#	Current number of TDM Terminations configured for the Vmgw.	Average, ermgw msbh, tot, min, max

6.50 VpcTp Performance Indicators

- VpcTp.Ericsson.UMTS.Virtual_path

6.50.1 VpcTp.Ericsson.UMTS.Virtual_path

Virtual path data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBwErrBlocks	eri_vcltp_vp_tab.u6suufeo x22agtpcb0221vynil	INT8	#	Total number of backward errored blocks.	Sum, eraputctbh, ervpltcbh
pmBwLostCells	eri_vcltp_vp_tab.u6suufgo x22agtpcb0221vynil	INT8	#	Total number of lost backward cells.	Sum, eraputctbh, ervpltcbh
pmBwMissinsCells	eri_vcltp_vp_tab.u6suufiox 22agtpcb0221vynil	INT8	#	Total number of misinserted backward cells.	Sum, eraputctbh, ervpltcbh
pmFwErrBlocks	eri_vcltp_vp_tab.u6suufko x22agtpcb0221vynil	INT8	#	Total number of forward errored blocks.	Sum, eraputctbh, ervpltcbh
pmFwLostCells	eri_vcltp_vp_tab.u6suufmo x22agtpcb0221vynil	INT8	#	Total number of lost forward cells.	Sum, eraputctbh, ervpltcbh
pmFwMissinsCells	eri_vcltp_vp_tab.u6suufoo x22agtpcb0221vynil	INT8	#	Total number of forward misinserted cells.	Sum, eraputctbh, ervpltcbh
pmLostBrCells	eri_vcltp_vp_tab.u6suufqo x22agtpcb0221vynil	INT8	#	Total number of lost backward reporting cells.	Sum, eraputctbh, ervpltcbh
pmLostFpmCells	eri_vcltp_vp_tab.u6suufso x22agtpcb0221vynil	INT8	#	Total number of lost Forward Performance Monitoring (FPM) cells.	Sum, eraputctbh, ervpltcbh

6.51 VplTp Performance Indicators

- VplTp.Ericsson.UMTS.Traffic_agregated_from_VPCTP
- VplTp.Ericsson.UMTS.Traffic

6.51.1 VplTp.Ericsson.UMTS.Traffic_agregated_from_VPCTP

Data from VPCTP level aggregated up to VPLTP.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmBwErrBlocks	eri_tgfvpctp_tab.ufv5vjaox22agtpcb0221vynil	INT8	#	Total number of backward errored blocks.	Sum, eraputctbh, ervpltcbh
pmBwLostCells	eri_tgfvpctp_tab.ufv5vjcox22agtpcb0221vynil	INT8	#	Total number of lost backward cells.	Sum, eraputctbh, ervpltcbh
pmBwMissinsCells	eri_tgfvpctp_tab.ufv5vjeox22agtpcb0221vynil	INT8	#	Total number of misinserted backward cells.	Sum, eraputctbh, ervpltcbh
pmFwErrBlocks	eri_tgfvpctp_tab.ufv5vjgox22agtpcb0221vynil	INT8	#	Total number of forward errored blocks.	Sum, eraputctbh, ervpltcbh
pmFwLostCells	eri_tgfvpctp_tab.ufv5vjiox22agtpcb0221vynil	INT8	#	Total number of lost forward cells.	Sum, eraputctbh, ervpltcbh
pmFwMissinsCells	eri_tgfvpctp_tab.ufv5vjkox22agtpcb0221vynil	INT8	#	Total number of forward misinserted cells.	Sum, eraputctbh, ervpltcbh
pmLostBrCells	eri_tgfvpctp_tab.ufv5vjmox22agtpcb0221vynil	INT8	#	Total number of lost backward reporting cells.	Sum, eraputctbh, ervpltcbh
pmLostFpmCells	eri_tgfvpctp_tab.ufv5vjoox22agtpcb0221vynil	INT8	#	Total number of lost Forward Performance Monitoring (FPM) cells.	Sum, eraputctbh, ervpltcbh

6.51.2 VplTp.Ericsson.UMTS.Traffic

Virtual path link traffic data

KPI Name	Expression	Data Type	Units	Description	Aggregation

Cer_Rx	{Ericsson.Traffic_agregated_from_VPCTP.pmBwErrBlocks}/ {pmReceivedAtmCells}	FLOAT	#	Cell error rate (received)	Average, eraputctbh, ervpltcbh, tot, min, max
Cer_Tx	{Ericsson.Traffic_agregated_from_VPCTP.pmFwErrBlocks}/ {pmTransmittedAtmCells}	FLOAT	#	Cell error rate (transmitted)	Average, eraputctbh, ervpltcbh, tot, min, max
Clr_Rx	{Ericsson.Traffic_agregated_from_VPCTP.pmBwLostCells}/ {pmReceivedAtmCells}	FLOAT	#	Cell loss rate (received)	Average, eraputctbh, ervpltcbh, tot, min, max
Clr_Tx	{Ericsson.Traffic_agregated_from_VPCTP.pmFwLostCells}/ {pmTransmittedAtmCells}	FLOAT	#	Cell loss rate (transmitted)	Average, eraputctbh, ervpltcbh, tot, min, max
Cmr_Rx	{Ericsson.Traffic_agregated_from_VPCTP.pmBwMissinsCells}/ {pmReceivedAtmCells}	FLOAT	#	Cell misinsertion rate (received)	Average, eraputctbh, ervpltcbh, tot, min, max
Cmr_Tx	{Ericsson.Traffic_agregated_from_VPCTP.pmFwMissinsCells}/ {pmTransmittedAtmCells}	FLOAT	#	Cell misinsertion rate (transmitted)	Average, eraputctbh, ervpltcbh, tot, min, max
egressatmpcr	eri_vpltp_traffic_tab.wnj4t	INTEG	cell/s	Engress ATM	Constant,

	cn1bm2ahcw3002ofawaex	ER		Peak cell rate (cells/s).	eraputctbh, ervpltcbh, tot, min, max
EgressPcr	eri_vpltp_traffic_tab.t31q1x4gwb2ahbgtj00pg3rx00	INTEGER	cell/s	Obsolete in R5.1:Egress Peak Cell Rate	Average, eraputctbh, ervpltcbh, tot, min, max
ingressatmpcr	eri_vpltp_traffic_tab.wnj4tcp1bm2ahcw3002ofawaex	INTEGER	cell/s	Ingress ATM Peak cell rate (cells/s).	Constant, eraputctbh, ervpltcbh, tot, min, max
IngressPcr	eri_vpltp_traffic_tab.rs2tiuvgwb2ahbgtj00pg3rx00	INTEGER	cell/s	Obsolete in R5.1:Ingress Peak Cell Rate	Average, eraputctbh, ervpltcbh, tot, min, max
pmReceivedAtmCells	eri_vpltp_traffic_tab.ufv5vj3ox22agtpcb0221vynil	INT8	#	Total number of ATM cells received through this Virtual Path (VP) link.	Sum, eraputctbh, ervpltcbh
pmTransmittedAtmCells	eri_vpltp_traffic_tab.ufv5vj5ox22agtpcb0221vynil	INT8	#	Total number of ATM cells transmitted through this VP link.	Sum, eraputctbh, ervpltcbh
Rx_bandwidth_per_second	(((({pmReceivedAtmCells}/{measurement_seconds})*(53*8)/1000)/1000)	FLOAT	#	The amount of received bandwidth per second	Average, eraputctbh, ervpltcbh, tot, min, max
Rx_cells_per_second	{pmReceivedAtmCells}/{measurement_seconds}	FLOAT	#	Received cells per second	Average, eraputctbh

					, ervpltcbh, tot, min, max
Total_cells	{pmReceivedAtmCells}+ {pmTransmittedAtmCells}	INT8	#	Total number of ATM cells transmitted and received through this VP link	Average, eraputctbh , ervpltcbh, tot, min, max
Tx_bandwidth_per_second	(((({pmTransmittedAtmCells}/ {measurement_seconds})*(53*8)/1000)/1000)	FLOAT	#	The amount of transmitted bandwidth per second	Average, eraputctbh , ervpltcbh, tot, min, max
Tx_cells_per_second	{pmTransmittedAtmCells} /{measurement_seconds}	FLOAT	#	Transmitted cells per second	Average, eraputctbh , ervpltcbh, tot, min, max
Usage_rate_Rx	({pmReceivedAtmCells}/9 00) / {ingressatmpcr}	FLOAT	#	Usage rate received cells	Average, eraputctbh , ervpltcbh, tot, min, max
Usage_rate_Tx	({pmTransmittedAtmCells }/900) / {egressatmpcr}	FLOAT	#	Usage rate transmitted cells	Average, eraputctbh , ervpltcbh, tot, min, max

6.52 VT15 Performance Indicators

- VT15.Ericsson.UMTS.VT15_Terminating_Point

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.52.1 VT15.Ericsson.UMTS.VT15_Terminating_Point

VT15 terminating point data.

KPI Name	Expression	Data Type	Units	Description	Aggregation
pmEs	eri_vt15_term_point_tab.u6suueoox22agtpcb0221vynil	INT8	Second	Total number of Errored Seconds.	Sum, ermgwmsbh
pmSes	eri_vt15_term_point_tab.u6suueqox22agtpcb0221vynil	INT8	Second	Total number of Severely Errored Seconds.	Sum, ermgwmsbh
pmUas	eri_vt15_term_point_tab.u6suuesox22agtpcb0221vynil	INTEGER	Second	Transmission Unavailable Seconds (SES). The accumulated unavailable time in seconds during the interval. Unavailable time starts when 10 consecutive SES are detected (them being part of the unavailable time) and ends when 10 consecutive non-SES are detected.	Sum, ermgwmsbh

7 Database Schema

7.1 Hierarchy Tables

This section lists the hierarchy ("NC") tables that are included in this technology pack module's database schema.

7.1.1 NC_AAL1_TP_VCC_TP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL1_TP_VCC_TP_ID	VARCHAR2(50)		[TransportNetwork_Aal1TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal1TpVccTp_" & Aal1TpVccTp
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal1TpVccTp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal1TpVccTp] REGION_ID
NODE_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal1TpVccTp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		

Column Name	Data Type		Loader Block/Mapping
ENDSTAMP	DATE		
TECHNOLOGY	VARCHAR2(50)		[TransportNetwork_Aal1TpVccTp] "UMTS"
AAL1_TP_VCC_TP_NAME	VARCHAR2(255)		[TransportNetwork_Aal1TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal1TpVccTp_" & Aal1TpVccTp
NODE_TYPE	VARCHAR2(50)		[TransportNetwork_Aal1TpVccTp] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Aal1TpVccTp] nEDistinguishedName_MeContext
VERSION	VARCHAR2(50)		[TransportNetwork_Aal1TpVccTp] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_Aal1TpVccTp] "Ericsson"

7.1.2 NC_AAL2_ACCESS_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL2_AP_ID	VARCHAR2(50)		[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & Aal2Sp & "-Aal2Ap_" & Aal2Ap
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp_Aal2Ap] REGION_ID
AAL2_SP_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2Sp_" & Aal2Sp
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp_Aal2Ap] NETWORK_ID
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	

TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] "MGW"
VERSION	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] "R5.1"
AAL2_AP_NAME	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & Aal2Sp & "-Aal2Ap_" & Aal2Ap
NODE_ID	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] "UMTS"
AAL2_AP_TYPE	VARCHAR2(50)		[TransportNetwork_Aal2Sp_Aal2Ap] UserLabel
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext
VENDOR	VARCHAR2(50)		[TransportNetwork_Aal2Sp_Aal2Ap] "Ericsson"

7.1.3 NC_AAL2_SIGNALLING_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL2_SP_ID	VARCHAR2(50)		[TransportNetwork_Aal2Sp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2Sp_" & Aal2Sp
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp] REGION_ID

NODE_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp] NETWORK_ID
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NODE_TYPE_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2Sp] "MGW"
TIMESTAMP	DATE		
ENDSTAMP	DATE		
AAL2_SP_NAME	VARCHAR2(255)		[TransportNetwork_Aal2Sp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2Sp_" & Aal2Sp
TECHNOLOGY	VARCHAR2(50)		[TransportNetwork_Aal2Sp] "UMTS"
VERSION	VARCHAR2(50)		[TransportNetwork_Aal2Sp] "R5.1"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Aal2Sp] nEDistinguishedName_MeContext
VENDOR	VARCHAR2(50)		[TransportNetwork_Aal2Sp] "Ericsson"

7.1.4 NC_AAL2PATHVCCTP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL2PATHVCCTP_ID	VARCHAR2(50)		[TransportNetwork_Aal2PathVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2PthVcTp_" & aal2pathvcctp
REGION_ID	VARCHAR2(255)	Y	[TransportNetwork_Aal2PathVccTp] REGION_ID

NETWORK_ID	VARCHAR2(255)	Y	[TransportNetwork_Aal2PathVccTp] NETWORK_ID
MGW_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal2PathVccTp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VERSION	VARCHAR2(255)		[TransportNetwork_Aal2PathVccTp] "R5.1"
AAL2PATHVCCTP_NAME	VARCHAR2(255)		[TransportNetwork_Aal2PathVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2PthVcTp_" & aal2pathvcctp
VENDOR	VARCHAR2(50)		[TransportNetwork_Aal2PathVccTp] "Ericsson"

7.1.5 NC_AAL5_TP_VCC_TP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL5_TP_VCC_TP_ID	VARCHAR2(50)		[TransportNetwork_Aal5TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal5TpVccTp_" & Aal5TpVccTp
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	
NODE_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal5TpVccTp] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal5TpVccTp] NETWORK_ID

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REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Aal5TpVccTp] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
AAL5_TP_VCC_TP_NAME	VARCHAR2(255)		[TransportNetwork_Aal5TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal5TpVccTp_" & Aal5TpVccTp
NODE_TYPE	VARCHAR2(50)		[TransportNetwork_Aal5TpVccTp] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Aal5TpVccTp] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[TransportNetwork_Aal5TpVccTp] "UMTS"
VERSION	VARCHAR2(50)		[TransportNetwork_Aal5TpVccTp] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_Aal5TpVccTp] "Ericsson"

7.1.6 NC_ATM_PORT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_PORT_ID	VARCHAR2(50)		[TransportNetwork_AtmPort] nEDistinguishedName_MeContext &"/"& TransportNetwork & "-AtmPort_" & AtmPort
NODE_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort] REGION_ID
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort] NETWORK_ID
TIMESTAMP	DATE		

ENDSTAMP	DATE		
ATM_PORT_NAME	VARCHAR2(255)		[TransportNetwork_AtmPort] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-AtmPort_" & AtmPort
ATM_PORT_TYPE	VARCHAR2(50)		[TransportNetwork_AtmPort] userLabel
ATM_PORT_VERSION	VARCHAR2(50)		[TransportNetwork_AtmPort] "Populated by customer"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_AtmPort] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(50)		[TransportNetwork_AtmPort] "MGW"
TECHNOLOGY	VARCHAR2(50)		[TransportNetwork_AtmPort] "UMTS"
VENDOR	VARCHAR2(50)		[TransportNetwork_AtmPort] "Ericsson"

7.1.7 NC_ATMTRAFFICDESCRIPTOR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATMTRAFFIC_DESCRIPTOR_ID	VARCHAR2(50)		[TransportNetwork_AtmTrafficDescriptor] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-AtmTrafDesc_" & AtmTrafficDescriptor
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmTrafficDescriptor] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmTrafficDescriptor] REGION_ID
NODE_ID	VARCHAR2(	Y	[TransportNetwork_AtmTrafficDescriptor]

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
	50)		nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATMTRAFFIC_DESCRIPTOR_NAME	VARCHAR2(255)		[TransportNetwork_AtmTrafficDescriptor] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-AtmTrafDesc_" & AtmTrafficDescriptor
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_AtmTrafficDescriptor] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_AtmTrafficDescriptor] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_AtmTrafficDescriptor] "UMTS"
VERSION	VARCHAR2(255)		[TransportNetwork_AtmTrafficDescriptor] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_AtmTrafficDescriptor] "Ericsson"

7.1.8 NC_DCHANNEL_TP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
DCHANNEL_TP_ID	VARCHAR2(50)		[ManagedElement_AccessSignalling_DChannelTp] nEDistinguishedName_MeContext & "/" & ManagedElement & "-" & AccessSignalling & "-DChannel_Tp_" & DChannel_Tp
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_AccessSignalling_DChannelTp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_AccessSignalling_DChannelTp] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
DCHANNEL_TP_NAME	VARCHAR2(		[ManagedElement_AccessSignalling_DCha

	255)		nnelTp] nEDistinguishedName_MeContext & "/" & ManagedElement & "-" & AccessSignalling & "-DChannel_Tp_" & DChannel_Tp
NODE_ID	VARCHAR2(255)		[ManagedElement_AccessSignalling_DCha nnelTp] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(255)		[ManagedElement_AccessSignalling_DCha nnelTp] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_AccessSignalling_DCha nnelTp] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[ManagedElement_AccessSignalling_DCha nnelTp] "UMTS"
VERSION	VARCHAR2(255)		[ManagedElement_AccessSignalling_DCha nnelTp] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_AccessSignalling_DCha nnelTp] "Ericsson"

7.1.9 NC_E1

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
E1_ID	VARCHAR2(50)		[Ess_E1PhysPathTerm] nEDistinguishedName_MeContext &"/"&Equipment&"-"&Subrack&"-"&Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-E1PhyTerm_"&E1PhysPathTerm [Ess_E1Ttp] nEDistinguishedName_MeContext &"/"&Equipment&"-"&Subrack&"-"&Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-"&Os155SpiTtp&"-"&Vc4Ttp&"-"&Vc 12Ttp&"-E1Ttp_"&E1Ttp
MGW_ID	VARCHAR2(	Y	[Ess_E1PhysPathTerm]

Column Name	Data Type		Loader Block/Mapping
	50)		nEDistinguishedName_MeContext [Ess_E1Ttp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Ess_E1PhysPathTerm] REGION_ID [Ess_E1Ttp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Ess_E1PhysPathTerm] NETWORK_ID [Ess_E1Ttp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
E1_NAME	VARCHAR2(255)		[Ess_E1PhysPathTerm] nEDistinguishedName_MeContext &"/"&Equipment&"-"&Subrack&"-"&Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-E1PhyTerm_"&E1PhysPathTerm [Ess_E1Ttp] nEDistinguishedName_MeContext &"/"&Equipment&"-"&Subrack&"-"&Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-"&Os155SpiTtp&"-"&Vc4Ttp&"-"&Vc12Ttp&"-E1Ttp_"&E1Ttp
E1_TYPE	VARCHAR2(255)		[Ess_E1PhysPathTerm] "E1PhysPathTerm" [Ess_E1Ttp] "E1Ttp"
VERSION	VARCHAR2(255)		[Ess_E1PhysPathTerm] "R5.1" [Ess_E1Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_E1PhysPathTerm] "Ericsson"

7.1.10 NC_ECHO_CANCELLATION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ECHO_CANCELLATION_ID	VARCHAR2(50)		[ECRouteParameterSet] nEDistinguishedName_MeContext & "/" & MSProcessing & "-" & RouteParameterGroup & "-EC_" & ECRouteParameterSet

NETWORK_ID	VARCHAR2(255)	Y	[ECRouteParameterSet] NETWORK_ID
MGW_ID	VARCHAR2(50)	Y	[ECRouteParameterSet] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[ECRouteParameterSet] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ECHO_CANCELLATION_NAME	VARCHAR2(255)		[ECRouteParameterSet] nEDistinguishedName_MeContext & "/" & MSProcessing & "-" & RouteParameterGroup & "-EC_" & ECRouteParameterSet
VERSION	VARCHAR2(255)		[ECRouteParameterSet] "R5.1"
VENDOR	VARCHAR2(50)		[ECRouteParameterSet] "Ericsson"

7.1.11 NC_ETHERNET_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ETHERNET_LINK_ID	VARCHAR2(50)		[EthernetLink] nEDistinguishedName_MeContext & "/" & IpOam &"-" & Ip & "-EthLk_" & EthernetLink
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(	Y	[EthernetLink] NETWORK_ID

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Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
	50)		
REGION_ID	VARCHAR2(50)	Y	[EthernetLink] REGION_ID
INTERFACE_ID	VARCHAR2(100)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[EthernetLink] nEDistinguishedName_MeContext
IP_PROTOCOL_LAYER_ID	VARCHAR2(50)		[EthernetLink] nEDistinguishedName_MeContext & "/" & IpOam & "-Ip_" & Ip
ETHERNET_LINK_NAME	VARCHAR2(255)		[EthernetLink] nEDistinguishedName_MeContext & "/" & IpOam &"-" & Ip & "-EthLk_" & EthernetLink
NODE_TYPE	VARCHAR2(50)		[EthernetLink] "MGW"
NODE_NAME	VARCHAR2(255)		[EthernetLink] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[EthernetLink] "UMTS"
VERSION	VARCHAR2(50)		[EthernetLink] "R5.1"
IP_SYSTEM_ID	VARCHAR2(50)		
VENDOR	VARCHAR2(50)		[EthernetLink] "Ericsson"

7.1.12 NC_FAST_ETHERNET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FAST_ETHERNET_ID	VARCHAR2(		[FastEthernet]

	50)		nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"& PlugInUnit&"-"&GeneralProcessorUnit&"-FastEth_"& FastEthernet
NETWORK_ID	VARCHAR2(50)	Y	[FastEthernet] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[FastEthernet] REGION_ID
PLUG_IN_UNIT_ID	VARCHAR2(50)	Y	[FastEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_" & PlugInUnit
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[FastEthernet] nEDistinguishedName_MeContext
FAST_ETHERNET_NAME	VARCHAR2(255)		[FastEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"& PlugInUnit&"-"&GeneralProcessorUnit&"-FastEth_"& FastEthernet
NODE_TYPE	VARCHAR2(255)		[FastEthernet] "MGW"
NODE_NAME	VARCHAR2(255)		[FastEthernet] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[FastEthernet] "UMTS"
VERSION	VARCHAR2(255)		[FastEthernet] "R5.1"
VENDOR	VARCHAR2(50)		[FastEthernet] "Ericsson"

7.1.13 NC_GCP_ASSOCIATION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
GCP_ASSOCIATION_ID	VARCHAR2(50)		[MgwApplication_GcpAssociation] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Gcp_Association_" & Gcp_Association
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication_GcpAssociation] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MgwApplication_GcpAssociation] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
GCP_ASSOCIATION_NAME	VARCHAR2(255)		[MgwApplication_GcpAssociation] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Gcp_Association_" & Gcp_Association
NODE_ID	VARCHAR2(255)		[MgwApplication_GcpAssociation] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(255)		[MgwApplication_GcpAssociation] "MGW"
NODE_NAME	VARCHAR2(255)		[MgwApplication_GcpAssociation] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[MgwApplication_GcpAssociation] "UMTS"
VERSION	VARCHAR2(255)		[MgwApplication_GcpAssociation] "R5.1"
VENDOR	VARCHAR2(50)		[MgwApplication_GcpAssociation] "Ericsson"

7.1.14 NC_GIGABITETHERNET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
GIGABITETHERNET_ID	VARCHAR2(50)		[Ess_GigaBitEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-" &PlugInUnit&"-"&EtMfg&"-GB_"& GigaBitEthernet
PLUG_IN_UNIT_ID	VARCHAR2(50)	Y	[Ess_GigaBitEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"- PIU_"&PlugInUnit
NETWORK_ID	VARCHAR2(50)	Y	[Ess_GigaBitEthernet] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[Ess_GigaBitEthernet] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[Ess_GigaBitEthernet] nEDistinguishedName_MeContext
GIGABITETHERNET_NAME	VARCHAR2(255)		[Ess_GigaBitEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-" &PlugInUnit&"-"&EtMfg&"-GB_"& GigaBitEthernet
TECHNOLOGY	VARCHAR2(50)		[Ess_GigaBitEthernet] "UMTS"
VERSION	VARCHAR2(50)		[Ess_GigaBitEthernet] "R5.1"
NODE_TYPE	VARCHAR2(50)		[Ess_GigaBitEthernet] "MGW"
NODE_NAME	VARCHAR2(255)		[Ess_GigaBitEthernet] nEDistinguishedName_MeContext

Column Name	Data Type		Loader Block/Mapping
VENDOR	VARCHAR2(50)		[Ess_GigaBitEthernet] "Ericsson"

7.1.15 NC_IMA

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IMA_ID	VARCHAR2(50)		[ImaGroup] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-ImaGrp_" & ImaGroup [ImaLink] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & ImaGroup & "-ImaLink_" & ImaLink
MGW_ID	VARCHAR2(50)	Y	[ImaGroup] nEDistinguishedName_MeContext [ImaLink] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[ImaGroup] REGION_ID [ImaLink] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[ImaGroup] NETWORK_ID [ImaLink] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IMA_NAME	VARCHAR2(255)		[ImaGroup] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-ImaGrp_" & ImaGroup [ImaLink] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & ImaGroup & "-ImaLink_" & ImaLink
IMA_TYPE	VARCHAR2(255)		[ImaGroup] "IMA Group" [ImaLink] "IMA Link"
VERSION	VARCHAR2(255)		[ImaGroup] "R5.1" [ImaLink] "R5.1"

| VENDOR | VARCHAR2(50) | | [ImaGroup] "Ericsson" |

7.1.16 NC_INTERACTIVE_MESSAGING

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
INTERACTIVE_MESSAGING_ID	VARCHAR2(50)		[InteractiveMessaging_ImBasicMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImBscMsg_" & ImBasicMessage [InteractiveMessaging_ImMessageComposition] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImMsgComp_" & ImMessageComposition [InteractiveMessaging_ImVariableMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImVrblMsg_" & ImVariableMessage
MGW_ID	VARCHAR2(50)	Y	[InteractiveMessaging_ImBasicMessage] nEDistinguishedName_MeContext [InteractiveMessaging_ImMessageComposition] nEDistinguishedName_MeContext [InteractiveMessaging_ImVariableMessage] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[InteractiveMessaging_ImBasicMessage] REGION_ID [InteractiveMessaging_ImMessageComposition] REGION_ID [InteractiveMessaging_ImVariableMessage] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[InteractiveMessaging_ImBasicMessage] NETWORK_ID [InteractiveMessaging_ImMessageComposition] NETWORK_ID

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
			[InteractiveMessaging_ImVariableMessage] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
INTERACTIVE_MESSAGING_NAME	VARCHAR2(255)		[InteractiveMessaging_ImBasicMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImBscMsg_" & ImBasicMessage [InteractiveMessaging_ImMessageComposition] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImMsgComp_" & ImMessageComposition [InteractiveMessaging_ImVariableMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImVrblMsg_" & ImVariableMessage
INTERACTIVE_MESSAGING_TYPE	VARCHAR2(255)		[InteractiveMessaging_ImBasicMessage] "Basic" [InteractiveMessaging_ImMessageComposition] "Message" [InteractiveMessaging_ImVariableMessage] "Composition"
VERSION	VARCHAR2(255)		[InteractiveMessaging_ImBasicMessage] "R5.1" [InteractiveMessaging_ImMessageComposition] "R5.1" [InteractiveMessaging_ImVariableMessage] "R5.1"
VENDOR	VARCHAR2(50)		[InteractiveMessaging_ImBasicMessage] "Ericsson"

7.1.17 NC_IP_ATM_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IP_ATM_LINK_ID	VARCHAR2(50)		[IpAtmLink] nEDistinguishedName_MeContext & "/" & IpSystem &"-" & Ip & "-IpAtmLk_" &

			IpAtmLink
BSC_ID	VARCHAR2(50)	Y	
INTERFACE_ID	VARCHAR2(100)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[IpAtmLink] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[IpAtmLink] REGION_ID
IP_PROTOCOL_LAYER_ID	VARCHAR2(50)	Y	[IpAtmLink] nEDistinguishedName_MeContext & "/" & IpSystem & "-Ip_" & Ip
BS_ID	VARCHAR2(50)	Y	
IP_SYSTEM	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[IpAtmLink] nEDistinguishedName_MeContext
IP_ATM_LINK_NAME	VARCHAR2(255)		[IpAtmLink] nEDistinguishedName_MeContext & "/" & IpSystem &"-" & Ip & "-IpAtmLk_" & IpAtmLink
NODE_TYPE	VARCHAR2(50)		[IpAtmLink] "MGW"
NODE_NAME	VARCHAR2(255)		[IpAtmLink] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[IpAtmLink] "UMTS"
VERSION	VARCHAR2(255)		[IpAtmLink] "R5.1"

VENDOR	VARCHAR2(50)		[IpAtmLink] "Ericsson"

7.1.18 NC_IP_INTERFACE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
INTERFACE_ID	VARCHAR2(50)		[Ess_IpInterface] nEDistinguishedName_MeContext &"/"&Equipment&"-"&Subrack&"-"&Slot &"-"&PlugInUnit&"-"&EtMfg&"-"&GigaBitEthernet&"-IpIf_"&IpInterface [IpSystem_IpAccessHostEt] nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostEt_"&IpAccessHostEt [IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostGpb_"&IpAccessHostGpb [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] nEDistinguishedName_MeContext &"/"&IpSystem&"-"&UdpHostMainMsb&"-Msb_"&IpAccessUdpHostMsb
NODE_ID	VARCHAR2(50)	Y	[Ess_IpInterface] nEDistinguishedName_MeContext [IpSystem_IpAccessHostEt] nEDistinguishedName_MeContext [IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(50)	Y	[Ess_IpInterface] REGION_ID [IpSystem_IpAccessHostEt] REGION_ID [IpSystem_IpAccessHostGpb] REGION_ID [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] REGION_ID

NETWORK_ID	VARCHAR2(50)	Y	[Ess_IpInterface] NETWORK_ID [IpSystem_IpAccessHostEt] NETWORK_ID [IpSystem_IpAccessHostGpb] NETWORK_ID [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
INTERFACE_NAME	VARCHAR2(255)		[Ess_IpInterface] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&EtMfg&"-"&GigaBitEthernet&"-IpIf_"&IpInterface [IpSystem_IpAccessHostEt] nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostEt_"&IpAccessHostEt [IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostGpb_"&IpAccessHostGpb [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] nEDistinguishedName_MeContext&"/"&IpSystem&"-"&UdpHostMainMsb&"-Msb_"&IpAccessUdpHostMsb
INTERFACE_VERSION	VARCHAR2(50)		[Ess_IpInterface] "R5.1" [IpSystem_IpAccessHostEt] "R5.1" [IpSystem_IpAccessHostGpb] "R5.1" [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] "R5.1"
NODE_NAME	VARCHAR2(255)		[Ess_IpInterface] nEDistinguishedName_MeContext [IpSystem_IpAccessHostEt] nEDistinguishedName_MeContext [IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext

Column Name	Data Type	Time-	Loader Block/Mapping
			[IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(50)		[Ess_IpInterface] "MGW" [IpSystem_IpAccessHostEt] "MGW" [IpSystem_IpAccessHostGpb] "MGW" [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] "MGW"
MIB2_IF_INDEX	VARCHAR2(50)		
MIB2_IF_NAME	VARCHAR2(255)		
MIB2_IF_DESCR	VARCHAR2(128)		
INTERFACE_DUPLEX	VARCHAR2(50)		
MIB2_IF_TYPE	VARCHAR2(50)		
IP_ADDRESS	VARCHAR2(64)		
SUBNET_PREFIX_LENGTH	NUMBER		
MTU	FLOAT		
SPEED	FLOAT		
PHYSICAL_ADDRESS	VARCHAR2(64)		
TECHNOLOGY	VARCHAR2(50)		[Ess_IpInterface] "UMTS" [IpSystem_IpAccessHostEt] "UMTS" [IpSystem_IpAccessHostGpb] "UMTS" [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] "UMTS"
VENDOR	VARCHAR2(50)		[Ess_IpInterface] "Ericsson"

7.1.19 NC_IP_PROTOCOL_LAYER

Column Name	Data Type	Time-	Loader Block/Mapping

		Tracked?	
NC_ID	NUMBER		
IP_PROTOCOL_LAYER_ID	VARCHAR2(50)		[ManagedElement_Ip] nEDistinguishedName_MeContext & "/" & IpOam & "-Ip_" & Ip
NODE_ID	VARCHAR2(50)	Y	[ManagedElement_Ip] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_Ip] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_Ip] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IP_PROTOCOL_LAYER_NAME	VARCHAR2(255)		[ManagedElement_Ip] nEDistinguishedName_MeContext & "/" & IpOam & "-Ip_" & Ip
NODE_TYPE	VARCHAR2(255)		[ManagedElement_Ip] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_Ip] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[ManagedElement_Ip] "UMTS"
VERSION	VARCHAR2(255)		[ManagedElement_Ip] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_Ip] "Ericsson"

7.1.20 NC_IUA_APP_SERVER

Column Name	Data Type	Time-Tracke	Loader Block/Mapping

		d?	
NC_ID	NUMBER		
IUA_APP_SERVER_ID	VARCHAR2(50)		[ManagedElement_AccessSignalling_IuaApplicationServer] nEDistinguishedName_MeContext & "/" & ManagedElement & "-" & AccessSignalling & "-IUA_App_Server_" & IUA_App_Server
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_AccessSignalling_IuaApplicationServer] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_AccessSignalling_IuaApplicationServer] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IUA_APP_SERVER_NAME	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] nEDistinguishedName_MeContext & "/" & ManagedElement & "-" & AccessSignalling & "-IUA_App_Server_" & IUA_App_Server
NODE_ID	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] "UMTS"
VERSION	VARCHAR2(255)		[ManagedElement_AccessSignalling_IuaApplicationServer] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_AccessSignalling_IuaApplicationServer] "Ericsson"

7.1.21 NC_MEDIUM_ACCESS_UNIT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MEDIUM_ACCESS_UNIT_ID	VARCHAR2(50)		[MediumAccessUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"& PlugInUnit&"-"&GeneralProcessorUnit&"-MAU_"& MediumAccessUnit
BSC_ID	VARCHAR2(50)	Y	
PLUG_IN_UNIT_ID	VARCHAR2(50)	Y	[MediumAccessUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_"&PlugInUnit
NETWORK_ID	VARCHAR2(50)	Y	[MediumAccessUnit] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MediumAccessUnit] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(255)		[MediumAccessUnit] nEDistinguishedName_MeContext
MEDIUM_ACCESS_UNIT_NAME	VARCHAR2(255)		[MediumAccessUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"& PlugInUnit&"-"&GeneralProcessorUnit&"-MAU_"& MediumAccessUnit
TECHNOLOGY	VARCHAR2(255)		[MediumAccessUnit] "UMTS"
VERSION	VARCHAR2(255)		[MediumAccessUnit] "R5.1"

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NODE_TYPE	VARCHAR2(255)		[MediumAccessUnit] "MGW"
NODE_NAME	VARCHAR2(255)		[MediumAccessUnit] nEDistinguishedName_MeContext
VENDOR	VARCHAR2(50)		[MediumAccessUnit] "Ericsson"

7.1.22 NC_MGW_RESOURCE_POOL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MGW_RESOURCE_POOL_ID	VARCHAR2(50)		[MsProcessing_AmrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Amr_"&AmrService [MsProcessing_AmrWbService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-AmrWbService_"&AmrWbService [MsProcessing_ContinuityCheckService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-ContinuityCheck_"&ContinuityCheckService [MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService [MsProcessing_CsdGsmFaxService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFax_"&CsdGsmFaxService [MsProcessing_CsdGsmFhService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFh_"&CsdGsmFhService [MsProcessing_CsdModemService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdModem_"&CsdModemService [MsProcessing_DtmfReceiverService] nEDistinguishedName_MeContext & "/" &

			MsProcessing&"-DtmfReceiver_"&DtmfReceiverService [MsProcessing_DtmfSenderService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-DtmfSender_"&DtmfSenderService [MsProcessing_EcService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ec_"&EcService [MsProcessing_EfrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Efr_"&EfrService [MsProcessing_G729Service] nEDistinguishedName_MeContext & "/" & MsProcessing&"-G729Service_"&G729Service [MsProcessing_GttService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Gtt_"&GttService [MsProcessing_ImService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Im_"&ImService [MsProcessing_InmarsatService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-Inmarsat_" & InmarsatService [MsProcessing_IpEtService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-IpEtService_"&IpEtService [MsProcessing_IpbService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ipb_"&IpbService [MsProcessing_JitterHandlingService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-JitterHandling_"&JitterHandlingService [MsProcessing_MccService] nEDistinguishedName_MeContext& "/"&MsProcessing&"-Mcc_"&MccService [MsProcessing_MpcService]

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			nEDistinguishedName_MeContext&"/"&MsProcessing&"-Mpc_"&MpcService [MsProcessing_NrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Nr_"&NrService [MsProcessing_PcmService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-PcmService_"&PcmService [MsProcessing_TfoService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Tfo_"&TfoService [MsProcessing_ToneSenderService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-ToneSender_"&ToneSenderService [MsProcessing_UpFhService] nEDistinguishedName_MeContext&"/"&MsProcessing&"-UpFh_"&UpFhService
MGW_ID	VARCHAR2(50)	Y	[MsProcessing_AmrService] nEDistinguishedName_MeContext [MsProcessing_AmrWbService] nEDistinguishedName_MeContext [MsProcessing_ContinuityCheckService] nEDistinguishedName_MeContext [MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext [MsProcessing_CsdGsmFaxService] nEDistinguishedName_MeContext [MsProcessing_CsdGsmFhService] nEDistinguishedName_MeContext [MsProcessing_CsdModemService] nEDistinguishedName_MeContext [MsProcessing_DtmfReceiverService] nEDistinguishedName_MeContext [MsProcessing_DtmfSenderService] nEDistinguishedName_MeContext [MsProcessing_EcService] nEDistinguishedName_MeContext [MsProcessing_EfrService] nEDistinguishedName_MeContext [MsProcessing_G729Service] nEDistinguishedName_MeContext [MsProcessing_GttService] nEDistinguishedName_MeContext

			[MsProcessing_ImService] nEDistinguishedName_MeContext [MsProcessing_InmarsatService] nEDistinguishedName_MeContext [MsProcessing_IpEtService] nEDistinguishedName_MeContext [MsProcessing_IpbService] nEDistinguishedName_MeContext [MsProcessing_JitterHandlingService] nEDistinguishedName_MeContext [MsProcessing_MccService] nEDistinguishedName_MeContext [MsProcessing_MpcService] nEDistinguishedName_MeContext [MsProcessing_NrService] nEDistinguishedName_MeContext [MsProcessing_PcmService] nEDistinguishedName_MeContext [MsProcessing_TfoService] nEDistinguishedName_MeContext [MsProcessing_ToneSenderService] nEDistinguishedName_MeContext [MsProcessing_UpFhService] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[MsProcessing_AmrService] REGION_ID [MsProcessing_AmrWbService] REGION_ID [MsProcessing_ContinuityCheckService] REGION_ID [MsProcessing_CsdDigitalService] REGION_ID [MsProcessing_CsdGsmFaxService] REGION_ID [MsProcessing_CsdGsmFhService] REGION_ID [MsProcessing_CsdModemService] REGION_ID [MsProcessing_DtmfReceiverService] REGION_ID [MsProcessing_DtmfSenderService]

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			REGION_ID [MsProcessing_EcService] REGION_ID [MsProcessing_EfrService] REGION_ID [MsProcessing_G729Service] REGION_ID [MsProcessing_GttService] REGION_ID [MsProcessing_ImService] REGION_ID [MsProcessing_InmarsatService] REGION_ID [MsProcessing_IpEtService] REGION_ID [MsProcessing_IpbService] REGION_ID [MsProcessing_JitterHandlingService] REGION_ID [MsProcessing_MccService] REGION_ID [MsProcessing_MpcService] REGION_ID [MsProcessing_NrService] REGION_ID [MsProcessing_PcmService] REGION_ID [MsProcessing_TfoService] REGION_ID [MsProcessing_ToneSenderService] REGION_ID [MsProcessing_UpFhService] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[MsProcessing_AmrService] NETWORK_ID [MsProcessing_AmrWbService] NETWORK_ID [MsProcessing_ContinuityCheckService] NETWORK_ID [MsProcessing_CsdDigitalService] NETWORK_ID [MsProcessing_CsdGsmFaxService] NETWORK_ID [MsProcessing_CsdGsmFhService] NETWORK_ID [MsProcessing_CsdModemService] NETWORK_ID [MsProcessing_DtmfReceiverService] NETWORK_ID [MsProcessing_DtmfSenderService] NETWORK_ID [MsProcessing_EcService] NETWORK_ID [MsProcessing_EfrService] NETWORK_ID [MsProcessing_G729Service] NETWORK_ID [MsProcessing_GttService] NETWORK_ID [MsProcessing_ImService] NETWORK_ID [MsProcessing_InmarsatService]

			NETWORK_ID [MsProcessing_IpEtService] NETWORK_ID [MsProcessing_IpbService] NETWORK_ID [MsProcessing_JitterHandlingService] NETWORK_ID [MsProcessing_MccService] NETWORK_ID [MsProcessing_MpcService] NETWORK_ID [MsProcessing_NrService] NETWORK_ID [MsProcessing_PcmService] NETWORK_ID [MsProcessing_TfoService] NETWORK_ID [MsProcessing_ToneSenderService] NETWORK_ID [MsProcessing_UpFhService] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MGW_RESOURCE_POOL_NAME	VARCHAR2(255)		[MsProcessing_AmrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Amr_"&AmrService [MsProcessing_AmrWbService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-AmrWbService_"&AmrWbService [MsProcessing_ContinuityCheckService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-ContinuityCheck_"&ContinuityCheckService [MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService [MsProcessing_CsdGsmFaxService] nEDistinguishedName_MeContext & "/" &

			MsProcessing&"-CsdGsmFax_"&CsdGsmFaxService [MsProcessing_CsdGsmFhService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFh_"&CsdGsmFhService [MsProcessing_CsdModemService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdModem_"&CsdModemService [MsProcessing_DtmfReceiverService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-DtmfReceiver_"&DtmfReceiverService [MsProcessing_DtmfSenderService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-DtmfSender_"&DtmfSenderService [MsProcessing_EcService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ec_"&EcService [MsProcessing_EfrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Efr_"&EfrService [MsProcessing_G729Service] nEDistinguishedName_MeContext & "/" & MsProcessing&"-G729Service_"&G729Service [MsProcessing_GttService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Gtt_"&GttService [MsProcessing_ImService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Im_"&ImService [MsProcessing_InmarsatService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-Inmarsat_" & InmarsatService [MsProcessing_IpEtService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-IpEtService_"&IpEtService [MsProcessing_IpbService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ipb_"&IpbService [MsProcessing_JitterHandlingService]

			nEDistinguishedName_MeContext & "/" & MsProcessing&"-JitterHandling_"&JitterHandlingService [MsProcessing_MccService] nEDistinguishedName_MeContext& "/"&MsProcessing&"-Mcc_"&MccService [MsProcessing_MpcService] nEDistinguishedName_MeContext&"/"&M sProcessing&"-Mpc_"&MpcService [MsProcessing_NrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Nr_"&NrService [MsProcessing_PcmService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-PcmService_"&PcmService [MsProcessing_TfoService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Tfo_"&TfoService [MsProcessing_ToneSenderService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-ToneSender_"&ToneSenderService [MsProcessing_UpFhService] nEDistinguishedName_MeContext&"/"&M sProcessing&"-UpFh_"&UpFhService
MGW_RESOURCE_POOL_ TYPE	VARCHAR2(255)		[MsProcessing_AmrService] "AmrService" [MsProcessing_AmrWbService] "AmrWbService" [MsProcessing_ContinuityCheckService] "ContinuityCheckService" [MsProcessing_CsdDigitalService] "CsdDigitalService" [MsProcessing_CsdGsmFaxService] "CsdGsmFaxService" [MsProcessing_CsdGsmFhService] "CsdGsmFhService" [MsProcessing_CsdModemService] "CsdModemService" [MsProcessing_DtmfReceiverService]

			"DtmfReceiverService" [MsProcessing_DtmfSenderService] "DtmfSenderService" [MsProcessing_EcService] "EcService" [MsProcessing_EfrService] "EfrService" [MsProcessing_G729Service] "G729Service" [MsProcessing_GttService] "GttService" [MsProcessing_ImService] "ImService" [MsProcessing_InmarsatService] "InmarSatService" [MsProcessing_IpEtService] "IpEtService" [MsProcessing_IpbService] "IpbService" [MsProcessing_JitterHandlingService] "JitterHandlingService" [MsProcessing_MccService] "MccService" [MsProcessing_MpcService] "MpcService" [MsProcessing_NrService] "NrService" [MsProcessing_PcmService] "PcmService" [MsProcessing_TfoService] "TfoService" [MsProcessing_ToneSenderService] "ToneSenderService" [MsProcessing_UpFhService] "UpFhService"
VERSION	VARCHAR2(255)		[MsProcessing_AmrService] "R5.1" [MsProcessing_AmrWbService] "R5.1" [MsProcessing_ContinuityCheckService] "R5.1" [MsProcessing_CsdDigitalService] "R5.1" [MsProcessing_CsdGsmFaxService] "R5.1" [MsProcessing_CsdGsmFhService] "R5.1" [MsProcessing_CsdModemService] "R5.1" [MsProcessing_DtmfReceiverService] "R5.1" [MsProcessing_DtmfSenderService] "R5.1" [MsProcessing_EcService] "R5.1" [MsProcessing_EfrService] "R5.1" [MsProcessing_G729Service] "R5.1" [MsProcessing_GttService] "R5.1" [MsProcessing_ImService] "R5.1" [MsProcessing_InmarsatService] "R5.1" [MsProcessing_IpEtService] "R5.1" [MsProcessing_IpbService] "R5.1" [MsProcessing_JitterHandlingService] "R5.1"

			[MsProcessing_MccService] "R5.1" [MsProcessing_MpcService] "R5.1" [MsProcessing_NrService] "R5.1" [MsProcessing_PcmService] "R5.1" [MsProcessing_TfoService] "R5.1" [MsProcessing_ToneSenderService] "R5.1" [MsProcessing_UpFhService] "R5.1"
VENDOR	VARCHAR2(50)		[MsProcessing_AmrService] "Ericsson"

7.1.23 NC_MGW

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MGW_ID	VARCHAR2(50)		[MgwApplication] nEDistinguishedName_MeContext [MgwApplication_Aggregated] nEDistinguishedName_MeContext [Mgw_Aggregated_Ansi] nEDistinguishedName_MeContext [Mgw_Aggregated_China] nEDistinguishedName_MeContext [Mgw_Aggregated_Itu] nEDistinguishedName_MeContext [Mgw_Aggregated_Ttc] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication] NETWORK_ID [MgwApplication_Aggregated] NETWORK_ID [Mgw_Aggregated_Ansi] NETWORK_ID [Mgw_Aggregated_China] NETWORK_ID [Mgw_Aggregated_Itu] NETWORK_ID [Mgw_Aggregated_Ttc] NETWORK_ID
REGION_ID	VARCHAR2(	Y	[MgwApplication] REGION_ID

	50)		[MgwApplication_Aggregated] REGION_ID [Mgw_Aggregated_Ansi] REGION_ID [Mgw_Aggregated_China] REGION_ID [Mgw_Aggregated_Itu] REGION_ID [Mgw_Aggregated_Ttc] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MGW_NAME	VARCHAR2(255)		[MgwApplication] nEDistinguishedName_MeContext [MgwApplication_Aggregated] nEDistinguishedName_MeContext [Mgw_Aggregated_Ansi] nEDistinguishedName_MeContext [Mgw_Aggregated_China] nEDistinguishedName_MeContext [Mgw_Aggregated_Itu] nEDistinguishedName_MeContext [Mgw_Aggregated_Ttc] nEDistinguishedName_MeContext
MGW_TYPE	VARCHAR2(50)		[MgwApplication] "Populated by customer" [MgwApplication_Aggregated] "Populated by customer" [Mgw_Aggregated_Ansi] "Populated by customer" [Mgw_Aggregated_China] "Populated by customer" [Mgw_Aggregated_Itu] "Populated by customer" [Mgw_Aggregated_Ttc] "Populated by customer"
MGW_VERSION	VARCHAR2(50)		[MgwApplication] "R5.1" [MgwApplication_Aggregated] "R5.1" [Mgw_Aggregated_Ansi] "R5.1" [Mgw_Aggregated_China] "R5.1" [Mgw_Aggregated_Itu] "R5.1" [Mgw_Aggregated_Ttc] "R5.1"
TECHNOLOGY	VARCHAR2(50)		[MgwApplication] "UMTS" [MgwApplication_Aggregated] "UMTS" [Mgw_Aggregated_Ansi] "UMTS" [Mgw_Aggregated_China] "UMTS"

			[Mgw_Aggregated_Itu] "UMTS" [Mgw_Aggregated_Ttc] "UMTS"
VENDOR	VARCHAR2(50)		[MgwApplication] "Ericsson"

7.1.24 NC_MS_DEVICE_POOL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MS_DEVICE_POOL_ID	VARCHAR2(50)		[MsProcessing_MsDevicePool] nEDistinguishedName_MeContext & "/" & MSProcessing & "-MSDPool_" & MsDevicePool
MGW_ID	VARCHAR2(50)	Y	[MsProcessing_MsDevicePool] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[MsProcessing_MsDevicePool] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MsProcessing_MsDevicePool] REGION_ID
MS_PROCESSING_ID	VARCHAR2(50)	Y	[MsProcessing_MsDevicePool] nEDistinguishedName_MeContext & "/" & MSProcessing
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MS_DEVICE_POOL_NAME	VARCHAR2(255)		[MsProcessing_MsDevicePool] nEDistinguishedName_MeContext & "/" & MSProcessing & "-MSDPool_" & MsDevicePool
TECHNOLOGY	VARCHAR2(255)		[MsProcessing_MsDevicePool] "UMTS"
VERSION	VARCHAR2(		[MsProcessing_MsDevicePool] "R5.1"

Column Name	Data Type		Loader Block/Mapping
	255)		
VENDOR	VARCHAR2(50)		[MsProcessing_MsDevicePool] "Ericsson"

7.1.25 NC_MS_DEVICEGROUP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MS_DEVICE_GROUP_ID	VARCHAR2(50)		[MsDeviceGroup] nEDistinguishedName_MeContext & "/" & Equipment&"-" & Subrack&"-" & Slot&"-" & PlugInUnit&"-" & "-MSDvcGrp_"& MsDeviceGroup
NETWORK_ID	VARCHAR2(50)	Y	[MsDeviceGroup] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MsDeviceGroup] REGION_ID
PLUG_IN_UNIT_ID	VARCHAR2(50)	Y	[MsDeviceGroup] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_" & PlugInUnit
NODE_ID	VARCHAR2(50)	Y	[MsDeviceGroup] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(50)	Y	[MsDeviceGroup] "MGW"
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MS_DEVICE_GROUP_NAME	VARCHAR2(255)		[MsDeviceGroup] nEDistinguishedName_MeContext & "/" & Equipment&"-" & Subrack&"-" & Slot&"-" & PlugInUnit&"-" & "-MSDvcGrp_"& MsDeviceGroup
NODE_NAME	VARCHAR2(255)		[MsDeviceGroup] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(		[MsDeviceGroup] "UMTS"

	VARCHAR2(255)		
VERSION	VARCHAR2(255)		[MsDeviceGroup] "R5.1"
VENDOR	VARCHAR2(50)		[MsDeviceGroup] "Ericsson"

7.1.26 NC_MS_PROCESSING

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MS_PROCESSING_ID	VARCHAR2(50)		[ManagedElement_MsProcessing] nEDistinguishedName_MeContext & "/" & MsProcessing
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_MsProcessing] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_MsProcessing] REGION_ID
MGW_ID	VARCHAR2(50)	Y	[ManagedElement_MsProcessing] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MS_PROCESSING_NAME	VARCHAR2(255)		[ManagedElement_MsProcessing] nEDistinguishedName_MeContext & "/" & MsProcessing
TECHNOLOGY	VARCHAR2(255)		[ManagedElement_MsProcessing] "UMTS"
VERSION	VARCHAR2(255)		[ManagedElement_MsProcessing] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_MsProcessing] "Ericsson"

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7.1.27 NC_MTP3B_AP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3B_AP_ID	VARCHAR2(50)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-Mtp3bAp_" & Mtp3bAp
SIGNALLING_POINT_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc
BSC_ID	VARCHAR2(50)	Y	

NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] NETWORK_ID [TransportNetwork_Mtp3bSpChina_Mtp3bAp] NETWORK_ID [TransportNetwork_Mtp3bSpItu_Mtp3bAp] NETWORK_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] REGION_ID [TransportNetwork_Mtp3bSpChina_Mtp3bAp] REGION_ID [TransportNetwork_Mtp3bSpItu_Mtp3bAp] REGION_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] REGION_ID
NODE_ID	VARCHAR2(255)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3B_AP_NAME	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext & "/" &

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			TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-Mtp3bAp_" & Mtp3bAp
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] "MGW" [TransportNetwork_Mtp3bSpChina_Mtp3bAp] "MGW" [TransportNetwork_Mtp3bSpItu_Mtp3bAp] "MGW" [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] "UMTS" [TransportNetwork_Mtp3bSpChina_Mtp3bAp] "UMTS" [TransportNetwork_Mtp3bSpItu_Mtp3bAp] "UMTS" [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] "UMTS"
VERSION	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] "R5.1" [TransportNetwork_Mtp3bSpChina_Mtp3bAp] "R5.1" [TransportNetwork_Mtp3bSpItu_Mtp3bAp] "R5.1" [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] "Ericsson"

7.1.28 NC_MTP3B_SR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3B_SR_ID	VARCHAR2(100)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr
BSC_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] NETWORK_ID [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] NETWORK_ID [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] NETWORK_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs

			_Mtp3bSr] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] REGION_ID [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] REGION_ID [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] REGION_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] REGION_ID
NODE_ID	VARCHAR2(255)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext
MTP3B_SP_ID	VARCHAR2(50)	Y	[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc
MTP3B_SRS_ID	VARCHAR2(50)	Y	

TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3B_SR_NAME	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] "MGW" [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] "MGW" [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] "MGW" [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3b

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Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
			Srs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] "UMTS" [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] "UMTS" [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] "UMTS" [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] "UMTS"
VERSION	VARCHAR2(255)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] "R5.1" [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] "R5.1" [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] "R5.1" [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] "Ericsson"

7.1.29 NC_NETWORK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NETWORK_ID	VARCHAR2(50)		[MgwApplication] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NETWORK_TYPE	VARCHAR2(50)		[MgwApplication] "Populated by customer"

DEFAULT_LINK_SPEED	FLOAT		
NETWORK_NAME	VARCHAR2(255)		[MgwApplication] "Populated by customer"
VENDOR	VARCHAR2(50)		[MgwApplication] "Ericsson"

7.1.30 NC_NNI_SAAL_TP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NNI_SAAL_TP_ID	VARCHAR2(50)		[TransportNetwork_NniSaalTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-NniTp_" & NniSaalTp
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_NniSaalTp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_NniSaalTp] REGION_ID
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NODE_ID	VARCHAR2(255)	Y	[TransportNetwork_NniSaalTp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NNI_SAAL_TP_NAME	VARCHAR2(255)		[TransportNetwork_NniSaalTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-NniTp_" & NniSaalTp

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Column Name	Data Type		Loader Block/Mapping
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_NniSaalTp] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_NniSaalTp] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_NniSaalTp] "UMTS"
VERSION	VARCHAR2(255)		[TransportNetwork_NniSaalTp] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_NniSaalTp] "Ericsson"

7.1.31 NC_OS155

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
OS155_ID	VARCHAR2(50)		[Ess_Os155SpiTtp] nEDistinguishedName_MeContext & "/" &Equipment &"-"&Subrack &"-" & Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-Os155Tp_"&Os155SpiTtp
MGW_ID	VARCHAR2(50)	Y	[Ess_Os155SpiTtp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Ess_Os155SpiTtp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Ess_Os155SpiTtp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
OS155_NAME	VARCHAR2(255)		[Ess_Os155SpiTtp] nEDistinguishedName_MeContext & "/" &Equipment &"-"&Subrack &"-" & Slot &"-"&PlugInUnit&"-"&ExchangeTerminal &"-Os155Tp_"&Os155SpiTtp
VERSION	VARCHAR2(255)		[Ess_Os155SpiTtp] "R5.1"

VENDOR	VARCHAR2(50)		[Ess_Os155SpiTtp] "Ericsson"

7.1.32 NC_OSPF_AREA

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
OSPF_AREA_ID	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_Ar_" & OSPFArea
OSPF_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext & "/" & IpSystem & "-OSPF_" & OSPF
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfArea] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfArea] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext
OSPF_AREA_NAME	VARCHAR2(255)		[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_Ar_" & OSPFArea
NODE_TYPE	VARCHAR2(		[ManagedElement_IpSystem_Ospf_OspfAr

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Column Name	Data Type		Loader Block/Mapping
	50)		ea] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfArea] "UMTS"
VERSION	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfArea] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfArea] "Ericsson"

7.1.33 NC_OSPF_INTERFACE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
OSPF_INTERFACE_ID	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfInterface] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_If_" & OspfInterface
OSPF_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfInterface] nEDistinguishedName_MeContext & "/" & IpSystem & "-OSPF_" & OSPF
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfInterface] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfInterface] REGION_ID
NODE_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf_OspfInterface] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
OSPF_INTERFACE_NAME	VARCHAR2(		[ManagedElement_IpSystem_Ospf_OspfIn

			terface] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_If_" & OspfInterface
NODE_TYPE	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfInterface] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_IpSystem_Ospf_OspfInterface] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfInterface] "UMTS"
VERSION	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfInterface] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf_OspfInterface] "Ericsson"

7.1.34 NC_OSPF

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
OSPF_ID	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf] nEDistinguishedName_MeContext & "/" & IpSystem & "-OSPF_" & OSPF
BSC_ID	VARCHAR2(50)	Y	
BS_ID	VARCHAR2(50)	Y	
NODE_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf] nEDistinguishedName_MeContext
NETWORK_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[ManagedElement_IpSystem_Ospf] REGION_ID

TIMESTAMP	DATE		
ENDSTAMP	DATE		
OSPF_NAME	VARCHAR2(255)		[ManagedElement_IpSystem_Ospf] nEDistinguishedName_MeContext & "/" & IpSystem & "-OSPF_" & OSPF
NODE_TYPE	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf] "MGW"
NODE_NAME	VARCHAR2(255)		[ManagedElement_IpSystem_Ospf] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf] "UMTS"
VERSION	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf] "R5.1"
VENDOR	VARCHAR2(50)		[ManagedElement_IpSystem_Ospf] "Ericsson"

7.1.35 NC_PLUG_IN_UNIT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
PLUG_IN_UNIT_ID	VARCHAR2(50)		[Ess_PlugInUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_"&PlugInUnit
BSC_ID	VARCHAR2(50)	Y	
NETWORK_ID	VARCHAR2(50)	Y	[Ess_PlugInUnit] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[Ess_PlugInUnit] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(50)		[Ess_PlugInUnit] nEDistinguishedName_MeContext

PLUG_IN_UNIT_NAME	VARCHAR2(255)		[Ess_PlugInUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_"&PlugInUnit
NODE_TYPE	VARCHAR2(50)		[Ess_PlugInUnit] "MGW"
NODE_NAME	VARCHAR2(255)		[Ess_PlugInUnit] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(50)		[Ess_PlugInUnit] "UMTS"
VERSION	VARCHAR2(50)		[Ess_PlugInUnit] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_PlugInUnit] "Ericsson"

7.1.36 NC_REGION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
REGION_ID	VARCHAR2(50)		[MgwApplication] REGION_ID
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
REGION_NAME	VARCHAR2(255)		[MgwApplication] "Populated by customer"
VENDOR	VARCHAR2(50)		[MgwApplication] "Ericsson"

7.1.37 NC_REMOTESITE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
REMOTESITE_ID	VARCHAR2(50)		[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-" & IpNetwork & "-Remote_" & RemoteSite
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication_IpNetwork_RemoteSite] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MgwApplication_IpNetwork_RemoteSite] REGION_ID
NODE_ID	VARCHAR2(50)	Y	[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
REMOTESITE_NAME	VARCHAR2(255)		[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-" & IpNetwork & "-Remote_" & RemoteSite
NODE_TYPE	VARCHAR2(255)		[MgwApplication_IpNetwork_RemoteSite] "MGW"
NODE_NAME	VARCHAR2(255)		[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[MgwApplication_IpNetwork_RemoteSite] "UMTS"
VERSION	VARCHAR2(255)		[MgwApplication_IpNetwork_RemoteSite] "R5.1"
VENDOR	VARCHAR2(50)		[MgwApplication_IpNetwork_RemoteSite] "Ericsson"

7.1.38 NC_SIGTRAN

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
SIGTRAN_ID	VARCHAR2(100)		[IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext&"/"& IpSystem & "-IpAccessHostGpb_" &IpAccessHostGpb [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpAnsi_"&Mtp3bSpAnsi [TransportNetwork_Mtp3bSpAnsi_M3uAss ociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"- Mtp3bSpAnsi_"& Mtp3bSpAnsi &"- M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpChina_"&Mtp3bSpChina [TransportNetwork_Mtp3bSpChina_M3uAs sociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpChina_"& Mtp3bSpChina &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpItu_"&Mtp3bSpItu [TransportNetwork_Mtp3bSpItu_M3uAssoc iation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"- Mtp3bSpItu_"& Mtp3bSpItu &"- M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc [TransportNetwork_Mtp3bSpTtc_M3uAsso ciation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-

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			Mtp3bSpTtc_"& Mtp3bSpTtc &"-M3uAsso_"& M3uAssociation [TransportNetwork_Sctp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-SCTP_"&SCTP
MGW_ID	VARCHAR2(50)	Y	[IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi_M3uAssociation] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_M3uAssociation] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu_M3uAssociation] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_M3uAssociation] nEDistinguishedName_MeContext [TransportNetwork_Sctp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[IpSystem_IpAccessHostGpb] REGION_ID [TransportNetwork_Mtp3bSpAnsi] REGION_ID [TransportNetwork_Mtp3bSpAnsi_M3uAssociation] REGION_ID [TransportNetwork_Mtp3bSpChina] REGION_ID [TransportNetwork_Mtp3bSpChina_M3uAssociation] REGION_ID [TransportNetwork_Mtp3bSpItu] REGION_ID [TransportNetwork_Mtp3bSpItu_M3uAssociation] REGION_ID [TransportNetwork_Mtp3bSpTtc] REGION_ID [TransportNetwork_Mtp3bSpTtc_M3uAssociation] REGION_ID [TransportNetwork_Sctp] REGION_ID

NETWORK_ID	VARCHAR2(255)	Y	[IpSystem_IpAccessHostGpb] NETWORK_ID [TransportNetwork_Mtp3bSpAnsi] NETWORK_ID [TransportNetwork_Mtp3bSpAnsi_M3uAssociation] NETWORK_ID [TransportNetwork_Mtp3bSpChina] NETWORK_ID [TransportNetwork_Mtp3bSpChina_M3uAssociation] NETWORK_ID [TransportNetwork_Mtp3bSpItu] NETWORK_ID [TransportNetwork_Mtp3bSpItu_M3uAssociation] NETWORK_ID [TransportNetwork_Mtp3bSpTtc] NETWORK_ID [TransportNetwork_Mtp3bSpTtc_M3uAssociation] NETWORK_ID [TransportNetwork_Sctp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SIGTRAN_NAME	VARCHAR2(255)		[IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext&"/"& IpSystem & "-IpAccessHostGpb_" &IpAccessHostGpb [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi [TransportNetwork_Mtp3bSpAnsi_M3uAssociation] nEDistinguishedName_MeContext&"/"& TransportNetwork &"-Mtp3bSpAnsi_"& Mtp3bSpAnsi &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpChina_"&Mtp3bSpChina [TransportNetwork_Mtp3bSpChina_M3uAs

			sociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpChina_"& Mtp3bSpChina &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpItu_"&Mtp3bSpItu [TransportNetwork_Mtp3bSpItu_M3uAssoc iation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"- Mtp3bSpItu_"& Mtp3bSpItu &"- M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc [TransportNetwork_Mtp3bSpTtc_M3uAsso ciation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"- Mtp3bSpTtc_"& Mtp3bSpTtc &"- M3uAsso_"& M3uAssociation [TransportNetwork_Sctp] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"-SCTP_"&SCTP
SIGTRAN_TYPE	VARCHAR2(255)		[IpSystem_IpAccessHostGpb] nEDistinguishedName_MeContext&"/"& IpSystem & "-IpAccessHostGpb_" &IpAccessHostGpb [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpAnsi_"&Mtp3bSpAnsi [TransportNetwork_Mtp3bSpAnsi_M3uAss ociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"- Mtp3bSpAnsi_"& Mtp3bSpAnsi &"- M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpChina_"&Mtp3bSpChina [TransportNetwork_Mtp3bSpChina_M3uAs sociation]

			nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpChina_"& Mtp3bSpChina &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu [TransportNetwork_Mtp3bSpItu_M3uAssociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpItu_"& Mtp3bSpItu &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpTtc_"&Mtp3bSpTtc [TransportNetwork_Mtp3bSpTtc_M3uAssociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpTtc_"& Mtp3bSpTtc &"-M3uAsso_"& M3uAssociation [TransportNetwork_Sctp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-SCTP_"&SCTP
VERSION	VARCHAR2(255)		[IpSystem_IpAccessHostGpb] "R5.1" [TransportNetwork_Mtp3bSpAnsi] "R5.1" [TransportNetwork_Mtp3bSpAnsi_M3uAssociation] "R5.1" [TransportNetwork_Mtp3bSpChina] "R5.1" [TransportNetwork_Mtp3bSpChina_M3uAssociation] "R5.1" [TransportNetwork_Mtp3bSpItu] "R5.1" [TransportNetwork_Mtp3bSpItu_M3uAssociation] "R5.1" [TransportNetwork_Mtp3bSpTtc] "R5.1" [TransportNetwork_Mtp3bSpTtc_M3uAssociation] "R5.1" [TransportNetwork_Sctp] "R5.1"
VENDOR	VARCHAR2(		[IpSystem_IpAccessHostGpb] "Ericsson"

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	50)		

7.1.39 NC_SS7_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SS7_POINT_ID	VARCHAR2(50)		[Mtp3bSpItu_Sl_Aggregated] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu [Mtp3bSpItu_Srs_Aggregated] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu [SccpAccountingCriteria] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-"&SccpScrc&"-SccpAccCr_"&SccpAccountingCriteria [SccpPolicing] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-"&SccpScrc&"-SccpPolicing_"&SccpPolicing [SccpScrc] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-SccpScrc_"&SccpScrc [SccpSp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-SccpSp_"&SccpSp [TransportNetwork_Mtp2TpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpAnsi_"& Mtp2TpAnsi [TransportNetwork_Mtp2TpChina] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpChina_"& Mtp2TpChina [TransportNetwork_Mtp2TpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpItu_"& Mtp2TpItu

			[TransportNetwork_Mtp2TpTtc] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpTtc_"& Mtp2TpTtc
			[TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_" & Mtp3bSpAnsi
			[TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi&"-Mtp3bSls_"&Mtp3bSls
			[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi&"-Mtp3bSrs_"&Mtp3bSrs
			[TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpChina_"& Mtp3bSpChina
			[TransportNetwork_Mtp3bSpChina_Mtp3bSls] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpChina_"&Mtp3bSpChina&"-Mtp3bSls_"&Mtp3bSls
			[TransportNetwork_Mtp3bSpChina_Mtp3bSrs] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpChina_"&Mtp3bSpChina&"-Mtp3bSrs_"&Mtp3bSrs
			[TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"& Mtp3bSpItu
			[TransportNetwork_Mtp3bSpTtc]

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			nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"-Mtp3bSpTtc_"& Mtp3bSpTtc [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc&"- Mtp3bSls_"&Mtp3bSls [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc&"- Mtp3bSrs_"&Mtp3bSrs
NODE_ID	VARCHAR2(50)	Y	[Mtp3bSpItu_Sl_Aggregated] nEDistinguishedName_MeContext [Mtp3bSpItu_Srs_Aggregated] nEDistinguishedName_MeContext [SccpAccountingCriteria] nEDistinguishedName_MeContext [SccpPolicing] nEDistinguishedName_MeContext [SccpScrc] nEDistinguishedName_MeContext [SccpSp] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpAnsi] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpChina] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpItu] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpTtc] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi_Mtp3bSl s] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi_Mtp3bS rs] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3b Sls] nEDistinguishedName_MeContext

			[TransportNetwork_Mtp3bSpChina_Mtp3b Srs] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(50)	Y	[Mtp3bSpItu_Sl_Aggregated] REGION_ID [Mtp3bSpItu_Srs_Aggregated] REGION_ID [SccpAccountingCriteria] REGION_ID [SccpPolicing] REGION_ID [SccpScrc] REGION_ID [SccpSp] REGION_ID [TransportNetwork_Mtp2TpAnsi] REGION_ID [TransportNetwork_Mtp2TpChina] REGION_ID [TransportNetwork_Mtp2TpItu] REGION_ID [TransportNetwork_Mtp2TpTtc] REGION_ID [TransportNetwork_Mtp3bSpAnsi] REGION_ID [TransportNetwork_Mtp3bSpAnsi_Mtp3bSl s] REGION_ID [TransportNetwork_Mtp3bSpAnsi_Mtp3bS rs] REGION_ID [TransportNetwork_Mtp3bSpChina] REGION_ID [TransportNetwork_Mtp3bSpChina_Mtp3b Sls] REGION_ID [TransportNetwork_Mtp3bSpChina_Mtp3b Srs] REGION_ID [TransportNetwork_Mtp3bSpItu] REGION_ID [TransportNetwork_Mtp3bSpTtc]

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			REGION_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] REGION_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] REGION_ID
NETWORK_ID	VARCHAR2(50)	Y	[Mtp3bSpItu_Sl_Aggregated] NETWORK_ID [Mtp3bSpItu_Srs_Aggregated] NETWORK_ID [SccpAccountingCriteria] NETWORK_ID [SccpPolicing] NETWORK_ID [SccpScrc] NETWORK_ID [SccpSp] NETWORK_ID [TransportNetwork_Mtp2TpAnsi] NETWORK_ID [TransportNetwork_Mtp2TpChina] NETWORK_ID [TransportNetwork_Mtp2TpItu] NETWORK_ID [TransportNetwork_Mtp2TpTtc] NETWORK_ID [TransportNetwork_Mtp3bSpAnsi] NETWORK_ID [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] NETWORK_ID [TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] NETWORK_ID [TransportNetwork_Mtp3bSpChina] NETWORK_ID [TransportNetwork_Mtp3bSpChina_Mtp3bSls] NETWORK_ID [TransportNetwork_Mtp3bSpChina_Mtp3bSrs] NETWORK_ID [TransportNetwork_Mtp3bSpItu] NETWORK_ID [TransportNetwork_Mtp3bSpTtc] NETWORK_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] NETWORK_ID [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		

NODE_NAME	VARCHAR2(255)		[Mtp3bSpItu_Sl_Aggregated] nEDistinguishedName_MeContext [Mtp3bSpItu_Srs_Aggregated] nEDistinguishedName_MeContext [SccpAccountingCriteria] nEDistinguishedName_MeContext [SccpPolicing] nEDistinguishedName_MeContext [SccpScrc] nEDistinguishedName_MeContext [SccpSp] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpAnsi] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpChina] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpItu] nEDistinguishedName_MeContext [TransportNetwork_Mtp2TpTtc] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3bSls] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpChina_Mtp3bSrs] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] nEDistinguishedName_MeContext [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] nEDistinguishedName_MeContext

| NODE_TYPE | VARCHAR2(50) | | [Mtp3bSpItu_Sl_Aggregated] "MGW"
[Mtp3bSpItu_Srs_Aggregated] "MGW"
[SccpAccountingCriteria] "MGW"
[SccpPolicing] "MGW"
[SccpScrc] "MGW"
[SccpSp] "MGW"
[TransportNetwork_Mtp2TpAnsi] "MGW"
[TransportNetwork_Mtp2TpChina] "MGW"
[TransportNetwork_Mtp2TpItu] "MGW"
[TransportNetwork_Mtp2TpTtc] "MGW"
[TransportNetwork_Mtp3bSpAnsi] "MGW"
[TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] "MGW"
[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] "MGW"
[TransportNetwork_Mtp3bSpChina] "MGW"
[TransportNetwork_Mtp3bSpChina_Mtp3bSls] "MGW"
[TransportNetwork_Mtp3bSpChina_Mtp3bSrs] "MGW"
[TransportNetwork_Mtp3bSpItu] "MGW"
[TransportNetwork_Mtp3bSpTtc] "MGW"
[TransportNetwork_Mtp3bSpTtc_Mtp3bSls] "MGW"
[TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] "MGW" |
| SS7_POINT_NAME | VARCHAR2(255) | | [Mtp3bSpItu_Sl_Aggregated]
nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu&"-Mtp3bSls_"&Mtp3bSls
[Mtp3bSpItu_Srs_Aggregated]
nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu&"-Mtp3bSrs_"&Mtp3bSrs
[SccpAccountingCriteria]
nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-"&SccpScrc&"-SccpAccCr_"&SccpAccountingCriteria
[SccpPolicing]
nEDistinguishedName_MeContext&"/"&Tr |

			ansportNetwork&"-"&SccpSp&"-"&SccpScrc&"-SccpPolicing_"&SccpPolicing [SccpScrc] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-SccpScrc_"&SccpScrc [SccpSp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-SccpSp_"&SccpSp [TransportNetwork_Mtp2TpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpAnsi_"&Mtp2TpAnsi [TransportNetwork_Mtp2TpChina] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpChina_"&Mtp2TpChina [TransportNetwork_Mtp2TpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpItu_"&Mtp2TpItu [TransportNetwork_Mtp2TpTtc] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpTtc_"&Mtp2TpTtc [TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_" &Mtp3bSpAnsi [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi&"-Mtp3bSls_"&Mtp3bSls [TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi&"-Mtp3bSrs_"&Mtp3bSrs

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			[TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"-Mtp3bSpChina_"& Mtp3bSpChina [TransportNetwork_Mtp3bSpChina_Mtp3b Sls] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpChina_"&Mtp3bSpChina&"- Mtp3bSls_"&Mtp3bSls [TransportNetwork_Mtp3bSpChina_Mtp3b Srs] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpChina_"&Mtp3bSpChina&"- Mtp3bSrs_"&Mtp3bSrs [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"-Mtp3bSpItu_"& Mtp3bSpItu [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"-Mtp3bSpTtc_"& Mtp3bSpTtc [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc&"- Mtp3bSls_"&Mtp3bSls [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] nEDistinguishedName_MeContext&"/"&Tr ansportNetwork&"- Mtp3bSpTtc_"&Mtp3bSpTtc&"- Mtp3bSrs_"&Mtp3bSrs
ADJACENT_NODE_ID	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[Mtp3bSpItu_Sl_Aggregated] "UMTS" [Mtp3bSpItu_Srs_Aggregated] "UMTS" [SccpAccountingCriteria] "UMTS" [SccpPolicing] "UMTS" [SccpScrc] "UMTS" [SccpSp] "UMTS" [TransportNetwork_Mtp2TpAnsi] "UMTS"

			[TransportNetwork_Mtp2TpChina] "UMTS" [TransportNetwork_Mtp2TpItu] "UMTS" [TransportNetwork_Mtp2TpTtc] "UMTS" [TransportNetwork_Mtp3bSpAnsi] "UMTS" [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] "UMTS" [TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs] "UMTS" [TransportNetwork_Mtp3bSpChina] "UMTS" [TransportNetwork_Mtp3bSpChina_Mtp3bSls] "UMTS" [TransportNetwork_Mtp3bSpChina_Mtp3bSrs] "UMTS" [TransportNetwork_Mtp3bSpItu] "UMTS" [TransportNetwork_Mtp3bSpTtc] "UMTS" [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] "UMTS" [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs] "UMTS"
VENDOR	VARCHAR2(50)		[Mtp3bSpItu_Sl_Aggregated] "Ericsson"

7.1.40 NC_STS1

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
STS1_ID	VARCHAR2(100)		[Sts1SpeTtp] nEDistinguishedName_MeContext &"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Sts1SpeTtp_" & Sts1SpeTtp
MGW_ID	VARCHAR2(	Y	[Sts1SpeTtp]

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
	50)		nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Sts1SpeTtp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Sts1SpeTtp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
STS1_NAME	VARCHAR2(255)		[Sts1SpeTtp] nEDistinguishedName_MeContext &"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Sts1SpeTtp_" & Sts1SpeTtp
VERSION	VARCHAR2(255)		[Sts1SpeTtp] "R5.1"
VENDOR	VARCHAR2(50)		[Sts1SpeTtp] "Ericsson"

7.1.41 NC_STS3

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
STS3_ID	VARCHAR2(100)		[Sts3CspeTtp] nEDistinguishedName_MeContext&"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Sts3CspeTtp_" &Sts3CspeTtp
MGW_ID	VARCHAR2(50)	Y	[Sts3CspeTtp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Sts3CspeTtp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Sts3CspeTtp] NETWORK_ID
TIMESTAMP	DATE		

ENDSTAMP	DATE		
STS3_NAME	VARCHAR2(255)		[Sts3CspeTtp] nEDistinguishedName_MeContext&"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Sts3CspeTtp_" &Sts3CspeTtp
VERSION	VARCHAR2(255)		[Sts3CspeTtp] "R5.1"
VENDOR	VARCHAR2(50)		[Sts3CspeTtp] "Ericsson"

7.1.42 NC_SYNCHRONIZATION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SYNCHRONIZATION_ID	VARCHAR2(50)		[TransportNetwork_Synchronization] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Synchronization_" & Synchronization
NETWORK_ID	VARCHAR2(50)	Y	[TransportNetwork_Synchronization] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[TransportNetwork_Synchronization] REGION_ID
NODE_ID	VARCHAR2(255)	Y	[TransportNetwork_Synchronization] nEDistinguishedName_MeContext
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
ENDSTAMP	DATE		
SYNCHRONIZATION_NAME	VARCHAR2(255)		[TransportNetwork_Synchronization] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Synchronization_" & Synchronization
NODE_TYPE	VARCHAR2(255)		[TransportNetwork_Synchronization] "MGW"
NODE_NAME	VARCHAR2(255)		[TransportNetwork_Synchronization] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[TransportNetwork_Synchronization] "UMTS"
VERSION	VARCHAR2(255)		[TransportNetwork_Synchronization] "R5.1"
VENDOR	VARCHAR2(50)		[TransportNetwork_Synchronization] "Ericsson"

7.1.43 NC_T1

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
T1_ID	VARCHAR2(100)		[T1PhysPathTerm] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-T1PhysTerm_" & T1PhysPathTerm [T1Ttp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"& Os155SpiTtp & "-" & Sts1SpeTtp & "-" & Vt15Ttp & "-T1Ttp_" & T1Ttp
MGW_ID	VARCHAR2(50)	Y	[T1PhysPathTerm] nEDistinguishedName_MeContext [T1Ttp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(	Y	[T1PhysPathTerm] REGION_ID

	255)		[T1Ttp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[T1PhysPathTerm] NETWORK_ID [T1Ttp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
T1_NAME	VARCHAR2(255)		[T1PhysPathTerm] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-T1PhysTerm_" & T1PhysPathTerm [T1Ttp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"& Os155SpiTtp & "-" & Sts1SpeTtp & "-" & Vt15Ttp & "-T1Ttp_" & T1Ttp
T1_TYPE	VARCHAR2(255)		[T1PhysPathTerm] "T1PhysPathTerm" [T1Ttp] "T1Ttp"
VERSION	VARCHAR2(255)		[T1PhysPathTerm] "R5.1" [T1Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[T1PhysPathTerm] "Ericsson"

7.1.44 NC_TDMTERMGRP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
TDMTG_ID	VARCHAR2(50)		[MgwApplication_TdmTermGrp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&MgwApplication&"-TdmGrp_"&TdmTermGrp

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
MGW_ID	VARCHAR2(50)	Y	[MgwApplication_TdmTermGrp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[MgwApplication_TdmTermGrp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[MgwApplication_TdmTermGrp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
TDMTG_NAME	VARCHAR2(255)		[MgwApplication_TdmTermGrp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&MgwApplication&"-TdmGrp_"&TdmTermGrp
VERSION	VARCHAR2(255)		[MgwApplication_TdmTermGrp] "R5.1"
VENDOR	VARCHAR2(50)		[MgwApplication_TdmTermGrp] "Ericsson"

7.1.45 NC_UNKNOWN_REMOTESITE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
UNKNOWN_REMOTESITE_ID	VARCHAR2(50)		[MgwApplication_UnknownRemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Unknown_Remote_" & Unknown_RemoteSite
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication_UnknownRemoteSite] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[MgwApplication_UnknownRemoteSite] REGION_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
UNKNOWN_REMOTESITE_NAME	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Unknown_Remote_"

			& Unknown_RemoteSite
NODE_ID	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] nEDistinguishedName_MeContext
NODE_TYPE	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] "MGW"
NODE_NAME	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] nEDistinguishedName_MeContext
TECHNOLOGY	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] "UMTS"
VERSION	VARCHAR2(255)		[MgwApplication_UnknownRemoteSite] "R5.1"
VENDOR	VARCHAR2(50)		[MgwApplication_UnknownRemoteSite] "Ericsson"

7.1.46 NC_VC11

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VC11_ID	VARCHAR2(50)		[Ess_Vc11Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-" & Vc3Ttp & "-Vc11Ttp_" & Vc11Ttp
NETWORK_ID	VARCHAR2(50)	Y	[Ess_Vc11Ttp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[Ess_Vc11Ttp] REGION_ID
MGW_ID	VARCHAR2(50)	Y	[Ess_Vc11Ttp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		

Column Name	Data Type		Loader Block/Mapping
ENDSTAMP	DATE		
VC11_NAME	VARCHAR2(255)		[Ess_Vc11Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-" & Vc3Ttp & "-Vc11Ttp_" & Vc11Ttp
TECHNOLOGY	VARCHAR2(255)		[Ess_Vc11Ttp] "UMTS"
VERSION	VARCHAR2(255)		[Ess_Vc11Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_Vc11Ttp] "Ericsson"

7.1.47 NC_VC12

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VC12_ID	VARCHAR2(100)		[Ess_Vc12Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-"&Vc4Ttp&"-Vc12Ttp_"&Vc12Ttp
MGW_ID	VARCHAR2(50)	Y	[Ess_Vc12Ttp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Ess_Vc12Ttp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Ess_Vc12Ttp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VC12_NAME	VARCHAR2(255)		[Ess_Vc12Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os1

			55SpiTtp&"-"&Vc4Ttp&"-Vc12Ttp_"&Vc12Ttp
VERSION	VARCHAR2(255)		[Ess_Vc12Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_Vc12Ttp] "Ericsson"

7.1.48 NC_VC3

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VC3_ID	VARCHAR2(50)		[Ess_Vc3Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Vc3Ttp_" & Vc3Ttp
NETWORK_ID	VARCHAR2(50)	Y	[Ess_Vc3Ttp] NETWORK_ID
REGION_ID	VARCHAR2(50)	Y	[Ess_Vc3Ttp] REGION_ID
MGW_ID	VARCHAR2(50)	Y	[Ess_Vc3Ttp] nEDistinguishedName_MeContext
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VC3_NAME	VARCHAR2(255)		[Ess_Vc3Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Vc3Ttp_" & Vc3Ttp

Column Name	Data Type		Loader Block/Mapping
TECHNOLOGY	VARCHAR2(255)		[Ess_Vc3Ttp] "UMTS"
VERSION	VARCHAR2(255)		[Ess_Vc3Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_Vc3Ttp] "Ericsson"

7.1.49 NC_VC4

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VC4_ID	VARCHAR2(50)		[Ess_Vc4Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-Vc4Ttp_"&Vc4Ttp
MGW_ID	VARCHAR2(50)	Y	[Ess_Vc4Ttp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Ess_Vc4Ttp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Ess_Vc4Ttp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VC4_NAME	VARCHAR2(255)		[Ess_Vc4Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-Vc4Ttp_"&Vc4Ttp
VERSION	VARCHAR2(255)		[Ess_Vc4Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Ess_Vc4Ttp] "Ericsson"

7.1.50 NC_VCLTP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VCLTP_ID	VARCHAR2(50)		[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-"&VplTp&"-"&VpcTp&"-VclTp_"&VclTp
ATM_PORT_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] nEDistinguishedName_MeContext &"/"& TransportNetwork & "-AtmPort_" & AtmPort
VPCTP_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-"&VplTp&"-VpcTp_"&VpcTp
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VCLTP_NAME	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-"&VplTp&"-"&VpcTp&"-VclTp_"&VclTp
VPLTP_DESCRIPTION	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] userLabel
EGRESSPCR	NUMBER		[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] egressPcr
INGRESSPCR	NUMBER		[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] ingressPcr
VENDOR	VARCHAR2(		[TransportNetwork_AtmPort_VplTp_VpcT

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	50)		p_VclTp] "Ericsson"

7.1.51 NC_VMGW

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VMGW_ID	VARCHAR2(50)		[MgwApplication_Vmgw] nEDistinguishedName_MeContext&"/"&MgwApplication&"-Vmgw_"&Vmgw
MGW_ID	VARCHAR2(50)	Y	[MgwApplication_Vmgw] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(50)	Y	[MgwApplication_Vmgw] REGION_ID
NETWORK_ID	VARCHAR2(50)	Y	[MgwApplication_Vmgw] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VMGW_NAME	VARCHAR2(255)		[MgwApplication_Vmgw] nEDistinguishedName_MeContext&"/"&MgwApplication&"-Vmgw_"&Vmgw
VERSION	VARCHAR2(50)		[MgwApplication_Vmgw] "R5.1"
TECHNOLOGY	VARCHAR2(50)		[MgwApplication_Vmgw] "UMTS"
VENDOR	VARCHAR2(50)		[MgwApplication_Vmgw] "Ericsson"

7.1.52 NC_VPCTP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VPCTP_ID	VARCHAR2(		[TransportNetwork_AtmPort_VplTp_VpcT

	50)		p] nEDistinguishedName_MeContext&"/"&T ransportNetwork&"-"&AtmPort&"-"&Vpl Tp&"-VpcTp_"&VpcTp
ATM_PORT_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort_VplTp_VpcT p] nEDistinguishedName_MeContext&"/"& TransportNetwork & "-AtmPort_" & AtmPort
VPLTP_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort_VplTp_VpcT p] nEDistinguishedName_MeContext&"/"&T ransportNetwork&"-"&AtmPort&"- VplTp_"&VplTp
TIMESTAMP	DATE		
ENDSTAMP	DATE		
EGRESSATMPCR	NUMBER		
INGRESSATMPCR	NUMBER		
EGRESSATMQOS	NUMBER		
INGRESSATMQOS	NUMBER		
EGRESSATMMCR	NUMBER		
INGRESSATMMCR	NUMBER		
VPCTP_NAME	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp_VpcT p] nEDistinguishedName_MeContext&"/"&T ransportNetwork&"-"&AtmPort&"-"&Vpl Tp&"-VpcTp_"&VpcTp
VPCTP_DESCRIPTION	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp_VpcT p] userLabel
VENDOR	VARCHAR2(50)		[TransportNetwork_AtmPort_VplTp_VpcT p] "Ericsson"

7.1.53 NC_VPLTP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VPLTP_ID	VARCHAR2(50)		[TransportNetwork_AtmPort_VplTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-VplTp_"&VplTp
ATM_PORT_ID	VARCHAR2(50)	Y	[TransportNetwork_AtmPort_VplTp] nEDistinguishedName_MeContext&"/"& TransportNetwork & "-AtmPort_" & AtmPort
TIMESTAMP	DATE		
ENDSTAMP	DATE		
EGRESSPCR	NUMBER		[TransportNetwork_AtmPort_VplTp] egressPcr
INGRESSPCR	NUMBER		[TransportNetwork_AtmPort_VplTp] ingressPcr
EGRESSATMQOS	NUMBER		[TransportNetwork_AtmPort_VplTp] egressAtmQos
INGRESSATMQOS	NUMBER		[TransportNetwork_AtmPort_VplTp] ingressAtmQos
EGRESSATMMCR	NUMBER		[TransportNetwork_AtmPort_VplTp] egressAtmMcr
INGRESSATMMCR	NUMBER		[TransportNetwork_AtmPort_VplTp] ingressAtmMcr
VPLTP_NAME	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-VplTp_"&VplTp
VPLTP_DESCRIPTION	VARCHAR2(255)		[TransportNetwork_AtmPort_VplTp] userLabel
VENDOR	VARCHAR2(50)		[TransportNetwork_AtmPort_VplTp] "Ericsson"

7.1.54 NC_VT15

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VT15_ID	VARCHAR2(50)		[Vt15Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-"&Sts1SpeTtp&"-Vt15Ttp_"&Vt15Ttp
MGW_ID	VARCHAR2(50)	Y	[Vt15Ttp] nEDistinguishedName_MeContext
REGION_ID	VARCHAR2(255)	Y	[Vt15Ttp] REGION_ID
NETWORK_ID	VARCHAR2(255)	Y	[Vt15Ttp] NETWORK_ID
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VT15_NAME	VARCHAR2(255)		[Vt15Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-"&Sts1SpeTtp&"-Vt15Ttp_"&Vt15Ttp
VERSION	VARCHAR2(255)		[Vt15Ttp] "R5.1"
VENDOR	VARCHAR2(50)		[Vt15Ttp] "Ericsson"

7.2 Raw Performance Tables

This section lists the performance tables that are included in this technology pack module's database schema, grouped by the network object to which they relate, as follows:

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

- [VC4](#)
- [VclTp](#)
- [VMGW](#)
- [VpcTp](#)
- [VplTp](#)
- [VT15](#)

7.3 Raw AAL1_Tp_Vcc_Tp Tables

7.3.1 ERI_MGW_AAL1TPVC_ERR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL1_TP_VCC_TP_ID		VARCHAR2(50)	[TransportNetwork_Aal1TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal1TpVccTp_" & Aal1TpVccTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YHCPEEEOX12AGTPCB0221VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmBwErrBlocks
YHCPEEGOX12AGTPCB0221VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmBwLostCells
YHCPEEIOX12AGTPCB0221VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmBwMissinsCells
YHCPEEKOX12AGTPCB0221VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmFwErrBlocks
YHCPEEMOX12AGTPCB0221VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmFwLostCells
YHCPEEOOX12AGTPCB0221VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_Aal1TpVccTp] pmFwMissinsCells

| YHCPEEQOX12AGTPCB02 21VYNIL | PMLOSTBRCELLS | NUMBER | [TransportNetwork_Aal1TpVc cTp] pmLostBrCells |
| YHCPEESOX12AGTPCB02 21VYNIL | PMLOSTFPMCELLS | NUMBER | [TransportNetwork_Aal1TpVc cTp] pmLostFpmCells |

7.4 Raw AAL2_Access_Point Tables

7.4.1 ERI_AAL2_AP_CONNECTIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2_AP_ID		VARCHAR2(50)	[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & Aal2Sp & "-Aal2Ap_" & Aal2Ap
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YNCWNBGOX12AGTPCB02 21VYNIL	PMSUCCINCONNSREMOTEQOS CLASSA	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmSuccInConnsRemoteQosClassA
YNCWNBIOX12AGTPCB02 21VYNIL	PMSUCCINCONNSREMOTEQOS CLASSB	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmSuccInConnsRemoteQosClassB
YNCWNBKOX12AGTPCB02 21VYNIL	PMSUCCINCONNSREMOTEQOS CLASSC	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmSuccInConnsRemoteQosClassC
YNCWNBMOX12AGTPCB0 221VYNIL	PMSUCCINCONNSREMOTEQOS CLASSD	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmSuccInConnsRemoteQosClassD

YNCWNBOOX12AGTPCB02 21VYNIL	PMSUCCOUTCONNSREMOTEQ OSCLASSA	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmSuccOutConnsR emoteQosClassA
YNCWNBQOX12AGTPCB02 21VYNIL	PMSUCCOUTCONNSREMOTEQ OSCLASSB	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmSuccOutConnsR emoteQosClassB
YNCWNBSOX12AGTPCB02 21VYNIL	PMSUCCOUTCONNSREMOTEQ OSCLASSC	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmSuccOutConnsR emoteQosClassC
YNCWNBUOX12AGTPCB02 21VYNIL	PMSUCCOUTCONNSREMOTEQ OSCLASSD	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmSuccOutConnsR emoteQosClassD
YNCWNBWOX12AGTPCB0 221VYNIL	PMUNSUCCINCONNSLOCALQO SCLASSA	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns LocalQosClassA
YNCWNBYOX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSLOCALQO SCLASSB	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns LocalQosClassB
YNCWNC1OX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSLOCALQO SCLASSC	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns LocalQosClassC
YNCWNC3OX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSLOCALQO SCLASSD	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns LocalQosClassD
YNCWNC5OX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSREMOTEQ OSCLASSA	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns RemoteQosClassA

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YNCWNCAOX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSREMOTEQ OSCLASSB	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns RemoteQosClassB
YNCWNCCOX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSREMOTEQ OSCLASSC	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns RemoteQosClassC
YNCWNCEOX12AGTPCB02 21VYNIL	PMUNSUCCINCONNSREMOTEQ OSCLASSD	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccInConns RemoteQosClassD
YNCWNCGOX12AGTPCB02 21VYNIL	PMUNSUCCOUTCONNSLOCAL QOSCLASSA	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsLocalQosClassA
YTE1JP1OX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSLOCAL QOSCLASSB	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsLocalQosClassB
YTE1JP3OX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSLOCAL QOSCLASSC	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsLocalQosClassC
YTE1JP5OX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSLOCAL QOSCLASSD	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsLocalQosClassD
YTE1JPAOX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSREMOT EQOSA	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsRemoteQosClass A
YTE1JPCOX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSREMOT EQOSB	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap] pmUnSuccOutCon nsRemoteQosClass B
YTE1JPEOX12AGTPCB0221 VYNIL	PMUNSUCCOUTCONNSREMOT EQOSC	NUMBE R	[TransportNetwork _Aal2Sp_Aal2Ap]

			pmUnSuccOutConnsRemoteQosClassC
YTE1JPGOX12AGTPCB0221VYNIL	PMUNSUCCOUTCONNSREMOTEQOSD	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmUnSuccOutConnsRemoteQosClassD
URDYHN41BN2AHCW3002OFAWAEX	NROFCONFIGUREDAAL2PATHS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] nrOfConfiguredAal2Paths
URDYHN61BN2AHCW3002OFAWAEX	NROFUNAVAILABLEAAL2PATHS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] nrOfUnavailableAal2Paths
S5GA0SSDWT2AHT30R02OFAWJHE	NROFREMOTELYBLOCKEDAAL2PATHS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] nrOfRemotelyBlockedAal2Paths
YHCPEFOOX12AGTPCB0221VYNIL	PMEXISORIGCONNS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmExisOrigConns
YHCPEFQOX12AGTPCB0221VYNIL	PMEXISTERMCONNS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmExisTermConns
YHCPEFSOX12AGTPCB0221VYNIL	PMEXISTRANSCONNS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmExisTransConns
YNCWNB1OX12AGTPCB0221VYNIL	PMSUCCINCONNSREMOTE	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmSuccInConnsRemote
YNCWNB3OX12AGTPCB0221VYNIL	PMSUCCOUTCONNSREMOTE	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap]

Column Name	Column Alias	Data Type	Loader Block/Mapping
			pmSuccOutConnsRemote
YNCWNB5OX12AGTPCB0221VYNIL	PMUNSUCCINCONNSREMOTE	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmUnSuccInConnsRemote
YNCWNBAOX12AGTPCB0221VYNIL	PMUNSUCCOUTCONNSREMOTE	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmUnSuccOutConnsRemote

7.4.2 ERI_MGW_AAL2AP_SM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2_AP_ID		VARCHAR2(50)	[TransportNetwork_Aal2Sp_Aal2Ap] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & Aal2Sp & "-Aal2Ap_" & Aal2Ap
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YTE1JPOOX12AGTPCB0221VYNIL	PMUNRECMESSAGES	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmUnRecMessages
YTE1JPQOX12AGTPCB0221VYNIL	PMUNRECPARAMS	NUMBER	[TransportNetwork_Aal2Sp_Aal2Ap] pmUnRecParams

7.5 Raw AAL2_Signalling_Point Tables

7.5.1 ERI_AAL2_SP_AAL2_SP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2_SP_ID		VARCHAR2(50)	[TransportNetwork_Aal2Sp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2Sp_" & Aal2Sp

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YTE1JPSOX12AGTPCB0221VYNIL	PMUNSUCCESSFULCONNSINTERNAL	NUMBER	[TransportNetwork_Aal2Sp] pmUnsuccessfulConnsInternal

7.6 Raw AAL2PathVccTp Tables

7.6.1 ERI_AAL2PATHVCCTP_ERROR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATHVCCTP_ID		VARCHAR2(50)	[TransportNetwork_Aal2PathVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2PthVcTp_" & aal2pathvcctp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YHCPEF1OX12AGTPCB0221VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmBwErrBlocks
YHCPEF3OX12AGTPCB0221VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmBwLostCells
YHCPEF5OX12AGTPCB0221VYNIL	PMBWMISSINCELLS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmBwMissinCells
YHCPEFAOX12AGTPCB0221VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmBwMissinsCells
YHCPEFCOX12AGTPCB0221VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmFwErrBlocks
YHCPEFEOX12AGTPCB0221VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmFwLostCells

Column Name	Column Alias	Data Type	Loader Block/Mapping
YHCPEFGOX12AGTPCB0221VYNIL	PMFWMISSINCELLS	NUMBER	[TransportNetwork_Aal2Path VccTp] pmFwMissinCells
YHCPEFIOX12AGTPCB0221VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_Aal2Path VccTp] pmFwMissinsCells
YHCPEFKOX12AGTPCB0221VYNIL	PMLOSTBRCELLS	NUMBER	[TransportNetwork_Aal2Path VccTp] pmLostBrCells
YHCPEFMOX12AGTPCB0221VYNIL	PMLOSTFPMCELLS	NUMBER	[TransportNetwork_Aal2Path VccTp] pmLostFpmCells

7.6.2 ERI_MGW_AAL2CPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATHVCCTP_ID		VARCHAR2(50)	[TransportNetwork_Aal2PathVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Aal2PthVcTp_" & aal2pathvcctp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YHCPEEUOX12AGTPCB0221VYNIL	PMDISCARDEDEGRESSCPSPACKETS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmDiscardedEgressCpsPackets
YHCPEEWOX12AGTPCB0221VYNIL	PMEGRESSCPSPACKETS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmEgressCpsPackets
YHCPEEYOX12AGTPCB0221VYNIL	PMINGRESSCPSPACKETS	NUMBER	[TransportNetwork_Aal2PathVccTp] pmIngressCpsPackets

7.7 Raw AAL5_Tp_Vcc_Tp Tables

7.7.1 ERI_MGW_AAL5TPVC_ERR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

AAL5_TP_VCC_TP_ID		VARCHAR2(50)	[TransportNetwork_Aal5TpVccTp] nEDistinguishedName_MeContext & "/" & TransportNetwork&"-Aal5TpVccTp_" & Aal5TpVccTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YTE1JPUOX12AGTPCB0221VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmBwErrBlocks
YTE1JPWOX12AGTPCB0221VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmBwLostCells
YTE1JPYOX12AGTPCB0221VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmBwMissinsCells
R0EUUXCOX22AGTPCB0221VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmFwErrBlocks
R0EUUXEOX22AGTPCB0221VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmFwLostCells
R0EUUXGOX22AGTPCB0221VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmFwMissinsCells
R0EUUXIOX22AGTPCB0221VYNIL	PMLOSTBRCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmLostBrCells
R0EUUXKOX22AGTPCB0221VYNIL	PMLOSTFPMCELLS	NUMBER	[TransportNetwork_Aal5TpVccTp] pmLostFpmCells

7.8 Raw ATM_Port Tables

7.8.1 ERI_ATM_PORT_UTILISAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_PORT_ID		VARCHA	[TransportNetwork_AtmPor

		R2(50)	t] nEDistinguishedName_MeContext &"/"& TransportNetwork & "-AtmPort_" & AtmPort
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0EUUXWOX22AGTPCB0221VYNIL	PMSECONDSWITHUNEXP	NUMBER	[TransportNetwork_AtmPort] pmSecondsWithUnexp
R0EUUY3OX22AGTPCB0221VYNIL	PMRECEIVEDATMCELLS	NUMBER	[TransportNetwork_AtmPort] pmReceivedAtmCells
R0EUUY5OX22AGTPCB0221VYNIL	PMTRANSMITTEDATMCELLS	NUMBER	[TransportNetwork_AtmPort] pmTransmittedAtmCells

7.8.2 ERI_VPGFVPCTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_PORT_ID		VARCHAR2(50)	[TransportNetwork_AtmPort] nEDistinguishedName_MeContext &"/"& TransportNetwork & "-AtmPort_" & AtmPort
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0EUUYAOX22AGTPCB0221VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort] pmBwErrBlocks
R0EUUYCOX22AGTPCB0221VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort] pmBwLostCells
R0EUUYEOX22AGTPCB0221VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort] pmBwMissinsCells
R0EUUYGOX22AGTPCB0221VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort] pmFwErrBlocks
R0EUUYIOX22AGTPCB0221VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort] pmFwLostCells
R0EUUYKOX22AGTPCB0221VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort] pmFwMissinsCells

| R0EUUYMOX22AGTPCB02 21VYNIL | PMLOSTBRCELLS | NUMBER | [TransportNetwork_AtmPort] pmLostBrCells |
| R0EUUYOOX22AGTPCB02 21VYNIL | PMLOSTFPMCELLS | NUMBER | [TransportNetwork_AtmPort] pmLostFpmCells |

7.9 Raw AtmTrafficDescriptor Tables

7.9.1 ERI_MGW_ATMTRAFDES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATMTRAFFIC_DESCRIPTOR_ID		VARCHAR2(50)	[TransportNetwork_AtmTraffic Descriptor] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-AtmTrafDesc_" & AtmTrafficDescriptor
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0EUUYQOX22AGTPCB02 21VYNIL	EGRESSATMPCR	NUMBER	[TransportNetwork_AtmTraffic Descriptor] egressAtmPcr
R0EUUYSOX22AGTPCB02 21VYNIL	INGRESSATMPCR	NUMBER	[TransportNetwork_AtmTraffic Descriptor] ingressAtmPcr
R0EUUYUOX22AGTPCB02 21VYNIL	EGRESSATMMCR	NUMBER	[TransportNetwork_AtmTraffic Descriptor] egressAtmMcr
R0EUUYWOX22AGTPCB02 21VYNIL	INGRESSATMMCR	NUMBER	[TransportNetwork_AtmTraffic Descriptor] ingressAtmMcr
R0EUUYYOX22AGTPCB02 21VYNIL	EGRESSATMQOS	NUMBER	[TransportNetwork_AtmTraffic Descriptor] egressAtmQos
R0EUUV01OX22AGTPCB022 1VYNIL	INGRESSATMQOS	NUMBER	[TransportNetwork_AtmTraffic Descriptor] ingressAtmQos

7.10 Raw DChannel_Tp Tables

7.10.1 ERI_DCTP_UTIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
DCHANNEL_TP_ID		VARCHAR2(50)	[ManagedElement _AccessSignalling _DChannelTp] nEDistinguishedName_MeContext & "/" & ManagedElement & "-" & AccessSignalling & "-DChannel_Tp_" & DChannel_Tp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQW6VSYLP2AHUOVR02OFB3L3M	PMDISCARDEDINBOUNDFRAMES	NUMBER	[ManagedElement _AccessSignalling _DChannelTp] pmDiscardedInboundFrames
XNQW6VUYLP2AHUOVR02OFB3L3M	PMDISCARDEDOUTBOUNDFRAMES	NUMBER	[ManagedElement _AccessSignalling _DChannelTp] pmDiscardedOutboundFrames
XNQW6VWYLP2AHUOVR02OFB3L3M	PMOCTETSINRECFRAMES	NUMBER	[ManagedElement _AccessSignalling _DChannelTp] pmOctetsInRecFrames
XNQW6VYYLP2AHUOVR02OFB3L3M	PMOCTETSINRETRANSMFRAMES	NUMBER	[ManagedElement _AccessSignalling _DChannelTp] pmOctetsInReTransmFrames
XNQW6W1YLP2AHUOVR02	PMOCTETSINTRANSMFRAME	NUMBE	[ManagedElement

OFB3L3M	S	R	_AccessSignalling_DChannelTp] pmOctetsInTransm Frames
XNQW6W3YLP2AHUOVR02 OFB3L3M	PMRECDMFRAMESRSPTOSAB ME	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecDmFrames RspToSabme
XNQW6W5YLP2AHUOVR02 OFB3L3M	PMRECFRAMES	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecFrames
XNQW6WAYLP2AHUOVR02 OFB3L3M	PMRECFRAMESCTRLFIELDU NDEF	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecFramesCtrl FieldUndef
XNQW6WCYLP2AHUOVR02 OFB3L3M	PMRECFRAMESFCSERROR	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecFramesFcsE rror
XNQW6WEYLP2AHUOVR02 OFB3L3M	PMRECFRAMESN201ERROR	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecFramesN20 1Error
XNQW6WGYLP2AHUOVR02 OFB3L3M	PMRECFRMSNOTPERINFOFLD ORLNGFR	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmRecFramesNotP ermInfoFldOrLngF r
XNQW6WIYLP2AHUOVR02 OFB3L3M	PMRECFRAMESNRERROR	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp]

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			pmRecFramesNrError
XNQW6WKYLP2AHUOVR02OFB3L3M	PMRECFRMR	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmRecFrmr
XNQW6WMYLP2AHUOVR02OFB3L3M	PMRECINVALIDFRAMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmRecInvalidFrames
XNQW6WOYLP2AHUOVR02OFB3L3M	PMRECUNEXPECTEDFRAMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmRecUnexpectedFrames
XNQW6WQYLP2AHUOVR02OFB3L3M	PMRECUNSOLICSUPERVISFRAMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmRecUnsolicSupervisFrames
XNQW6WSYLP2AHUOVR02OFB3L3M	PMRETRANSMITTEDFRAMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmRetransmittedFrames
XNQW6WUYLP2AHUOVR02OFB3L3M	PMTRANSMDMFRAMESRSPTOSABME	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmTransmDmFramesRspToSabme
XNQW6WWYLP2AHUOVR02OFB3L3M	PMTRANSMITTEDFRAMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmTransmittedFrames
XNQW6WYYLP2AHUOVR02OFB3L3M	PMUNSUCCRETROTHFRMSN200TIMES	NUMBER	[ManagedElement_AccessSignalling_DChannelTp] pmUnsuccRetrmsOthFramesN200Ti

			mes
XNQW6X1YLP2AHUOVR02O FB3L3M	PMUNSUCCRETRMSSABMEN2 00TIMES	NUMBE R	[ManagedElement _AccessSignalling _DChannelTp] pmUnsuccRetrmsS abmeN200Times

7.11 Raw E1 Tables

7.11.1 ERI_E1_E1_TERM_PIONT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
E1_ID		VARCHA R2(50)	[Ess_E1PhysPathTerm] nEDistinguishedName_MeConte xt &"/"&Equipment&"-"&Subrack &"-"&Slot&"-"&PlugInUnit&"-" &ExchangeTerminal&"- E1PhyTerm_"&E1PhysPathTer m [Ess_E1Ttp] nEDistinguishedName_MeConte xt &"/"&Equipment&"-"&Subrack &"-"&Slot&"-"&PlugInUnit&"-" &ExchangeTerminal&"-"&Os15 5SpiTtp&"-"&Vc4Ttp&"-"&Vc1 2Ttp&"-E1Ttp_"&E1Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0EUV0AOX22AGTPCB02 21VYNIL	PMUAS	NUMBER	[Ess_E1PhysPathTerm] pmUas [Ess_E1Ttp] pmUas
R0EUV03OX22AGTPCB02 21VYNIL	PMES	NUMBER	[Ess_E1PhysPathTerm] pmEs [Ess_E1Ttp] pmEs
R0EUV05OX22AGTPCB02 21VYNIL	PMSES	NUMBER	[Ess_E1PhysPathTerm] pmSes [Ess_E1Ttp] pmSes

7.12 Raw Echo_Cancellation Tables

7.12.1 ERI_ECHO_C_ASP_LEV_ROUT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ECHO_CANCELLATION_ID		VARCHAR2(50)	[ECRouteParameterSet] nEDistinguishedName_MeContext & "/" & MSProcessing & "-" & RouteParameterGroup & "-EC_" & ECRouteParameterSet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R0EUV0COX22AGTPCB0221VYNIL	PMI10VALASLR	NUMBER	[ECRouteParameterSet] pmI10ValAslr
R0EUV0EOX22AGTPCB0221VYNIL	PMI11VALASLR	NUMBER	[ECRouteParameterSet] pmI11ValAslr
R0EUV0GOX22AGTPCB0221VYNIL	PMI12VALASLR	NUMBER	[ECRouteParameterSet] pmI12ValAslr
R0EUV0IOX22AGTPCB0221VYNIL	PMI13VALASLR	NUMBER	[ECRouteParameterSet] pmI13ValAslr
R0EUV0KOX22AGTPCB0221VYNIL	PMI14VALASLR	NUMBER	[ECRouteParameterSet] pmI14ValAslr
R0EUV0MOX22AGTPCB0221VYNIL	PMI15VALASLR	NUMBER	[ECRouteParameterSet] pmI15ValAslr
R0EUV0OOX22AGTPCB0221VYNIL	PMI16VALASLR	NUMBER	[ECRouteParameterSet] pmI16ValAslr
R0EUV0QOX22AGTPCB0221VYNIL	PMI1VALASLR	NUMBER	[ECRouteParameterSet] pmI1ValAslr
R0EUV0SOX22AGTPCB0221VYNIL	PMI2VALASLR	NUMBER	[ECRouteParameterSet] pmI2ValAslr
R0EUV0UOX22AGTPCB0221VYNIL	PMI3VALASLR	NUMBER	[ECRouteParameterSet] pmI3ValAslr
R0EUV0WOX22AGTPCB0221VYNIL	PMI4VALASLR	NUMBER	[ECRouteParameterSet] pmI4ValAslr
R0EUV0YOX22AGTPCB02	PMI5VALASLR	NUMBER	[ECRouteParameterSet]

			pmI5ValAslr
R6E6KCSOX22AGTPCB022 1VYNIL	PMI6VALASLR	NUMBER	[ECRouteParameterSet] pmI6ValAslr
R6E6KCUOX22AGTPCB02 21VYNIL	PMI7VALASLR	NUMBER	[ECRouteParameterSet] pmI7ValAslr
R6E6KCWOX22AGTPCB02 21VYNIL	PMI8VALASLR	NUMBER	[ECRouteParameterSet] pmI8ValAslr
R6E6KCYOX22AGTPCB02 21VYNIL	PMI9VALASLR	NUMBER	[ECRouteParameterSet] pmI9ValAslr

7.12.2 ERI_ECHO_C_ASP_LEV_SOUT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ECHO_CANCELLATION_I D		VARCHA R2(50)	[ECRouteParameterSet] nEDistinguishedName_MeConte xt & "/" & MSProcessing & "-" & RouteParameterGroup & "- EC_" & ECRouteParameterSet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R6E6KD1OX22AGTPCB022 1VYNIL	PMI10VALASLS	NUMBER	[ECRouteParameterSet] pmI10ValAsls
R6E6KD3OX22AGTPCB022 1VYNIL	PMI11VALASLS	NUMBER	[ECRouteParameterSet] pmI11ValAsls
R6E6KD5OX22AGTPCB022 1VYNIL	PMI12VALASLS	NUMBER	[ECRouteParameterSet] pmI12ValAsls
R6E6KDAOX22AGTPCB02 21VYNIL	PMI13VALASLS	NUMBER	[ECRouteParameterSet] pmI13ValAsls
R6E6KDCOX22AGTPCB02 21VYNIL	PMI14VALASLS	NUMBER	[ECRouteParameterSet] pmI14ValAsls
R6E6KDEOX22AGTPCB02 21VYNIL	PMI15VALASLS	NUMBER	[ECRouteParameterSet] pmI15ValAsls

R6E6KDGOX22AGTPCB02 21VYNIL	PMI16VALASLS	NUMBER	[ECRouteParameterSet] pmI16ValAsls
R6E6KDIOX22AGTPCB022 1VYNIL	PMI1VALASLS	NUMBER	[ECRouteParameterSet] pmI1ValAsls
R6E6KDKOX22AGTPCB02 21VYNIL	PMI2VALASLS	NUMBER	[ECRouteParameterSet] pmI2ValAsls
R6E6KDMOX22AGTPCB02 21VYNIL	PMI3VALASLS	NUMBER	[ECRouteParameterSet] pmI3ValAsls
R6E6KDOOX22AGTPCB02 21VYNIL	PMI4VALASLS	NUMBER	[ECRouteParameterSet] pmI4ValAsls
R6E6KDQOX22AGTPCB02 21VYNIL	PMI5VALASLS	NUMBER	[ECRouteParameterSet] pmI5ValAsls
R6E6KDSOX22AGTPCB022 1VYNIL	PMI6VALASLS	NUMBER	[ECRouteParameterSet] pmI6ValAsls
R6E6KDUOX22AGTPCB02 21VYNIL	PMI7VALASLS	NUMBER	[ECRouteParameterSet] pmI7ValAsls
R6E6KDWOX22AGTPCB02 21VYNIL	PMI8VALASLS	NUMBER	[ECRouteParameterSet] pmI8ValAsls
R6E6KDYOX22AGTPCB02 21VYNIL	PMI9VALASLS	NUMBER	[ECRouteParameterSet] pmI9ValAsls

7.12.3 ERI_ECHO_C_ECHO_RT_LOSS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ECHO_CANCELLATION_ID		VARCHAR2(50)	[ECRouteParameterSet] nEDistinguishedName_MeContext & "/" & MSProcessing & "-" & RouteParameterGroup & "-EC_" & ECRouteParameterSet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R6E6KE1OX22AGTPCB022 1VYNIL	PMI10VALERL	NUMBER	[ECRouteParameterSet] pmI10ValErl
R6E6KE3OX22AGTPCB022 1VYNIL	PMI11VALERL	NUMBER	[ECRouteParameterSet] pmI11ValErl
R6E6KE5OX22AGTPCB022	PMI12VALERL	NUMBER	[ECRouteParameterSet]

1VYNIL			pmI12ValErl
R6E6KEAOX22AGTPCB02 21VYNIL	PMI13VALERL	NUMBER	[ECRouteParameterSet] pmI13ValErl
R6E6KECOX22AGTPCB02 21VYNIL	PMI14VALERL	NUMBER	[ECRouteParameterSet] pmI14ValErl
R6E6KEEOX22AGTPCB022 1VYNIL	PMI15VALERL	NUMBER	[ECRouteParameterSet] pmI15ValErl
R6E6KEGOX22AGTPCB02 21VYNIL	PMI16VALERL	NUMBER	[ECRouteParameterSet] pmI16ValErl
R6E6KEIOX22AGTPCB022 1VYNIL	PMI1VALERL	NUMBER	[ECRouteParameterSet] pmI1ValErl
R6E6KEKOX22AGTPCB02 21VYNIL	PMI2VALERL	NUMBER	[ECRouteParameterSet] pmI2ValErl
R6E6KEMOX22AGTPCB02 21VYNIL	PMI3VALERL	NUMBER	[ECRouteParameterSet] pmI3ValErl
R6E6KEOOX22AGTPCB02 21VYNIL	PMI4VALERL	NUMBER	[ECRouteParameterSet] pmI4ValErl
R6E6KEQOX22AGTPCB02 21VYNIL	PMI5VALERL	NUMBER	[ECRouteParameterSet] pmI5ValErl
R6E6KESOX22AGTPCB022 1VYNIL	PMI6VALERL	NUMBER	[ECRouteParameterSet] pmI6ValErl
R6E6KEUOX22AGTPCB02 21VYNIL	PMI7VALERL	NUMBER	[ECRouteParameterSet] pmI7ValErl
R6E6KEWOX22AGTPCB02 21VYNIL	PMI8VALERL	NUMBER	[ECRouteParameterSet] pmI8ValErl
R6E6KEYOX22AGTPCB02 21VYNIL	PMI9VALERL	NUMBER	[ECRouteParameterSet] pmI9ValErl

7.12.4 ERI_ECHO_C_PURE_DELAY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

ECHO_CANCELLATION_ID		VARCHAR2(50)	[ECRouteParameterSet] nEDistinguishedName_MeContext & "/" & MSProcessing & "-" & RouteParameterGroup & "-EC_" & ECRouteParameterSet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R6E6KF1OX22AGTPCB0221VYNIL	PMI10VALPD	NUMBER	[ECRouteParameterSet] pmI10ValPd
R6E6KF3OX22AGTPCB0221VYNIL	PMI11VALPD	NUMBER	[ECRouteParameterSet] pmI11ValPd
R6E6KF5OX22AGTPCB0221VYNIL	PMI12VALPD	NUMBER	[ECRouteParameterSet] pmI12ValPd
R6E6KFAOX22AGTPCB0221VYNIL	PMI13VALPD	NUMBER	[ECRouteParameterSet] pmI13ValPd
R6E6KFCOX22AGTPCB0221VYNIL	PMI14VALPD	NUMBER	[ECRouteParameterSet] pmI14ValPd
R6E6KFEOX22AGTPCB0221VYNIL	PMI15VALPD	NUMBER	[ECRouteParameterSet] pmI15ValPd
R6E6KFGOX22AGTPCB0221VYNIL	PMI16VALPD	NUMBER	[ECRouteParameterSet] pmI16ValPd
R6E6KFIOX22AGTPCB0221VYNIL	PMI1VALPD	NUMBER	[ECRouteParameterSet] pmI1ValPd
R6E6KFKOX22AGTPCB0221VYNIL	PMI2VALPD	NUMBER	[ECRouteParameterSet] pmI2ValPd
R6E6KFMOX22AGTPCB0221VYNIL	PMI3VALPD	NUMBER	[ECRouteParameterSet] pmI3ValPd
R6E6KFOOX22AGTPCB0221VYNIL	PMI4VALPD	NUMBER	[ECRouteParameterSet] pmI4ValPd
R6E6KFQOX22AGTPCB0221VYNIL	PMI5VALPD	NUMBER	[ECRouteParameterSet] pmI5ValPd
R6E6KFSOX22AGTPCB0221VYNIL	PMI6VALPD	NUMBER	[ECRouteParameterSet] pmI6ValPd
RFGJLHSOX22AGTPCB0221VYNIL	PMI7VALPD	NUMBER	[ECRouteParameterSet] pmI7ValPd

RFGJLHUOX22AGTPCB02 21VYNIL	PMI8VALPD	NUMBER	[ECRouteParameterSet] pmI8ValPd
RFGJLHWOX22AGTPCB02 21VYNIL	PMI9VALPD	NUMBER	[ECRouteParameterSet] pmI9ValPd
RFGJLHYOX22AGTPCB02 21VYNIL	PMNINVALID	NUMBER	[ECRouteParameterSet] pmNInvalid

7.13 Raw Ethernet_Link Tables

7.13.1 ERI_MGW_ETHERLK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ETHERNET_LINK_ID		VARCHAR2(50)	[EthernetLink] nEDistinguishedName_MeContext & "/" & IpOam &"-" & Ip & "-EthLk_" & EthernetLink
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFGJLI1OX22AGTPCB0221VYNIL	PMNOOFIFINDISCARDS	NUMBER	[EthernetLink] pmNoOfIfInDiscards
RFGJLI3OX22AGTPCB0221VYNIL	PMNOOFIFINERRORS	NUMBER	[EthernetLink] pmNoOfIfInErrors
RFGJLI5OX22AGTPCB0221VYNIL	PMNOOFIFINNUCASTPKTS	NUMBER	[EthernetLink] pmNoOfIfInNUcastPkts
RFGJLIAOX22AGTPCB0221VYNIL	PMNOOFIFINUCASTPKTS	NUMBER	[EthernetLink] pmNoOfIfInUcastPkts
RFGJLICOX22AGTPCB0221VYNIL	PMNOOFIFOUTDISCARDS	NUMBER	[EthernetLink] pmNoOfIfOutDiscards
RFGJLIEOX22AGTPCB0221VYNIL	PMNOOFIFOUTNUCASTPKTS	NUMBER	[EthernetLink] pmNoOfIfOutNUcastPkts
RFGJLIGOX22AGTPCB0221VYNIL	PMNOOFIFOUTUCASTPKTS	NUMBER	[EthernetLink] pmNoOfIfOutUcastPkts

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

7.14 Raw Fast_Ethernet Tables

7.14.1 ERI_MGW_FASETHRLK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FAST_ETHERNET_ID		VARCHAR2(50)	[FastEthernet] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"& GeneralProcessorUnit&"-FastEth_"& FastEthernet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFGJLIIOX22AGTPCB0221VYNIL	PMIFINBROADCASTPKTS	NUMBER	[FastEthernet] pmIfInBroadcastPkts
RFGJLIKOX22AGTPCB0221VYNIL	PMIFINDISCARDS	NUMBER	[FastEthernet] pmIfInDiscards
RFGJLIMOX22AGTPCB0221VYNIL	PMIFINERRORS	NUMBER	[FastEthernet] pmIfInErrors
RFGJLIOOX22AGTPCB0221VYNIL	PMIFINMULTICASTPKTS	NUMBER	[FastEthernet] pmIfInMulticastPkts
RFGJLIQOX22AGTPCB0221VYNIL	PMIFINOCTETSHI	NUMBER	[FastEthernet] TotIfInOctets
RFGJLISOX22AGTPCB0221VYNIL	PMIFINOCTETSLO	NUMBER	[FastEthernet] pmIfInOctetsLo
RFGJLIWOX22AGTPCB0221VYNIL	PMIFINUCASTPKTS	NUMBER	[FastEthernet] pmIfInUcastPkts
RFGJLIYOX22AGTPCB0221VYNIL	PMIFINUNKNOWNPROTOS	NUMBER	[FastEthernet] pmIfInUnknownProtos
RFGJLJ1OX22AGTPCB0221VYNIL	PMIFOUTBROADCASTPKTS	NUMBER	[FastEthernet] pmIfOutBroadcastPkts
RFGJLJ3OX22AGTPCB0221VYNIL	PMIFOUTDISCARDS	NUMBER	[FastEthernet] pmIfOutDiscards
RFGJLJ5OX22AGTPCB022	PMIFOUTERRORS	NUMBER	[FastEthernet] pmIfOutErrors

1VYNIL			
RFGJLJAOX22AGTPCB02 21VYNIL	PMIFOUTMULTICASTP KTS	NUMBER	[FastEthernet] pmIfOutMulticastPkts
RFGJLJCOX22AGTPCB02 21VYNIL	PMIFOUTOCTETSHI	NUMBER	[FastEthernet] TotIfOutOctets
RFGJLJEOX22AGTPCB022 1VYNIL	PMIFOUTOCTETSLO	NUMBER	[FastEthernet] pmIfOutOctetsLo
RFGJLJIOX22AGTPCB022 1VYNIL	PMIFOUTUCASTPKTS	NUMBER	[FastEthernet] pmIfOutUcastPkts

7.15 Raw Gcp_Association Tables

7.15.1 ERI_GCP_ASSOC_QOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
GCP_ASSOCIATION_ID		VARCHAR2(50)	[MgwApplication_GcpAssociation] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Gcp_Association_" & Gcp_Association
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQW6X3YLP2AHUOVR02 OFB3L3M	PMNOOFSCTPCOMMUNICATIO NERR	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpCom municationErr
XNQW6X5YLP2AHUOVR02 OFB3L3M	PMNOOFSCTPCOMMUNICATIO NLOST	NUMBER	[MgwApplication_GcpAssociation]

			pmNoOfSctpCommunicationLost
XNQW6XAYLP2AHUOVR02OFB3L3M	PMNOOFSCTPCONGCEASEDINDI	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpCongestionCeasedIndication
XNQW6XCYLP2AHUOVR02OFB3L3M	PMNOOFSCTPCONGINDICATION	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpCongestionIndication
XNQW6XEYLP2AHUOVR02OFB3L3M	PMNOOFSCTPGCPMSGDISCARDED	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpGcpMsgDiscarded
XNQW6XGYLP2AHUOVR02OFB3L3M	PMNOOFSCTPMAXTRIFORASSESTREA	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpMaxTrialsForAssocEstabReached
XNQW6XIYLP2AHUOVR02OFB3L3M	PMNOOFSCTPNETWORKSTATUSCHANGE	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpNetworkStatusChange
XNQW6XKYLP2AHUOVR02OFB3L3M	PMNOOFSCTPSENDFAILURE	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpSendFailure
XNQW6XMYLP2AHUOVR02OFB3L3M	PMNOOFSCTPSUCCESSASSOCABORT	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpSuccessAssocAbort
XNQW6XOYLP2AHUOVR02OFB3L3M	PMNOOFSCTPSUCCASSOCESTAB	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpSuccessAssocEstablish
XNQW6XQYLP2AHUOVR02OFB3L3M	PMNOOFSCTPUNSUCCASSOCESTAB	NUMBER	[MgwApplication_GcpAssociation] pmNoOfSctpUnsuccessAssocEstabli

			sh

7.16 Raw GigabitEthernet Tables

7.16.1 ERI_MGW_GIGAER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
GIGABITETHERNET_ID		VARCHAR2(100)	[Ess_GigaBitEthernet] nEDistinguishedName _MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&EtMfg& "-GB_"& GigaBitEthernet
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RFGJLK1OX22AGTPCB0221VYNIL	PMDOT1QTPVLANPORTINDISCLINK1	NUMBER	[Ess_GigaBitEthernet] pmDot1qTpVlanPortInDiscardsLink1
RFGJLK3OX22AGTPCB0221VYNIL	PMDOT1QTPVLANPORTINDISCLINK2	NUMBER	[Ess_GigaBitEthernet] pmDot1qTpVlanPortInDiscardsLink2
RFGJLK5OX22AGTPCB0221VYNIL	PMIFINBROADCASTPKTSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInBroadcastPktsLink1
RLGQUEKOX22AGTPCB0221VYNIL	PMIFINBROADCASTPKTSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInBroadcastPktsLink2
RLGQUEMOX22AGTPCB0221VYNIL	PMIFINDISCARDSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInDiscardsLink1
RLGQUEOOX22AGTPCB0221VYNIL	PMIFINDISCARDSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInDiscardsLink2

RLGQUEQOX22AGTPCB02 21VYNIL	PMIFINERRORSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInErrorsLink1
RLGQUESOX22AGTPCB02 21VYNIL	PMIFINERRORSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInErrorsLink2
RLGQUEUOX22AGTPCB02 21VYNIL	PMIFINMULTICASTPKTSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInMulticastPktsLink1
RLGQUEWOX22AGTPCB02 21VYNIL	PMIFINMULTICASTPKTSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInMulticastPktsLink2
RLGQUEYOX22AGTPCB02 21VYNIL	PMIFINOCTETSLINK1HI	NUMBER	[Ess_GigaBitEthernet] pmIfInOctetsLink1Hi
RLGQUF1OX22AGTPCB022 1VYNIL	PMIFINOCTETSLINK1LO	NUMBER	[Ess_GigaBitEthernet] pmIfInOctetsLink1Lo
RLGQUF3OX22AGTPCB022 1VYNIL	PMIFINOCTETSLINK2HI	NUMBER	[Ess_GigaBitEthernet] pmIfInOctetsLink2Hi
RLGQUF5OX22AGTPCB022 1VYNIL	PMIFINOCTETSLINK2LO	NUMBER	[Ess_GigaBitEthernet] pmIfInOctetsLink2Lo
RLGQUFEOX22AGTPCB02 21VYNIL	PMIFINUCASTPKTSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInUcastPktsLink1
RLGQUFGOX22AGTPCB02 21VYNIL	PMIFINUCASTPKTSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInUcastPktsLink2
RLGQUFIOX22AGTPCB022 1VYNIL	PMIFINUNKNOWNPROTOSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfInUnknownProtosLink1
RLGQUFKOX22AGTPCB02 21VYNIL	PMIFINUNKNOWNPROTOSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfInUnknownProtosLink2
RLGQUFMOX22AGTPCB02 21VYNIL	PMIFOUTBROADCASTPKTSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfOutBroadcastPktsLink1
RLGQUFOOX22AGTPCB02 21VYNIL	PMIFOUTBROADCASTPKTSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfOutBroadcastPktsLink2
RLGQUFQOX22AGTPCB02 21VYNIL	PMIFOUTDISCARDSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfOutDiscardsLink1
RLGQUFSOX22AGTPCB022	PMIFOUTDISCARDSLINK2	NUMBER	[Ess_GigaBitEthernet]

1VYNIL			pmIfOutDiscardsLink2
RLGQUFUOX22AGTPCB02 21VYNIL	PMIFOUTERRORSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfOutErrorsLink1
RLGQUFWOX22AGTPCB02 21VYNIL	PMIFOUTERRORSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfOutErrorsLink2
RLGQUFYOX22AGTPCB02 21VYNIL	PMIFOUTMULTICASTPKTSL INK1	NUMBER	[Ess_GigaBitEthernet] pmIfOutMulticastPkts Link1
RLGQUG1OX22AGTPCB02 21VYNIL	PMIFOUTMULTICASTPKTSL INK2	NUMBER	[Ess_GigaBitEthernet] pmIfOutMulticastPkts Link2
RLGQUG3OX22AGTPCB02 21VYNIL	PMIFOUTOCTETSLINK1HI	NUMBER	[Ess_GigaBitEthernet] pmIfOutOctetsLink1Hi
RLGQUG5OX22AGTPCB02 21VYNIL	PMIFOUTOCTETSLINK1LO	NUMBER	[Ess_GigaBitEthernet] pmIfOutOctetsLink1L o
RLGQUGAOX22AGTPCB02 21VYNIL	PMIFOUTOCTETSLINK2HI	NUMBER	[Ess_GigaBitEthernet] pmIfOutOctetsLink2Hi
RLGQUGCOX22AGTPCB02 21VYNIL	PMIFOUTOCTETSLINK2LO	NUMBER	[Ess_GigaBitEthernet] pmIfOutOctetsLink2L o
RLGQUGIOX22AGTPCB022 1VYNIL	PMIFOUTUCASTPKTSLINK1	NUMBER	[Ess_GigaBitEthernet] pmIfOutUcastPktsLink 1
RLGQUGKOX22AGTPCB02 21VYNIL	PMIFOUTUCASTPKTSLINK2	NUMBER	[Ess_GigaBitEthernet] pmIfOutUcastPktsLink 2

7.17 Raw IMA Tables

7.17.1 ERI_IMA_IMA_GROUP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_ID		VARCHAR2(50)	[ImaGroup] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-ImaGrp_" & ImaGroup
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RRHUQSKOX22AGTPCB0221VYNIL	PMGRFC	NUMBER	[ImaGroup] pmGrFc
RRHUQSMOX22AGTPCB0221VYNIL	PMGRFCFE	NUMBER	[ImaGroup] pmGrFcFe
RRHUQSOOX22AGTPCB0221VYNIL	PMGRUASIMA	NUMBER	[ImaGroup] pmGrUasIma

7.17.2 ERI_IMA_IMA_LINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_ID		VARCHAR2(50)	[ImaLink] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-" & ImaGroup & "-ImaLink_" & ImaLink
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RRHUQSQOX22AGTPCB0221VYNIL	PMIVIMA	NUMBER	[ImaLink] pmIvIma
RRHUQSSOX22AGTPCB0221VYNIL	PMOIFIMA	NUMBER	[ImaLink] pmOifIma
RRHUQSUOX22AGTPCB0221VYNIL	PMRXFC	NUMBER	[ImaLink] pmRxFc
RRHUQSWOX22AGTPCB0221VYNIL	PMRXFCFE	NUMBER	[ImaLink] pmRxFcFe
RRHUQSYOX22AGTPCB0221VYNIL	PMRXSTUFFIMA	NUMBER	[ImaLink] pmRxStuffIma
RRHUQT1OX22AGTPCB0221VYNIL	PMRXUUSIMA	NUMBER	[ImaLink] pmRxUusIma
RRHUQT3OX22AGTPCB02	PMRXUUSIMAFE	NUMBER	[ImaLink] pmRxUusImaFe

21VYNIL			
RRHUQT5OX22AGTPCB02 21VYNIL	PMSESIMA	NUMBER	[ImaLink] pmSesIma
RRHUQTAOX22AGTPCB02 21VYNIL	PMSESIMAFE	NUMBER	[ImaLink] pmSesImaFe
RRHUQTCOX22AGTPCB02 21VYNIL	PMTXFC	NUMBER	[ImaLink] pmTxFc
RRHUQTEOX22AGTPCB02 21VYNIL	PMTXFCFE	NUMBER	[ImaLink] pmTxFcFe
RRHUQTGOX22AGTPCB02 21VYNIL	PMTXSTUFFIMA	NUMBER	[ImaLink] pmTxStuffIma
RRHUQTIOX22AGTPCB022 1VYNIL	PMTXUUSIMA	NUMBER	[ImaLink] pmTxUusIma
RRHUQTKOX22AGTPCB02 21VYNIL	PMTXUUSIMAFE	NUMBER	[ImaLink] pmTxUusImaFe
RRHUQTMOX22AGTPCB02 21VYNIL	PMUASIMA	NUMBER	[ImaLink] pmUasIma
RRHUQTOOX22AGTPCB02 21VYNIL	PMUASIMAFE	NUMBER	[ImaLink] pmUasImaFe

7.18 Raw Interactive_Messaging Tables

7.18.1 ERI_IA_MESS_IA_MESS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
INTERACTIVE_MESSAGING_ID		VARCHAR2(50)	[InteractiveMessaging_ImBasicMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImBscMsg_" & ImBasicMessage [InteractiveMessaging_ImMe

Column Name	Column Alias	Data Type	Loader Block/Mapping
			ssageComposition] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImMsgComp_" & ImMessageComposition [InteractiveMessaging_ImVariableMessage] nEDistinguishedName_MeContext & "/" & InteractiveMessaging &"-ImVrblMsg_" & ImVariableMessage
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6G5EOX22AGTPCB0221VYNIL	PMCALLATTEMPTS	NUMBER	[InteractiveMessaging_ImBasicMessage] pmCallAttempts [InteractiveMessaging_ImMessageComposition] pmCallAttempts [InteractiveMessaging_ImVariableMessage] pmCallAttempts
RXH6G5GOX22AGTPCB0221VYNIL	PMFAILEDCALLATTEMPTS	NUMBER	[InteractiveMessaging_ImBasicMessage] pmFailedCallAttempts [InteractiveMessaging_ImMessageComposition] pmFailedCallAttempts [InteractiveMessaging_ImVariableMessage] pmFailedCallAttempts

7.19 Raw Ip_Atm_Link Tables

7.19.1 ERI_MGW_IPATMLK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_ATM_LINK_ID		VARCHAR2(50)	[IpAtmLink] nEDistinguishedName_MeContext & "/" & IpSystem

			&"-" & Ip & "-IpAtmLk_" & IpAtmLink
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6G5KOX22AGTPCB02 21VYNIL	PMNOOFIFINDISCARDS	NUMBER	[IpAtmLink] pmNoOfIfInDiscards
RXH6G5MOX22AGTPCB02 21VYNIL	PMNOOFIFINERRORS	NUMBER	[IpAtmLink] pmNoOfIfInErrors
RXH6G5OOX22AGTPCB02 21VYNIL	PMNOOFIFINNUCASTP KTS	NUMBER	[IpAtmLink] pmNoOfIfInNUcastPkts
RXH6G5QOX22AGTPCB02 21VYNIL	PMNOOFIFINUCASTPK TS	NUMBER	[IpAtmLink] pmNoOfIfInUcastPkts
RXH6G5SOX22AGTPCB022 1VYNIL	PMNOOFIFOUTDISCAR DS	NUMBER	[IpAtmLink] pmNoOfIfOutDiscards
RXH6G5UOX22AGTPCB02 21VYNIL	PMNOOFIFOUTNUCAST PKTS	NUMBER	[IpAtmLink] pmNoOfIfOutNUcastPkts
RXH6G5WOX22AGTPCB02 21VYNIL	PMNOOFIFOUTUCASTP KTS	NUMBER	[IpAtmLink] pmNoOfIfOutUcastPkts

7.20 Raw IP_Interface Tables

7.20.1 ERI_IP_INTFACE_IP_PL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
INTERFACE_ID		VARCHAR2(100)	[IpSystem_IpAccessHostEt] nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostEt_"&IpAccessHostEt [IpSystem_IpAccessHostGpb]

			nEDistinguishedName_MeContext&"/"&IpSystem&"-IpAccessHostGpb_"&IpAccessHostGpb [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] nEDistinguishedName_MeContext &"/"&IpSystem&"-"&UdpHostMainMsb&"-Msb_"&IpAccessUdpHostMsb
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6G5AOX22AGTPCB0221VYNIL	PMIPINDISCARDS	NUMBER	[IpSystem_IpAccessHostEt] pmIpInDiscards [IpSystem_IpAccessHostGpb] pmIpInDiscards [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] pmIpInDiscards
RXH6G5COX22AGTPCB0221VYNIL	PMIPOUTDISCARDS	NUMBER	[IpSystem_IpAccessHostEt] pmIpOutDiscards [IpSystem_IpAccessHostGpb] pmIpOutDiscards [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] pmIpOutDiscards
XNQWABEYLP2AHUOVR02OFB3L3M	PMICMPINECHOREPS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInEchoReps
XNQWABGYLP2AHUOVR02OFB3L3M	PMICMPINECHOS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInEchos
XNQWABIYLP2AHUOVR02OFB3L3M	PMICMPINPARAMPROBS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInParamProbs
XNQWABKYLP2AHUOVR02OFB3L3M	PMICMPINREDIRECTS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInRedirects
XNQWABMYLP2AHUOVR02OFB3L3M	PMICMPINSRCQUENCHS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInSrcQuenchs

XNQWABOYLP2AHUOVR02OFB3L3M	PMICMPINTIMEEXCDS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInTimeExcds
XNQWABQYLP2AHUOVR02OFB3L3M	PMICMPOUTECHOREPS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpOutEchoReps
XNQWABSYLP2AHUOVR02OFB3L3M	PMICMPOUTECHOS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpOutEchos
XNQWABUYLP2AHUOVR02OFB3L3M	PMICMPOUTERRORS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpOutErrors
XNQWABWYLP2AHUOVR02OFB3L3M	PMICMPOUTPARAMPROBS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpOutParamProbs
RRHUQUKOX22AGTPCB0221VYNIL	PMICMPINDESTUNREACHS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInDestUnreachs [IpSystem_IpAccessHostGpb] pmIcmpInDestUnreachs [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] pmIcmpInDestUnreachs
RRHUQUMOX22AGTPCB0221VYNIL	PMICMPINERRORS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInErrors [IpSystem_IpAccessHostGpb] pmIcmpInErrors [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] pmIcmpInErrors
RRHUQUOOX22AGTPCB0221VYNIL	PMICMPINMSGS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpInMsgs [IpSystem_IpAccessHostGpb] pmIcmpInMsgs [IpSystem_UdpHostMainMsb_IpAccessUdpHostMsb] pmIcmpInMsgs
RRHUQUQOX22AGTPCB0221VYNIL	PMICMPOUTDESTUNREACHS	NUMBER	[IpSystem_IpAccessHostEt] pmIcmpOutDestUnreachs [IpSystem_IpAccessHost

			Gpb] pmIcmpOutDestUnreachs [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIcmpOutDestUnreachs
RRHUQUSOX22AGTPCB0221 VYNIL	PMICMPOUTMSGS	NUMBER	[IpSystem_IpAccessHostE t] pmIcmpOutMsgs [IpSystem_IpAccessHost Gpb] pmIcmpOutMsgs [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIcmpOutMsgs
RRHUQUUOX22AGTPCB022 1VYNIL	PMIPINADDRERRORS	NUMBER	[IpSystem_IpAccessHostE t] pmIpInAddrErrors [IpSystem_IpAccessHost Gpb] pmIpInAddrErrors [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpInAddrErrors
RRHUQUWOX22AGTPCB022 1VYNIL	PMIPINDELIVERS	NUMBER	[IpSystem_IpAccessHostE t] pmIpInDelivers [IpSystem_IpAccessHost Gpb] pmIpInDelivers [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpInDelivers
RRHUQUYOX22AGTPCB022 1VYNIL	PMIPINHDRERRORS	NUMBER	[IpSystem_IpAccessHostE t] pmIpInHdrErrors [IpSystem_IpAccessHost Gpb] pmIpInHdrErrors [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpInHdrErrors
RRHUQV1OX22AGTPCB0221 VYNIL	PMIPINRECEIVES	NUMBER	[IpSystem_IpAccessHostE t] pmIpInReceives [IpSystem_IpAccessHost Gpb] pmIpInReceives [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpInReceives
RRHUQV3OX22AGTPCB0221	PMIPINUNKNOWNPRO	NUMBER	[IpSystem_IpAccessHostE

VYNIL	TOS		t] pmIpInUnknownProtos [IpSystem_IpAccessHost Gpb] pmIpInUnknownProtos [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpInUnknownProtos
RRHUQV5OX22AGTPCB0221 VYNIL	PMIPOUTREQUESTS	NUMBER	[IpSystem_IpAccessHostE t] pmIpOutRequests [IpSystem_IpAccessHost Gpb] pmIpOutRequests [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmIpOutRequests
RRHUQVAOX22AGTPCB022 1VYNIL	PMUDPINDATAGRAMS	NUMBER	[IpSystem_IpAccessHostE t] pmUdpInDatagrams [IpSystem_IpAccessHost Gpb] pmUdpInDatagrams [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmUdpInDatagrams
RRHUQVCOX22AGTPCB022 1VYNIL	PMUDPINERRORS	NUMBER	[IpSystem_IpAccessHostE t] pmUdpInErrors [IpSystem_IpAccessHost Gpb] pmUdpInErrors [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmUdpInErrors
RRHUQVEOX22AGTPCB0221 VYNIL	PMUDPNOPORTS	NUMBER	[IpSystem_IpAccessHostE t] pmUdpNoPorts [IpSystem_IpAccessHost Gpb] pmUdpNoPorts [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmUdpNoPorts
RRHUQVGOX22AGTPCB022 1VYNIL	PMUDPOUTDATAGRA MS	NUMBER	[IpSystem_IpAccessHostE t] pmUdpOutDatagrams [IpSystem_IpAccessHost

			Gpb] pmUdpOutDatagrams [IpSystem_UdpHostMain Msb_IpAccessUdpHostMs b] pmUdpOutDatagrams

7.20.2 ERI_MGW_IPGIGA_IF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
INTERFACE_ID		VARCHAR2(50)	[Ess_IpInterface] nEDistinguishedNam e_MeContext &"/"&Equipment&"-" &Subrack&"-"&Slot &"-"&PlugInUnit&"- "&EtMfg&"-"&Giga BitEthernet&"- IpIf_"&IpInterface
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQW6XSYLP2AHUOVR02OFB3L3M	PMNOOFFAILEDPNGSDEFROUTER0	NUMBER	[Ess_IpInterface] pmNoOfFailedPings DefaultRouter0
XNQW6XUYLP2AHUOVR02OFB3L3M	PMNOOFFAILEDPNGSDEFROUTER1	NUMBER	[Ess_IpInterface] pmNoOfFailedPings DefaultRouter1
XNQW6XWYLP2AHUOVR02OFB3L3M	PMNOOFFAILEDPNGSDEFROUTER2	NUMBER	[Ess_IpInterface] pmNoOfFailedPings DefaultRouter2
RRHUQTQOX22AGTPCB0221VYNIL	PMDOT1QTPVLANPORTINFRAMES	NUMBER	[Ess_IpInterface] pmDot1qTpVlanPortI nFrames
RRHUQTSOX22AGTPCB0221VYNIL	PMDOT1QTPVLANPORTOUTFRAMES	NUMBER	[Ess_IpInterface] pmDot1qTpVlanPort OutFrames
RRHUQTUOX22AGTPCB0221VYNIL	PMIFSTATSIPADDRERRORS	NUMBER	[Ess_IpInterface] pmIfStatsIpAddrError s

RRHUQTWOX22AGTPCB0221VYNIL	PMIFSTATSIPINDISCARDS	NUMBER	[Ess_IpInterface] pmIfStatsIpInDiscards
RRHUQTYOX22AGTPCB0221VYNIL	PMIFSTATSIPINHDRERRORS	NUMBER	[Ess_IpInterface] pmIfStatsIpInHdrErrors
RRHUQU1OX22AGTPCB0221VYNIL	PMIFSTATSIPINRECEIVES	NUMBER	[Ess_IpInterface] pmIfStatsIpInReceives
RRHUQU3OX22AGTPCB0221VYNIL	PMIFSTATSIPOUTDISCARDS	NUMBER	[Ess_IpInterface] pmIfStatsIpOutDiscards
RRHUQU5OX22AGTPCB0221VYNIL	PMIFSTATSIPOUTREQUESTS	NUMBER	[Ess_IpInterface] pmIfStatsIpOutRequests
RRHUQUAOX22AGTPCB0221VYNIL	PMIFSTATSIPUNKNOWNPROTOS	NUMBER	[Ess_IpInterface] pmIfStatsIpUnknownProtos

7.21 Raw Ip_Protocol_Layer Tables

7.21.1 ERI_MGW_IPPROTO_IF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IP_PROTOCOL_LAYER_ID		VARCHAR2(50)	[ManagedElement_Ip] nEDistinguishedName_MeContext & "/" & IpOam & "-Ip_" & Ip
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6G5YOX22AGTPCB0221VYNIL	PMNOOFHDRERRORS	NUMBER	[ManagedElement_Ip] pmNoOfHdrErrors
RXH6G61OX22AGTPCB02	PMNOOFIPADDRERROR	NUMBER	[ManagedElement_Ip]

21VYNIL	S		pmNoOfIpAddrErrors
RXH6G63OX22AGTPCB02 21VYNIL	PMNOOFIPFORWDATA GRAMS	NUMBER	[ManagedElement_Ip] pmNoOfIpForwDatagrams
RXH6G65OX22AGTPCB02 21VYNIL	PMNOOFIPINDISCARDS	NUMBER	[ManagedElement_Ip] pmNoOfIpInDiscards
RXH6G6AOX22AGTPCB02 21VYNIL	PMNOOFIPINRECEIVES	NUMBER	[ManagedElement_Ip] pmNoOfIpInReceives
RXH6G6COX22AGTPCB02 21VYNIL	PMNOOFIPOUTDISCAR DS	NUMBER	[ManagedElement_Ip] pmNoOfIpOutDiscards
RXH6G6EOX22AGTPCB02 21VYNIL	PMNOOFIPREASMOKS	NUMBER	[ManagedElement_Ip] pmNoOfIpReasmOKs
RXH6G6GOX22AGTPCB02 21VYNIL	PMNOOFIPREASMREQD S	NUMBER	[ManagedElement_Ip] pmNoOfIpReasmReqds

7.22 Raw IUA_App_Server Tables

7.22.1 ERI_IUA_APPSVR_QOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUA_APP_SERVER_ID		VARCHA R2(50)	[ManagedElement_Ac cessSignalling_IuaApp licationServer] nEDistinguishedName _MeContext & "/" & ManagedElement & "-" & AccessSignalling & "- IUA_App_Server_" & IUA_App_Server
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQW6XYYLP2AHUOVR02 OFB3L3M	PMIUASCTPCOMLOSTEXT REASONS	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmIuaSctpComLostEx tReasons
XNQW6Y1YLP2AHUOVR02	PMIUASCTPCOMLOSTINTR	NUMBER	[ManagedElement_Ac

OFB3L3M	EASONS		cessSignalling_IuaApp licationServer] pmIuaSctpComLostInt Reasons
XNQW6Y3YLP2AHUOVR02 OFB3L3M	PMRECASPDNMESSAGES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmRecAspdnMessages
XNQW6Y5YLP2AHUOVR02 OFB3L3M	PMRECASPIAMESSAGES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmRecAspiaMessages
XNQW6YAYLP2AHUOVR02 OFB3L3M	PMSENTIUAMESSAGES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmSentIuaMessages
XNQW6YCYLP2AHUOVR02 OFB3L3M	PMSENTQPTMMESSAGES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmSentQptmMessages
XNQW6YEYLP2AHUOVR02 OFB3L3M	PMUNSENTIUAMESSAGES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmUnsentIuaMessages
XNQW6YGYLP2AHUOVR02 OFB3L3M	PMUNSENTQPTMMESSAG ES	NUMBER	[ManagedElement_Ac cessSignalling_IuaApp licationServer] pmUnsentQptmMessa ges

7.23 Raw Medium_Access_Unit Tables

7.23.1 ERI_MGW_MAU_ETHER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

Column Name	Column Alias	Data Type	Loader Block/Mapping
MEDIUM_ACCESS_UNIT_ID		VARCHAR2(50)	[MediumAccessUnit] nEDistinguishedName _MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&GeneralProcessorUnit&"-MAU_"& MediumAccessUnit
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VLQOX22AGTPCB0221VYNIL	PMNOOFDOT3STATSFCSERRORS	NUMBER	[MediumAccessUnit] pmNoOfDot3StatsFCSErrors
SPL2VLSOX22AGTPCB0221VYNIL	PMNOOFDOT3STATSLATECOLLISIONS	NUMBER	[MediumAccessUnit] pmNoOfDot3StatsLateCollisions

7.24 Raw MGW Tables

7.24.1 ERI_MGW_ACC_RET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_ID		VARCHAR2(50)	[MgwApplication_Aggregated] nEDistinguishedName_MeContext
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6G6IOX22AGTPCB0221VYNIL	PMNROFAAL2TERMSREJ	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfAal2TermsRej
RXH6G6KOX22AGTPCB0221VYNIL	PMNROFTDMTERMSREJ	NUMBER	[MgwApplication_Aggregated] TDMGrp_pmNrOfTDMTermsRej

RXH6G6MOX22AGTPCB0221VYNIL	PMNROFAAL2TERMSREQ	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfAal2TermsReq
RXH6G6OOX22AGTPCB0221VYNIL	PMNROFIPTERMSREQ	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfIpTermsReq
RXH6G6QOX22AGTPCB0221VYNIL	PMNROFTDMTERMSREQ	NUMBER	[MgwApplication_Aggregated] TDMGrp_pmNrOfTDMTermsReq
RXH6G6WOX22AGTPCB0221VYNIL	PMNOFMEDIASTRCHANREJDUETOCAP	NUMBER	[MgwApplication_Aggregated] pmNrOfMediaStreamChannelsRejectedDueToCapacity
RXH6G6YOX22AGTPCB0221VYNIL	PMNROFIPTERMSREJ	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfIpTermsRej
RXH6GA1OX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYCSDFAULTAEST	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfGcpNotifyCsdFaultAEst
RXH6GA3OX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYSPEECHFAULTAEST	NUMBER	[MgwApplication_Aggregated] VMGW_pmNrOfGcpNotifySpeechFaultAEst

7.24.2 ERI_MGW_CONQOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_ID		VARCHAR2(50)	[Mgw_Aggregated_Ansi] nEDistinguishedName_Me

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			Context [Mgw_Aggregated_China] nEDistinguishedName_Me Context [Mgw_Aggregated_Itu] nEDistinguishedName_Me Context [Mgw_Aggregated_Ttc] nEDistinguishedName_Me Context
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWABYYLP2AHUOVR02 OFB3L3M	R_PMRTPDISCARDEDP KTS	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpDiscardedPkt s [Mgw_Aggregated_China] RSite_pmRtpDiscardedPkt s [Mgw_Aggregated_Itu] RSite_pmRtpDiscardedPkt s [Mgw_Aggregated_Ttc] RSite_pmRtpDiscardedPkt s
XNQWAC1YLP2AHUOVR02 OFB3L3M	R_PMRTPLOSTPKTS	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpLostPkts [Mgw_Aggregated_China] RSite_pmRtpLostPkts [Mgw_Aggregated_Itu] RSite_pmRtpLostPkts [Mgw_Aggregated_Ttc] RSite_pmRtpLostPkts
XNQWAC3YLP2AHUOVR02 OFB3L3M	R_PMRTPRECEIVEDPK TSHI	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpReceivedPkts Hi [Mgw_Aggregated_China] RSite_pmRtpReceivedPkts Hi [Mgw_Aggregated_Itu] RSite_pmRtpReceivedPkts Hi [Mgw_Aggregated_Ttc] RSite_pmRtpReceivedPkts

			Hi
XNQWAC5YLP2AHUOVR02OFB3L3M	R_PMRTPRECEIVEDPKTSLO	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpReceivedPkts Lo [Mgw_Aggregated_China] RSite_pmRtpReceivedPkts Lo [Mgw_Aggregated_Itu] RSite_pmRtpReceivedPkts Lo [Mgw_Aggregated_Ttc] RSite_pmRtpReceivedPkts Lo
XNQWACAYLP2AHUOVR02OFB3L3M	IPAHG_PMIPINADDRERRORS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpInAddrErrors [Mgw_Aggregated_China] IpAHG_pmIpInAddrErrors [Mgw_Aggregated_Itu] IpAHG_pmIpInAddrErrors [Mgw_Aggregated_Ttc] IpAHG_pmIpInAddrErrors
XNQWACCYLP2AHUOVR02OFB3L3M	IPAHG_PMIPINDISCARDS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpInDiscards [Mgw_Aggregated_China] IpAHG_pmIpInDiscards [Mgw_Aggregated_Itu] IpAHG_pmIpInDiscards [Mgw_Aggregated_Ttc] IpAHG_pmIpInDiscards
XNQWACEYLP2AHUOVR02OFB3L3M	IPAHG_PMIPINHDRERRORS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpInHdrErrors [Mgw_Aggregated_China] IpAHG_pmIpInHdrErrors [Mgw_Aggregated_Itu] IpAHG_pmIpInHdrErrors [Mgw_Aggregated_Ttc] IpAHG_pmIpInHdrErrors
XNQWACGYLP2AHUOVR02	IPAHG_PMIPINRECEIV	NUMBER	[Mgw_Aggregated_Ansi]

			IpAHG_pmIpInReceives [Mgw_Aggregated_China] IpAHG_pmIpInReceives
OFB3L3M	ES		[Mgw_Aggregated_Itu] IpAHG_pmIpInReceives [Mgw_Aggregated_Ttc] IpAHG_pmIpInReceives
XNQWACIYLP2AHUOVR02O FB3L3M	IPAHG_PMIPINUNKNO WNPROTOS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpInUnknownP rotos [Mgw_Aggregated_China] IpAHG_pmIpInUnknownP rotos [Mgw_Aggregated_Itu] IpAHG_pmIpInUnknownP rotos [Mgw_Aggregated_Ttc] IpAHG_pmIpInUnknownP rotos
XNQWACKYLP2AHUOVR02 OFB3L3M	IPAHG_PMIPOUTDISC ARDS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpOutDiscards [Mgw_Aggregated_China] IpAHG_pmIpOutDiscards [Mgw_Aggregated_Itu] IpAHG_pmIpOutDiscards [Mgw_Aggregated_Ttc] IpAHG_pmIpOutDiscards
XNQWACMYLP2AHUOVR02 OFB3L3M	IPAHG_PMIPOUTREQU ESTS	NUMBER	[Mgw_Aggregated_Ansi] IpAHG_pmIpOutRequests [Mgw_Aggregated_China] IpAHG_pmIpOutRequests [Mgw_Aggregated_Itu] IpAHG_pmIpOutRequests [Mgw_Aggregated_Ttc] IpAHG_pmIpOutRequests
XNQWAE1YLP2AHUOVR02 OFB3L3M	R_PMRTPRECEIVEDOC TETSHI	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpReceivedOcte tsHi [Mgw_Aggregated_China] RSite_pmRtpReceivedOcte tsHi [Mgw_Aggregated_Itu] RSite_pmRtpReceivedOcte

			tsHi [Mgw_Aggregated_Ttc] RSite_pmRtpReceivedOcte tsHi
XNQWAE3YLP2AHUOVR02 OFB3L3M	R_PMRTPRECEIVEDOC TETSLO	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpReceivedOcte tsLo [Mgw_Aggregated_China] RSite_pmRtpReceivedOcte tsLo [Mgw_Aggregated_Itu] RSite_pmRtpReceivedOcte tsLo [Mgw_Aggregated_Ttc] RSite_pmRtpReceivedOcte tsLo
XNQWAE5YLP2AHUOVR02 OFB3L3M	UR_PMRTPRECEIVEDP KTSHI	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpReceivedPk tsHi [Mgw_Aggregated_China] URSite_pmRtpReceivedPk tsHi [Mgw_Aggregated_Itu] URSite_pmRtpReceivedPk tsHi [Mgw_Aggregated_Ttc] URSite_pmRtpReceivedPk tsHi
XNQWAEAYLP2AHUOVR02 OFB3L3M	UR_PMRTPRECEIVEDP KTSLO	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpReceivedPk tsLo [Mgw_Aggregated_China] URSite_pmRtpReceivedPk tsLo [Mgw_Aggregated_Itu] URSite_pmRtpReceivedPk tsLo [Mgw_Aggregated_Ttc] URSite_pmRtpReceivedPk

			tsLo
XNQWAECYLP2AHUOVR02OFB3L3M	UR_PMRTPRECEIVEDOCTETSHI	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpReceivedOctetsHi [Mgw_Aggregated_China] URSite_pmRtpReceivedOctetsHi [Mgw_Aggregated_Itu] URSite_pmRtpReceivedOctetsHi [Mgw_Aggregated_Ttc] URSite_pmRtpReceivedOctetsHi
XNQWAEEYLP2AHUOVR02OFB3L3M	UR_PMRTPRECEIVEDOCTETSLO	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpReceivedOctetsLo [Mgw_Aggregated_China] URSite_pmRtpReceivedOctetsLo [Mgw_Aggregated_Itu] URSite_pmRtpReceivedOctetsLo [Mgw_Aggregated_Ttc] URSite_pmRtpReceivedOctetsLo
XNQWAEGYLP2AHUOVR02OFB3L3M	R_PMRTPSENTPKTSHI	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpSentPktsHi [Mgw_Aggregated_China] RSite_pmRtpSentPktsHi [Mgw_Aggregated_Itu] RSite_pmRtpSentPktsHi [Mgw_Aggregated_Ttc] RSite_pmRtpSentPktsHi
XNQWAEIYLP2AHUOVR02OFB3L3M	R_PMRTPSENTPKTSLO	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpSentPktsLo [Mgw_Aggregated_China] RSite_pmRtpSentPktsLo [Mgw_Aggregated_Itu] RSite_pmRtpSentPktsLo [Mgw_Aggregated_Ttc] RSite_pmRtpSentPktsLo
XNQWAEKYLP2AHUOVR02OFB3L3M	R_PMRTPSENTOCTETSHI	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpSentOctetsHi

			[Mgw_Aggregated_China] RSite_pmRtpSentOctetsHi [Mgw_Aggregated_Itu] RSite_pmRtpSentOctetsHi [Mgw_Aggregated_Ttc] RSite_pmRtpSentOctetsHi
XNQWAEMYLP2AHUOVR02 OFB3L3M	R_PMRTPSENTOCTETS LO	NUMBER	[Mgw_Aggregated_Ansi] RSite_pmRtpSentOctetsLo [Mgw_Aggregated_China] RSite_pmRtpSentOctetsLo [Mgw_Aggregated_Itu] RSite_pmRtpSentOctetsLo [Mgw_Aggregated_Ttc] RSite_pmRtpSentOctetsLo
XNQWAEOYLP2AHUOVR02 OFB3L3M	UR_PMRTPSENTPKTS HI	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpSentPktsHi [Mgw_Aggregated_China] URSite_pmRtpSentPktsHi [Mgw_Aggregated_Itu] URSite_pmRtpSentPktsHi [Mgw_Aggregated_Ttc] URSite_pmRtpSentPktsHi
XNQWAEQYLP2AHUOVR02 OFB3L3M	UR_PMRTPSENTPKTSL O	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpSentPktsLo [Mgw_Aggregated_China] URSite_pmRtpSentPktsLo [Mgw_Aggregated_Itu] URSite_pmRtpSentPktsLo [Mgw_Aggregated_Ttc] URSite_pmRtpSentPktsLo
XNQWAESYLP2AHUOVR02 OFB3L3M	UR_PMRTPSENTOCTE TSHI	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpSentOctets Hi [Mgw_Aggregated_China] URSite_pmRtpSentOctets Hi [Mgw_Aggregated_Itu] URSite_pmRtpSentOctets

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Column Name	Column Alias	Data Type	Loader Block/Mapping
			Hi [Mgw_Aggregated_Ttc] URSite_pmRtpSentOctets Hi
XNQWAEUYLP2AHUOVR02 OFB3L3M	UR_PMRTPSENTOCTE TSLO	NUMBER	[Mgw_Aggregated_Ansi] URSite_pmRtpSentOctets Lo [Mgw_Aggregated_China] URSite_pmRtpSentOctets Lo [Mgw_Aggregated_Itu] URSite_pmRtpSentOctets Lo [Mgw_Aggregated_Ttc] URSite_pmRtpSentOctets Lo
SLEC44X0EI2AIEOWB035XX KYWP	UR_PMRTPDISCARDE DPKTS	NUMBER	[Mgw_Aggregated_Ansi] UR_pmRtpDiscardedPkts [Mgw_Aggregated_China] UR_pmRtpDiscardedPkts [Mgw_Aggregated_Itu] UR_pmRtpDiscardedPkts [Mgw_Aggregated_Ttc] UR_pmRtpDiscardedPkts
SLEC4500EI2AIEOWB035XX KYWP	UR_PMRTPLOSTPKTS	NUMBER	[Mgw_Aggregated_Ansi] UR_pmRtpLostPkts [Mgw_Aggregated_China] UR_pmRtpLostPkts [Mgw_Aggregated_Itu] UR_pmRtpLostPkts [Mgw_Aggregated_Ttc] UR_pmRtpLostPkts

7.24.3 ERI_MGW_SIG_TRAFFIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_ID		VARCHAR2(50)	[Mgw_Aggregated_Ansi] nEDistinguishedName_Me Context [Mgw_Aggregated_China] nEDistinguishedName_Me Context

			[Mgw_Aggregated_Itu] nEDistinguishedName_Me Context [Mgw_Aggregated_Ttc] nEDistinguishedName_Me Context
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWACOYLP2AHUOVR 02OFB3L3M	M3UA_PMNOOFDATAMSG REC	NUMBER	[Mgw_Aggregated_Ansi] M3uA_pmNoOfDataMsg Rec [Mgw_Aggregated_China] M3uA_pmNoOfDataMsg Rec [Mgw_Aggregated_Itu] M3uA_pmNoOfDataMsg Rec [Mgw_Aggregated_Ttc] M3uA_pmNoOfDataMsg Rec
XNQWACQYLP2AHUOVR 02OFB3L3M	M3UA_PMNOOFDATAMSG SENT	NUMBER	[Mgw_Aggregated_Ansi] M3uA_pmNoOfDataMsgS ent [Mgw_Aggregated_China] M3uA_pmNoOfDataMsgS ent [Mgw_Aggregated_Itu] M3uA_pmNoOfDataMsgS ent [Mgw_Aggregated_Ttc] M3uA_pmNoOfDataMsgS ent
XNQWACSYLP2AHUOVR 02OFB3L3M	MTP3BSLS_PMNOOFMSUR EC	NUMBER	[Mgw_Aggregated_Ansi] Mtp3bSls_pmNoOfMSUR ec [Mgw_Aggregated_China] Mtp3bSls_pmNoOfMSUR

			ec
			[Mgw_Aggregated_Itu] Mtp3bSls_pmNoOfMSUR ec
			[Mgw_Aggregated_Ttc] Mtp3bSls_pmNoOfMSUR ec
XNQWACUYLP2AHUOVR 02OFB3L3M	MTP3BSLS_PMNOOFMSUS ENT	NUMBE R	[Mgw_Aggregated_Ansi] Mtp3bSls_pmNoOfMSUS ent [Mgw_Aggregated_China] Mtp3bSls_pmNoOfMSUS ent [Mgw_Aggregated_Itu] Mtp3bSls_pmNoOfMSUS ent [Mgw_Aggregated_Ttc] Mtp3bSls_pmNoOfMSUS ent
XNQWACWYLP2AHUOV R02OFB3L3M	PMGCPNROFRECEIVEDME SSAGES	NUMBE R	[Mgw_Aggregated_Ansi] VMGW_pmGcpNrOfRece ivedMessages [Mgw_Aggregated_China] VMGW_pmGcpNrOfRece ivedMessages [Mgw_Aggregated_Itu] VMGW_pmGcpNrOfRece ivedMessages [Mgw_Aggregated_Ttc] VMGW_pmGcpNrOfRece ivedMessages
XNQWACYYLP2AHUOVR 02OFB3L3M	VMGW_PMGCPNROFSENT MESSAGES	NUMBE R	[Mgw_Aggregated_Ansi] VMGW_pmGcpNrOfSent Messages [Mgw_Aggregated_China] VMGW_pmGcpNrOfSent Messages [Mgw_Aggregated_Itu] VMGW_pmGcpNrOfSent Messages [Mgw_Aggregated_Ttc] VMGW_pmGcpNrOfSent Messages

XNQWAD1YLP2AHUOVR02OFB3L3M	PMSUCCINCONNSREMQOSCLASSA	NUMBER	[Mgw_Aggregated_Ansi] Aal2Ap_pmSuccInConnsRemoteQosClassA [Mgw_Aggregated_China] Aal2Ap_pmSuccInConnsRemoteQosClassA [Mgw_Aggregated_Itu] Aal2Ap_pmSuccInConnsRemoteQosClassA [Mgw_Aggregated_Ttc] Aal2Ap_pmSuccInConnsRemoteQosClassA
XNQWAD3YLP2AHUOVR02OFB3L3M	PMSUCCOUTCONNSREMQOSCLASSA	NUMBER	[Mgw_Aggregated_Ansi] Aal2Ap_pmSuccOutConnsRemoteQosClassA [Mgw_Aggregated_China] Aal2Ap_pmSuccOutConnsRemoteQosClassA [Mgw_Aggregated_Itu] Aal2Ap_pmSuccOutConnsRemoteQosClassA [Mgw_Aggregated_Ttc] Aal2Ap_pmSuccOutConnsRemoteQosClassA
XNQWAD5YLP2AHUOVR02OFB3L3M	AAL2AP_PMUNRECMESSAGES	NUMBER	[Mgw_Aggregated_Ansi] Aal2Ap_pmUnRecMessages [Mgw_Aggregated_China] Aal2Ap_pmUnRecMessages [Mgw_Aggregated_Itu] Aal2Ap_pmUnRecMessages [Mgw_Aggregated_Ttc] Aal2Ap_pmUnRecMessages
XNQWADAYLP2AHUOVR02OFB3L3M	PMUNSUCCINCONNSLOCQOSCLASSA	NUMBER	[Mgw_Aggregated_Ansi] Aal2Ap_pmUnSuccInConnsLocalQosClassA

			[Mgw_Aggregated_China] Aal2Ap_pmUnSuccInCon nsLocalQosClassA [Mgw_Aggregated_Itu] Aal2Ap_pmUnSuccInCon nsLocalQosClassA [Mgw_Aggregated_Ttc] Aal2Ap_pmUnSuccInCon nsLocalQosClassA
XNQWADCYLP2AHUOVR 02OFB3L3M	PMUNSUCCINCONNSREMQ OSCLASSA	NUMBE R	[Mgw_Aggregated_Ansi] Aal2Ap_pmUnSuccInCon nsRemoteQosClassA [Mgw_Aggregated_China] Aal2Ap_pmUnSuccInCon nsRemoteQosClassA [Mgw_Aggregated_Itu] Aal2Ap_pmUnSuccInCon nsRemoteQosClassA [Mgw_Aggregated_Ttc] Aal2Ap_pmUnSuccInCon nsRemoteQosClassA
XNQWADEYLP2AHUOVR 02OFB3L3M	PMUNSUCCOUTCONNSRE MQOSCLASSA	NUMBE R	[Mgw_Aggregated_Ansi] Aal2Ap_pmUnSuccOutCo nnsRemoteQosClassA [Mgw_Aggregated_China] Aal2Ap_pmUnSuccOutCo nnsRemoteQosClassA [Mgw_Aggregated_Itu] Aal2Ap_pmUnSuccOutCo nnsRemoteQosClassA [Mgw_Aggregated_Ttc] Aal2Ap_pmUnSuccOutCo nnsRemoteQosClassA
XNQWADGYLP2AHUOV R02OFB3L3M	SCCPSP_PMNOOFLUDTREC	NUMBE R	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfLUDTRe c [Mgw_Aggregated_China] SccpSp_pmNoOfLUDTRe c [Mgw_Aggregated_Itu] SccpSp_pmNoOfLUDTRe c [Mgw_Aggregated_Ttc] SccpSp_pmNoOfLUDTRe

			c
XNQWADIYLP2AHUOVR02OFB3L3M	SCCPSP_PMNOOFLUDTSSENT	NUMBER	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfLUDTSSent [Mgw_Aggregated_China] SccpSp_pmNoOfLUDTSSent [Mgw_Aggregated_Itu] SccpSp_pmNoOfLUDTSSent [Mgw_Aggregated_Ttc] SccpSp_pmNoOfLUDTSSent
XNQWADKYLP2AHUOVR02OFB3L3M	SCCPSP_PMNOOFUDTREC	NUMBER	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfUDTRec [Mgw_Aggregated_China] SccpSp_pmNoOfUDTRec [Mgw_Aggregated_Itu] SccpSp_pmNoOfUDTRec [Mgw_Aggregated_Ttc] SccpSp_pmNoOfUDTRec
XNQWADMYLP2AHUOVR02OFB3L3M	SCCPSP_PMNOOFUDTSREC	NUMBER	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfUDTSRec [Mgw_Aggregated_China] SccpSp_pmNoOfUDTSRec [Mgw_Aggregated_Itu] SccpSp_pmNoOfUDTSRec [Mgw_Aggregated_Ttc] SccpSp_pmNoOfUDTSRec
XNQWADOYLP2AHUOVR02OFB3L3M	SCCPSP_PMNOOFUDTSSENT	NUMBER	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfUDTSSent [Mgw_Aggregated_China] SccpSp_pmNoOfUDTSSe

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

			nt [Mgw_Aggregated_Itu] SccpSp_pmNoOfUDTSSe nt [Mgw_Aggregated_Ttc] SccpSp_pmNoOfUDTSSe nt
XNQWADQYLP2AHUOV R02OFB3L3M	SCCPSP_PMNOOFUDTSENT	NUMBE R	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfUDTSent [Mgw_Aggregated_China] SccpSp_pmNoOfUDTSent [Mgw_Aggregated_Itu] SccpSp_pmNoOfUDTSent [Mgw_Aggregated_Ttc] SccpSp_pmNoOfUDTSent
XNQWADSYLP2AHUOVR 02OFB3L3M	SCCPSP_PMNOOFXUDTRE C	NUMBE R	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfXUDTRe c [Mgw_Aggregated_China] SccpSp_pmNoOfXUDTRe c [Mgw_Aggregated_Itu] SccpSp_pmNoOfXUDTRe c [Mgw_Aggregated_Ttc] SccpSp_pmNoOfXUDTRe c
XNQWADUYLP2AHUOV R02OFB3L3M	SCCPSP_PMNOOFXUDTSRE C	NUMBE R	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfXUDTS Rec [Mgw_Aggregated_China] SccpSp_pmNoOfXUDTS Rec [Mgw_Aggregated_Itu] SccpSp_pmNoOfXUDTS Rec [Mgw_Aggregated_Ttc] SccpSp_pmNoOfXUDTS Rec
XNQWADWYLP2AHUOV R02OFB3L3M	SCCPSP_PMNOOFXUDTSSE NT	NUMBE R	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfXUDTSS ent [Mgw_Aggregated_China]

			SccpSp_pmNoOfXUDTSSent [Mgw_Aggregated_Itu] SccpSp_pmNoOfXUDTSSent [Mgw_Aggregated_Ttc] SccpSp_pmNoOfXUDTSSent
XNQWADYYLP2AHUOVR02OFB3L3M	SCCPSP_PMNOOFXUDTSENT	NUMBER	[Mgw_Aggregated_Ansi] SccpSp_pmNoOfXUDTSent [Mgw_Aggregated_China] SccpSp_pmNoOfXUDTSent [Mgw_Aggregated_Itu] SccpSp_pmNoOfXUDTSent [Mgw_Aggregated_Ttc] SccpSp_pmNoOfXUDTSent
XNQWAEWYLP2AHUOVR02OFB3L3M	M3UA_PMNOOFRECUSERDATA	NUMBER	[Mgw_Aggregated_Ansi] M3uA_pmNoOfRecUserData [Mgw_Aggregated_China] M3uA_pmNoOfRecUserData [Mgw_Aggregated_Itu] M3uA_pmNoOfRecUserData [Mgw_Aggregated_Ttc] M3uA_pmNoOfRecUserData
XNQWAEYYLP2AHUOVR02OFB3L3M	M3UA_PMNOOFSENTUSERDATA	NUMBER	[Mgw_Aggregated_Ansi] M3uA_pmNoOfSentUserData [Mgw_Aggregated_China] M3uA_pmNoOfSentUserData [Mgw_Aggregated_Itu]

			M3uA_pmNoOfSentUser Data [Mgw_Aggregated_Ttc] M3uA_pmNoOfSentUser Data
XNQWAF1YLP2AHUOVR 02OFB3L3M	SCTP_PMSCTPSTATRECCH UNKS	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatRecChun ks [Mgw_Aggregated_China] Sctp_pmSctpStatRecChun ks [Mgw_Aggregated_Itu] Sctp_pmSctpStatRecChun ks [Mgw_Aggregated_Ttc] Sctp_pmSctpStatRecChun ks
XNQWAF3YLP2AHUOVR 02OFB3L3M	PMSCTPSTATRECCHUNKS DROPPED	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatRecChun ksDropped [Mgw_Aggregated_China] Sctp_pmSctpStatRecChun ksDropped [Mgw_Aggregated_Itu] Sctp_pmSctpStatRecChun ksDropped [Mgw_Aggregated_Ttc] Sctp_pmSctpStatRecChun ksDropped
XNQWAF5YLP2AHUOVR 02OFB3L3M	PMSCTPSTATRECEIVEDCT RLCHUNKS	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatReceived ControlChunks [Mgw_Aggregated_China] Sctp_pmSctpStatReceived ControlChunks [Mgw_Aggregated_Itu] Sctp_pmSctpStatReceived ControlChunks [Mgw_Aggregated_Ttc] Sctp_pmSctpStatReceived ControlChunks
XNQWAFAYLP2AHUOVR 02OFB3L3M	PMSCTPSTATRECEIVEDPA CKAGES	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatReceived

			Packages [Mgw_Aggregated_China] Sctp_pmSctpStatReceived Packages [Mgw_Aggregated_Itu] Sctp_pmSctpStatReceived Packages [Mgw_Aggregated_Ttc] Sctp_pmSctpStatReceived Packages
XNQWAFCYLP2AHUOVR02OFB3L3M	SCTP_PMSCTPSTATRETRANSCHUNKS	NUMBER	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatRetransChunks [Mgw_Aggregated_China] Sctp_pmSctpStatRetransChunks [Mgw_Aggregated_Itu] Sctp_pmSctpStatRetransChunks [Mgw_Aggregated_Ttc] Sctp_pmSctpStatRetransChunks
XNQWAFEYLP2AHUOVR02OFB3L3M	SCTP_PMSCTPSTATSENTCHUNKS	NUMBER	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatSentChunks [Mgw_Aggregated_China] Sctp_pmSctpStatSentChunks [Mgw_Aggregated_Itu] Sctp_pmSctpStatSentChunks [Mgw_Aggregated_Ttc] Sctp_pmSctpStatSentChunks
XNQWAFGYLP2AHUOVR02OFB3L3M	PMSCTPSTATSENTCHUNKSDROPPED	NUMBER	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatSentChunksDropped [Mgw_Aggregated_China] Sctp_pmSctpStatSentChun

			ksDropped [Mgw_Aggregated_Itu] Sctp_pmSctpStatSentChun ksDropped [Mgw_Aggregated_Ttc] Sctp_pmSctpStatSentChun ksDropped
XNQWAFIYLP2AHUOVR0 2OFB3L3M	PMSCTPSTATSENTCONTR OLCHUNKS	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatSentContr olChunks [Mgw_Aggregated_China] Sctp_pmSctpStatSentContr olChunks [Mgw_Aggregated_Itu] Sctp_pmSctpStatSentContr olChunks [Mgw_Aggregated_Ttc] Sctp_pmSctpStatSentContr olChunks
XNQWAFKYLP2AHUOVR 02OFB3L3M	SCTP_PMSCTPSTATSENTP ACKAGES	NUMBE R	[Mgw_Aggregated_Ansi] Sctp_pmSctpStatSentPack ages [Mgw_Aggregated_China] Sctp_pmSctpStatSentPack ages [Mgw_Aggregated_Itu] Sctp_pmSctpStatSentPack ages [Mgw_Aggregated_Ttc] Sctp_pmSctpStatSentPack ages
XNQWAFMYLP2AHUOV R02OFB3L3M	IUA_PMSENTQPTMMESSA GES	NUMBE R	[Mgw_Aggregated_Ansi] IUA_pmSentQptmMessag es [Mgw_Aggregated_China] IUA_pmSentQptmMessag es [Mgw_Aggregated_Itu] IUA_pmSentQptmMessag es [Mgw_Aggregated_Ttc] IUA_pmSentQptmMessag es

7.24.4 ERI_SOFTLIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_ID		VARCHAR2(50)	[MgwApplication] nEDistinguishedName_MeContext
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RXH6GAEOX22AGTPCB0221VYNIL	PMNROFMEDIASTREAMCHANNELSREQ	NUMBER	[MgwApplication] pmNrOfMediaStreamChannelsReq
RXH6GAGOX22AGTPCB0221VYNIL	PMNROFREJSBYSTATICADMCTRL	NUMBER	[MgwApplication] pmNrOfRejsByStaticAdmCtrl
RXH6GAIOX22AGTPCB0221VYNIL	PMUSEDBANDWIDTHFORIPTRANSPORT	NUMBER	[MgwApplication] pmUsedBandwidthForIpTransport
RXH6GAKOX22AGTPCB0221VYNIL	PMNROFEMERGENCYCALLS	NUMBER	[MgwApplication] pmNrOfEmergencyCalls
RXH6GAUOX22AGTPCB0221VYNIL	MAXNROFLICMEDIASTREAMCHANNELS	NUMBER	[MgwApplication] maxNrOfLicMediaStreamChannels
XNQWA1KYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRNBPTIME20	NUMBER	[MgwApplication] pmAverageBwA

			mrNbPtime20
XNQWA1MYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRVOIPPTIME20	NUMBER	[MgwApplication] pmAverageBwAmrVoipPtime20
XNQWA1OYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRVOIPPTIME40	NUMBER	[MgwApplication] pmAverageBwAmrVoipPtime40
XNQWA1QYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRWBNBPTIME20	NUMBER	[MgwApplication] pmAverageBwAmrWbNbPtime20
XNQWA1SYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRWBVOIPPTIME20	NUMBER	[MgwApplication] pmAverageBwAmrWbVoipPtime20
XNQWA1UYLP2AHUOVR02OFB3L3M	PMAVERAGEBWAMRWBVOIPPTIME40	NUMBER	[MgwApplication] pmAverageBwAmrWbVoipPtime40
XNQWA1WYLP2AHUOVR02OFB3L3M	PMAVERAGEBWEFRNBPTIME20	NUMBER	[MgwApplication] pmAverageBwEfrNbPtime20
XNQWA1YYLP2AHUOVR02OFB3L3M	PMAVERAGEBWEFRVOIPPTIME20	NUMBER	[MgwApplication] pmAverageBwEfrVoipPtime20
XNQWA21YLP2AHUOVR02OFB3L3M	PMAVERAGEBWEFRVOIPPTIME40	NUMBER	[MgwApplication] pmAverageBwEfrVoipPtime40
XNQWA23YLP2AHUOVR02OFB3L3M	PMAVERAGEBWG729PTIME10	NUMBER	[MgwApplication] pmAverageBwG729Ptime10

XNQWA25YLP2AHUOVR02OFB3L3M	PMAVERAGEBWG729PTIME20	NUMBER	[MgwApplication] pmAverageBwG729Ptime20
XNQWA2AYLP2AHUOVR02OFB3L3M	PMAVERAGEBWG729PTIME30	NUMBER	[MgwApplication] pmAverageBwG729Ptime30
XNQWA2CYLP2AHUOVR02OFB3L3M	PMAVERAGEBWG729PTIME40	NUMBER	[MgwApplication] pmAverageBwG729Ptime40
XNQWA2EYLP2AHUOVR02OFB3L3M	PMAVERAGEBWINMARSATIUPTIME20	NUMBER	[MgwApplication] pmAverageBwInmarsatIuPtime20
XNQWA2GYLP2AHUOVR02OFB3L3M	PMNROFAMRWBUNITSREJDUETOCAP	NUMBER	[MgwApplication] pmNrOfAmrWbUnitsRejDueToCapacity
XNQWA2IYLP2AHUOVR02OFB3L3M	PMNROFG729UNITSREJDUETOCAP	NUMBER	[MgwApplication] pmNrOfG729UnitsRejDueToCapacity
XNQWA2KYLP2AHUOVR02OFB3L3M	PMNROFMEDIASTREAMCHSUSEDAMRWB	NUMBER	[MgwApplication] pmNrOfMediaStreamChsUsedAmrWb
XNQWA2MYLP2AHUOVR02OFB3L3M	PMNROFMEDIASTREAMCHSUSEDG729	NUMBER	[MgwApplication] pmNrOfMediaStreamChsUsedG729

Column Name	Column Alias	Data Type	Loader Block/Mapping
XNQWA2OYLP2AHUOVR02OFB3L3M	PMNROFREJSBYISLOVERLOAD	NUMBER	[MgwApplication] pmNrOfRejsByIslOverload
XNQWA2QYLP2AHUOVR02OFB3L3M	PMUSEDBANDWFORSITEINTIPTRANS	NUMBER	[MgwApplication] pmUsedBandwidthForSiteIntIpTrans
RXH6GA5OX22AGTPCB0221VYNIL	PMNROFMEDIASTREAMCHANNELSBUSY	NUMBER	[MgwApplication] pmNrOfMediaStreamChannelsBusy
RXH6GAAOX22AGTPCB0221VYNIL	PMNOFMEDIASTRCHANREJDUETOCAP	NUMBER	[MgwApplication] pmNrOfMediaStreamChannelsRejectedDueToCapacity
RXH6GACOX22AGTPCB0221VYNIL	PMNROFREJEMCCALLS	NUMBER	[MgwApplication] pmNrOfRejEmcCalls

7.25 Raw MGW_Resource_Pool Tables

7.25.1 ERI_MGW_CSDFAX_PL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_CsdGsmFaxService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFax_"&CsdGsmFaxService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

SYM6LYSELP2AHT30R02O FAWJHE	PMATTEMPTCMM	NUMBER	[MsProcessing_CsdGsmFa xService] pmAttemptCmm
TAT2011ELP2AHT30R02OF AWJHE	PMSUCCCMM	NUMBER	[MsProcessing_CsdGsmFa xService] pmSuccCmm
S4GTMQQOX22AGTPCB02 21VYNIL	PMSYNCTRANSFAXMO DEMGSM	NUMBER	[MsProcessing_CsdGsmFa xService] pmSyncTransFaxModemG sm
S4GTMQSOX22AGTPCB02 21VYNIL	PMUNSUCCCMM	NUMBER	[MsProcessing_CsdGsmFa xService] pmUnsuccCmm
S4GTMQUOX22AGTPCB02 21VYNIL	PMV27TER	NUMBER	[MsProcessing_CsdGsmFa xService] pmV27ter
S4GTMQWOX22AGTPCB02 21VYNIL	PMV29	NUMBER	[MsProcessing_CsdGsmFa xService] pmV29

7.25.2 ERI_MGW_RESRC_JITTER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHA R2(50)	[MsProcessing_Jitter HandlingService] nEDistinguishedNa me_MeContext & "/" & MsProcessing&"- JitterHandling_"&Jit terHandlingService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S4GTMROOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO0	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio0
S4GTMRQOX22AGTPCB0221	PMATMCNCONNLATEPKTS	NUMBER	[MsProcessing_Jitter

VYNIL	RATIO1		HandlingService] pmAtmCnConnLate PktsRatio1
S4GTMRSOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO2	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio2
S4GTMRUOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO3	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio3
SDIU3OKOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO4	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio4
SDIU3OMOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO5	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio5
SDIU3OOOX22AGTPCB0221 VYNIL	PMATMCNCONNLATEPKTS RATIO6	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnLate PktsRatio6
SDIU3OQOX22AGTPCB0221 VYNIL	PMATMCNCONNMEASURED JITTER0	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnMea suredJitter0
SDIU3OSOX22AGTPCB0221 VYNIL	PMATMCNCONNMEASURED JITTER1	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnMea suredJitter1
SDIU3OUOX22AGTPCB0221 VYNIL	PMATMCNCONNMEASURED JITTER2	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnMea suredJitter2
SDIU3OWOX22AGTPCB0221 VYNIL	PMATMCNCONNMEASURED JITTER3	NUMBER	[MsProcessing_Jitter HandlingService] pmAtmCnConnMea suredJitter3
SDIU3OYOX22AGTPCB0221	PMATMCNCONNMEASURED	NUMBER	[MsProcessing_Jitter

VYNIL	JITTER4		HandlingService] pmAtmCnConnMeasuredJitter4
SDIU3P1OX22AGTPCB0221VYNIL	PMATMCNCONNMEASUREDJITTER5	NUMBER	[MsProcessing_JitterHandlingService] pmAtmCnConnMeasuredJitter5
SDIU3P3OX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO0	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio0
SDIU3P5OX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO1	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio1
SDIU3PAOX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO2	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio2
SDIU3PCOX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO3	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio3
SDIU3PEOX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO4	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio4
SDIU3PGOX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO5	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio5
SDIU3PIOX22AGTPCB0221VYNIL	PMATMRANCONNLATEPKTSRATIO6	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnLatePktsRatio6

SDIU3PKOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER0	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter0
SDIU3PMOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER1	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter1
SDIU3POOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER2	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter2
SDIU3PQOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER3	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter3
SDIU3PSOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER4	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter4
SDIU3PUOX22AGTPCB0221VYNIL	PMATMRANCONNMEASUREDJITTER5	NUMBER	[MsProcessing_JitterHandlingService] pmAtmRanConnMeasuredJitter5
SDIU3PWOX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO0	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio0
SDIU3PYOX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO1	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio1
SDIU3Q1OX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO2	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio2
SDIU3Q3OX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO3	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio3

SDIU3Q5OX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO4	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio4
SDIU3QAOX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO5	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio5
SDIU3QCOX22AGTPCB0221VYNIL	PMIPCNCONNLATEPKTSRATIO6	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnLatePktsRatio6
SDIU3QEOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER0	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter0
SDIU3QGOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER1	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter1
SDIU3QIOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER2	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter2
SDIU3QKOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER3	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter3
SDIU3QMOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER4	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter4
SDIU3QOOX22AGTPCB0221VYNIL	PMIPCNCONNMEASUREDJITTER5	NUMBER	[MsProcessing_JitterHandlingService] pmIpCnConnMeasuredJitter5

SDIU3QQOX22AGTPCB0221VYNIL	PMLATEPKTSATMCN	NUMBER	[MsProcessing_Jitter HandlingService] pmLatePktsAtmCn
SDIU3QSOX22AGTPCB0221VYNIL	PMLATEPKTSATMRAN	NUMBER	[MsProcessing_Jitter HandlingService] pmLatePktsAtmRan
SDIU3QUOX22AGTPCB0221VYNIL	PMLATEPKTSIPCN	NUMBER	[MsProcessing_Jitter HandlingService] pmLatePktsIpCn
SDIU3QWOX22AGTPCB0221VYNIL	PMSUCCTRANSMITTEDPKTSATMCN	NUMBER	[MsProcessing_Jitter HandlingService] pmSuccTransmitted PktsAtmCn
SDIU3QYOX22AGTPCB0221VYNIL	PMSUCCTRANSMITTEDPKTSATMRAN	NUMBER	[MsProcessing_Jitter HandlingService] pmSuccTransmitted PktsAtmRan
SDIU3R1OX22AGTPCB0221VYNIL	PMSUCCTRANSMITTEDPKTSIPCN	NUMBER	[MsProcessing_Jitter HandlingService] pmSuccTransmitted PktsIpCn
XNQW6YIYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO0	NUMBER	[MsProcessing_Jitter HandlingService] pmIpRanConnLateP ktsRatio0
XNQW6YKYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO1	NUMBER	[MsProcessing_Jitter HandlingService] pmIpRanConnLateP ktsRatio1
XNQW6YMYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO2	NUMBER	[MsProcessing_Jitter HandlingService] pmIpRanConnLateP ktsRatio2
XNQW6YOYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO3	NUMBER	[MsProcessing_Jitter HandlingService] pmIpRanConnLateP ktsRatio3
XNQW6YQYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO4	NUMBER	[MsProcessing_Jitter HandlingService] pmIpRanConnLateP

			ktsRatio4
XNQW6YSYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO5	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnLatePktsRatio5
XNQW6YUYLP2AHUOVR02OFB3L3M	PMIPRANCONNLATEPKTSRATIO6	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnLatePktsRatio6
XNQW6YWYLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER0	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter0
XNQW6YYYLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER1	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter1
XNQWA01YLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER2	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter2
XNQWA03YLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER3	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter3
XNQWA05YLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER4	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter4
XNQWA0AYLP2AHUOVR02OFB3L3M	PMIPRANCONNMEASUREDJITTER5	NUMBER	[MsProcessing_JitterHandlingService] pmIpRanConnMeasuredJitter5
XNQWA0CYLP2AHUOVR02OFB3L3M	PMLATEPKTSIPRAN	NUMBER	[MsProcessing_JitterHandlingService]

			pmLatePktsIpRan
XNQWA0EYLP2AHUOVR02OFB3L3M	PMLATEPKTSVOIP	NUMBER	[MsProcessing_JitterHandlingService] pmLatePktsVoIp
XNQWA0GYLP2AHUOVR02OFB3L3M	PMSUCCTRANSMITTEDPKTSIPRAN	NUMBER	[MsProcessing_JitterHandlingService] pmSuccTransmittedPktsIpRan
XNQWA0IYLP2AHUOVR02OFB3L3M	PMSUCCTRANSMITTEDPKTSVOIP	NUMBER	[MsProcessing_JitterHandlingService] pmSuccTransmittedPktsVoIp
XNQWA0KYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO0	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio0
XNQWA0MYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO1	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio1
XNQWA0OYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO2	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio2
XNQWA0QYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO3	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio3
XNQWA0SYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO4	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio4
XNQWA0UYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO5	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio5
XNQWA0WYLP2AHUOVR02OFB3L3M	PMVOIPCONNLATEPKTSRATIO6	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnLatePktsRatio6

XNQWA0YYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER0	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter0
XNQWA11YLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER1	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter1
XNQWA13YLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER2	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter2
XNQWA15YLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER3	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter3
XNQWA1AYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER4	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter4
XNQWA1CYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER5	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter5
XNQWA1EYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER6	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter6
XNQWA1GYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER7	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter7
XNQWA1IYLP2AHUOVR02OFB3L3M	PMVOIPCONNMEASUREDJITTER8	NUMBER	[MsProcessing_JitterHandlingService] pmVoIpConnMeasuredJitter8

7.25.3 ERI_MGW_RESRC_TFO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_TfoService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Tfo_"&TfoService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWA41YLP2AHUOVR02OFB3L3M	PMTFOAMRWBDROPPEDCALLS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbDroppedCalls
XNQWA43YLP2AHUOVR02OFB3L3M	PMTFOAMRWBENDPOINTMODE	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbEndPointMode
XNQWA45YLP2AHUOVR02OFB3L3M	PMTFOAMRWBESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbEstablishments
XNQWA4AYLP2AHUOVR02OFB3L3M	PMTFOAMRWBFALLBACKS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbFallbacks
XNQWA4CYLP2AHUOVR02OFB3L3M	PMTFOAMRWBNEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbNegotiations
XNQWA4EYLP2AHUOVR02OFB3L3M	PMTFOAMRWBREESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbReEstablishments
XNQWA4GYLP2AHUOVR02OFB3L3M	PMTFOAMRWBRENEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoAmrWbReNeg

			otiations
SDIU3RAOX22AGTPCB0221VYNIL	PMTFOAMRNBDROPPEDCALLS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbDroppedCalls
SDIU3RCOX22AGTPCB0221VYNIL	PMTFOAMRNBENDPOINTMODE	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbEndPointMode
SDIU3REOX22AGTPCB0221VYNIL	PMTFOAMRNBESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbEstablishments
SDIU3RGOX22AGTPCB0221VYNIL	PMTFOAMRNBFALLBACKS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbFallbacks
SDIU3RIOX22AGTPCB0221VYNIL	PMTFOAMRNBNEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbNegotiations
SDIU3RKOX22AGTPCB0221VYNIL	PMTFOAMRNBREESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbReEstablishments
SJIRUFKOX22AGTPCB0221VYNIL	PMTFOAMRNBRENEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoAmrNbReNegotiations
SJIRUFMOX22AGTPCB0221VYNIL	PMTFOEFRDROPPEDCALLS	NUMBER	[MsProcessing_TfoService] pmTfoEfrDroppedCalls
SJIRUFOOX22AGTPCB0221VYNIL	PMTFOEFRENDPOINTMODE	NUMBER	[MsProcessing_TfoService]

Column Name	Column Alias	Data Type	Loader Block/Mapping
			pmTfoEfrEndPointMode
SJIRUFQOX22AGTPCB0221VYNIL	PMTFOEFRESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoEfrEstablishments
SJIRUFSOX22AGTPCB0221VYNIL	PMTFOEFRFALLBACKS	NUMBER	[MsProcessing_TfoService] pmTfoEfrFallbacks
SJIRUFUOX22AGTPCB0221VYNIL	PMTFOEFRNEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoEfrNegotiations
SJIRUFWOX22AGTPCB0221VYNIL	PMTFOEFRREESTABLISHMENTS	NUMBER	[MsProcessing_TfoService] pmTfoEfrReEstablishments
SJIRUFYOX22AGTPCB0221VYNIL	PMTFOEFRRENEGOTIATIONS	NUMBER	[MsProcessing_TfoService] pmTfoEfrReNegotiations

7.25.4 ERI_MGW_RP_CSD_DP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S4GTMPQOX22AGTPCB0221VYNIL	PMFTMFAILGSM	NUMBER	[MsProcessing_CsdDigitalService] pmFtmFailGsm
S4GTMPSOX22AGTPCB0221VYNIL	PMFTMSUCCGSM	NUMBER	[MsProcessing_CsdDigitalService] pmFtmSuccGsm

S4GTMPUOX22AGTPCB02 21VYNIL	PMMODEMOFAILGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmModemOFailGsm
S4GTMPWOX22AGTPCB02 21VYNIL	PMMODEMOSUCCGSM M	NUMBER	[MsProcessing_CsdDigitalSer vice] pmModemOSuccGsm
S4GTMPYOX22AGTPCB02 21VYNIL	PMMODEMTSUCCGSM M	NUMBER	[MsProcessing_CsdDigitalSer vice] pmModemTSuccGsm
S4GTMQ1OX22AGTPCB02 21VYNIL	PMMODEMTFAILGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmModemTFailGsm
S4GTMQ3OX22AGTPCB02 21VYNIL	PMNUMFTMGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmNumFtmGsm
S4GTMQ5OX22AGTPCB02 21VYNIL	PMNUMMODEMOGS M	NUMBER	[MsProcessing_CsdDigitalSer vice] pmNumModemOGsm
S4GTMQAOX22AGTPCB02 21VYNIL	PMNUMMODEMTGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmNumModemTGsm
S4GTMQCOX22AGTPCB02 21VYNIL	PMNUMUDIGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmNumUdiGsm
S4GTMQEOX22AGTPCB02 21VYNIL	PMUDIFAILGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmUdiFailGsm
S4GTMQGOX22AGTPCB02 21VYNIL	PMUDISUCCGSM	NUMBER	[MsProcessing_CsdDigitalSer vice] pmUdiSuccGsm

7.25.5 ERI_MGW_RP_CSD_MP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_I D		VARCHA R2(50)	[MsProcessing_CsdMode mService] nEDistinguishedName_M eContext & "/" & MsProcessing&"- CsdModem_"&CsdMode mService
TSTAMP		DATE	

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Column Name	Column Alias	Data Type	Loader Block/Mapping
INSTANCE_ID		NUMBER	
S4GTMRKOX22AGTPCB02 21VYNIL	PMV32BIS	NUMBER	[MsProcessing_CsdMode mService] pmV32bis
S4GTMQYOX22AGTPCB02 21VYNIL	PMASYNCNONTRANSMO DEMGSM	NUMBER	[MsProcessing_CsdMode mService] pmAsyncNonTransMode mGsm
S4GTMR1OX22AGTPCB02 21VYNIL	PMASYNCTRANSMODEM GSM	NUMBER	[MsProcessing_CsdMode mService] pmAsyncTransModemGs m
S4GTMR3OX22AGTPCB02 21VYNIL	PMSYNCTRANSMODEMG SM	NUMBER	[MsProcessing_CsdMode mService] pmSyncTransModemGsm
S4GTMR5OX22AGTPCB02 21VYNIL	PMV21GSM	NUMBER	[MsProcessing_CsdMode mService] pmV21Gsm
S4GTMRAOX22AGTPCB02 21VYNIL	PMV22GSM	NUMBER	[MsProcessing_CsdMode mService] pmV22Gsm
S4GTMRCOX22AGTPCB02 21VYNIL	PMV22BISGSM	NUMBER	[MsProcessing_CsdMode mService] pmV22bisGsm
S4GTMREOX22AGTPCB02 21VYNIL	PMV32GSM	NUMBER	[MsProcessing_CsdMode mService] pmV32Gsm
S4GTMRGOX22AGTPCB02 21VYNIL	PMV34GSM	NUMBER	[MsProcessing_CsdMode mService] pmV34Gsm
S4GTMRIOX22AGTPCB022 1VYNIL	PMV90GSM	NUMBER	[MsProcessing_CsdMode mService] pmV90Gsm

7.25.6 ERI_MGW_RP_DEV_POOL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_AmrService] nEDistinguishedName_MeC ontext & "/" & MsProcessing&"- Amr_"&AmrService [MsProcessing_AmrWbServi ce]

			nEDistinguishedName_MeContext & "/" & MsProcessing & "-AmrWbService_" & AmrWbService [MsProcessing_ContinuityCheckService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-ContinuityCheck_"&ContinuityCheckService [MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService [MsProcessing_CsdGsmFaxService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFax_"&CsdGsmFaxService [MsProcessing_CsdGsmFhService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdGsmFh_"&CsdGsmFhService [MsProcessing_CsdModemService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdModem_"&CsdModemService [MsProcessing_DtmfReceiverService]

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				nEDistinguishedName_MeContext & "/" & MsProcessing&"-DtmfReceiver_"&DtmfReceiverService
				[MsProcessing_DtmfSenderService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-DtmfSender_"&DtmfSenderService
				[MsProcessing_EcService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ec_"&EcService
				[MsProcessing_EfrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Efr_"&EfrService
				[MsProcessing_G729Service] nEDistinguishedName_MeContext & "/" & MsProcessing & "-G729Service_" & G729Service
				[MsProcessing_GttService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Gtt_"&GttService
				[MsProcessing_ImService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Im_"&ImService
				[MsProcessing_InmarsatService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-Inmarsat_" & InmarsatService
				[MsProcessing_IpEtService] nEDistinguishedName_MeContext & "/" & MsProcessing

			& "-IpEtService_" & IpEtService [MsProcessing_IpbService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Ipb_"&IpbService [MsProcessing_JitterHandlingService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-JitterHandling_"&JitterHandlingService [MsProcessing_MccService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-Mcc_" & MccService [MsProcessing_MpcService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-Mpc_" & MpcService [MsProcessing_NrService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Nr_"&NrService [MsProcessing_PcmService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-PcmService_" & PcmService [MsProcessing_TfoService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-Tfo_"&TfoService [MsProcessing_ToneSenderService] nEDistinguishedName_MeContext & "/" &

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			MsProcessing&"-ToneSender_"&ToneSenderService [MsProcessing_UpFhService] nEDistinguishedName_MeContext & "/" & MsProcessing & "-UpFh_" & UpFhService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S4GTMPIOX22AGTPCB0221VYNIL	PMSIDACTIVATED	NUMBER	[MsProcessing_AmrService] pmSidActivated [MsProcessing_ContinuityCheckService] pmSidActivated [MsProcessing_CsdDigitalService] pmSidActivated [MsProcessing_CsdGsmFaxService] pmSidActivated [MsProcessing_CsdGsmFhService] pmSidActivated [MsProcessing_CsdModemService] pmSidActivated [MsProcessing_DtmfReceiverService] pmSidActivated [MsProcessing_DtmfSenderService] pmSidActivated [MsProcessing_EcService] pmSidActivated [MsProcessing_EfrService] pmSidActivated [MsProcessing_GttService] pmSidActivated [MsProcessing_ImService] pmSidActivated [MsProcessing_InmarsatService] pmSidActivated [MsProcessing_IpbService] pmSidActivated [MsProcessing_JitterHandlingService] pmSidActivated [MsProcessing_MccService] pmSidActivated [MsProcessing_MpcService] pmSidActivated

			[MsProcessing_NrService] pmSidActivated [MsProcessing_TfoService] pmSidActivated [MsProcessing_ToneSenderS ervice] pmSidActivated [MsProcessing_UpFhService] pmSidActivated
S4GTMPMOX22AGTPCB022 1VYNIL	PMBUSYINSTANCES	NUMBER	[MsProcessing_AmrService] pmBusyInstances [MsProcessing_ContinuityCh eckService] pmBusyInstances [MsProcessing_CsdDigitalSe rvice] pmBusyInstances [MsProcessing_CsdGsmFaxS ervice] pmBusyInstances [MsProcessing_CsdGsmFhSe rvice] pmBusyInstances [MsProcessing_CsdModemS ervice] pmBusyInstances [MsProcessing_DtmfReceive rService] pmBusyInstances [MsProcessing_DtmfSenderS ervice] pmBusyInstances [MsProcessing_EcService] pmBusyInstances [MsProcessing_EfrService] pmBusyInstances [MsProcessing_GttService] pmBusyInstances [MsProcessing_ImService] pmBusyInstances [MsProcessing_InmarsatServ ice] pmBusyInstances [MsProcessing_IpEtService] pmBusyInstances [MsProcessing_IpbService] pmBusyInstances [MsProcessing_JitterHandlin gService] pmBusyInstances

			[MsProcessing_MccService] pmBusyInstances [MsProcessing_MpcService] pmBusyInstances [MsProcessing_NrService] pmBusyInstances [MsProcessing_PcmService] pmBusyInstances [MsProcessing_TfoService] pmBusyInstances [MsProcessing_ToneSenderService] pmBusyInstances [MsProcessing_UpFhService] pmBusyInstances
XNQW6VOYLP2AHUOVR02OFB3L3M	PMBUSYUNITSAMRWB	NUMBER	[MsProcessing_AmrWbService] pmBusyUnitsAmrWb
XNQW6VQYLP2AHUOVR02OFB3L3M	PMBUSYUNITSG729	NUMBER	[MsProcessing_G729Service] pmBusyUnitsG729
RXH6GAWOX22AGTPCB0221VYNIL	PMBUSYDEVICES	NUMBER	[MsProcessing_AmrService] pmBusyDevices [MsProcessing_ContinuityCheckService] pmBusyDevices [MsProcessing_CsdDigitalService] pmBusyDevices [MsProcessing_CsdGsmFaxService] pmBusyDevices [MsProcessing_CsdGsmFhService] pmBusyDevices [MsProcessing_CsdModemService] pmBusyDevices [MsProcessing_DtmfReceiverService] pmBusyDevices [MsProcessing_DtmfSenderService] pmBusyDevices [MsProcessing_EcService] pmBusyDevices [MsProcessing_EfrService] pmBusyDevices [MsProcessing_GttService] pmBusyDevices [MsProcessing_ImService] pmBusyDevices [MsProcessing_InmarsatService] pmBusyDevices

			[MsProcessing_IpbService] pmBusyDevices [MsProcessing_JitterHandlingService] pmBusyDevices [MsProcessing_MccService] pmBusyDevices [MsProcessing_MpcService] pmBusyDevices [MsProcessing_NrService] pmBusyDevices [MsProcessing_TfoService] pmBusyDevices [MsProcessing_ToneSenderService] pmBusyDevices [MsProcessing_UpFhService] pmBusyDevices
RXH6GAYOX22AGTPCB0221VYNIL	PMFORCEDRELEASE	NUMBER	[MsProcessing_AmrService] pmForcedRelease [MsProcessing_AmrWbService] pmForcedRelease [MsProcessing_ContinuityCheckService] pmForcedRelease [MsProcessing_CsdDigitalService] pmForcedRelease [MsProcessing_CsdGsmFaxService] pmForcedRelease [MsProcessing_CsdGsmFhService] pmForcedRelease [MsProcessing_CsdModemService] pmForcedRelease [MsProcessing_DtmfReceiverService] pmForcedRelease [MsProcessing_DtmfSenderService] pmForcedRelease [MsProcessing_EcService] pmForcedRelease [MsProcessing_EfrService] pmForcedRelease [MsProcessing_G729Service]

			pmForcedRelease [MsProcessing_GttService] pmForcedRelease [MsProcessing_ImService] pmForcedRelease [MsProcessing_InmarsatServ ice] pmForcedRelease [MsProcessing_IpEtService] pmForcedRelease [MsProcessing_IpbService] pmForcedRelease [MsProcessing_JitterHandlin gService] pmForcedRelease [MsProcessing_MccService] pmForcedRelease [MsProcessing_MpcService] pmForcedRelease [MsProcessing_NrService] pmForcedRelease [MsProcessing_PcmService] pmForcedRelease [MsProcessing_TfoService] pmForcedRelease [MsProcessing_ToneSenderS ervice] pmForcedRelease [MsProcessing_UpFhService] pmForcedRelease
RXH6GB1OX22AGTPCB0221 VYNIL	PMNORMALRELEAS E	NUMBER	[MsProcessing_AmrService] pmNormalRelease [MsProcessing_AmrWbServi ce] pmNormalRelease [MsProcessing_ContinuityCh eckService] pmNormalRelease [MsProcessing_CsdDigitalSe rvice] pmNormalRelease [MsProcessing_CsdGsmFaxS ervice] pmNormalRelease [MsProcessing_CsdGsmFhSe rvice] pmNormalRelease [MsProcessing_CsdModemS ervice] pmNormalRelease [MsProcessing_DtmfReceive rService] pmNormalRelease [MsProcessing_DtmfSenderS

			ervice] pmNormalRelease [MsProcessing_EcService] pmNormalRelease [MsProcessing_EfrService] pmNormalRelease [MsProcessing_G729Service] pmNormalRelease [MsProcessing_GttService] pmNormalRelease [MsProcessing_ImService] pmNormalRelease [MsProcessing_InmarsatService] pmNormalRelease [MsProcessing_IpEtService] pmNormalRelease [MsProcessing_IpbService] pmNormalRelease [MsProcessing_JitterHandlingService] pmNormalRelease [MsProcessing_MccService] pmNormalRelease [MsProcessing_MpcService] pmNormalRelease [MsProcessing_NrService] pmNormalRelease [MsProcessing_PcmService] pmNormalRelease [MsProcessing_TfoService] pmNormalRelease [MsProcessing_ToneSenderService] pmNormalRelease [MsProcessing_UpFhService] pmNormalRelease
S4GTMPCOX22AGTPCB0221 VYNIL	PMTOTALSEIZURES	NUMBER	[MsProcessing_AmrService] pmTotalSeizures [MsProcessing_AmrWbService] pmTotalSeizures [MsProcessing_ContinuityCheckService] pmTotalSeizures [MsProcessing_CsdDigitalSe

			rvice] pmTotalSeizures [MsProcessing_CsdGsmFaxService] pmTotalSeizures [MsProcessing_CsdGsmFhService] pmTotalSeizures [MsProcessing_CsdModemService] pmTotalSeizures [MsProcessing_DtmfReceiverService] pmTotalSeizures [MsProcessing_DtmfSenderService] pmTotalSeizures [MsProcessing_EcService] pmTotalSeizures [MsProcessing_EfrService] pmTotalSeizures [MsProcessing_G729Service] pmTotalSeizures [MsProcessing_GttService] pmTotalSeizures [MsProcessing_ImService] pmTotalSeizures [MsProcessing_InmarsatService] pmTotalSeizures [MsProcessing_IpEtService] pmTotalSeizures [MsProcessing_IpbService] pmTotalSeizures [MsProcessing_JitterHandlingService] pmTotalSeizures [MsProcessing_MccService] pmTotalSeizures [MsProcessing_MpcService] pmTotalSeizures [MsProcessing_NrService] pmTotalSeizures [MsProcessing_PcmService] pmTotalSeizures [MsProcessing_TfoService] pmTotalSeizures [MsProcessing_ToneSenderService] pmTotalSeizures [MsProcessing_UpFhService] pmTotalSeizures
S4GTMPEOX22AGTPCB0221VYNIL	PMUNSUCCSEIZURES	NUMBER	[MsProcessing_AmrService] pmUnsuccSeizures

			[MsProcessing_AmrWbServi ce] pmUnsuccSeizures [MsProcessing_ContinuityCh eckService] pmUnsuccSeizures [MsProcessing_CsdDigitalSe rvice] pmUnsuccSeizures [MsProcessing_CsdGsmFaxS ervice] pmUnsuccSeizures [MsProcessing_CsdGsmFhSe rvice] pmUnsuccSeizures [MsProcessing_CsdModemS ervice] pmUnsuccSeizures [MsProcessing_DtmfReceive rService] pmUnsuccSeizures [MsProcessing_DtmfSenderS ervice] pmUnsuccSeizures [MsProcessing_EcService] pmUnsuccSeizures [MsProcessing_EfrService] pmUnsuccSeizures [MsProcessing_G729Service] pmUnsuccSeizures [MsProcessing_GttService] pmUnsuccSeizures [MsProcessing_ImService] pmUnsuccSeizures [MsProcessing_InmarsatServ ice] pmUnsuccSeizures [MsProcessing_IpEtService] pmUnsuccSeizures [MsProcessing_IpbService] pmUnsuccSeizures [MsProcessing_JitterHandlin gService] pmUnsuccSeizures [MsProcessing_MccService] pmUnsuccSeizures [MsProcessing_MpcService] pmUnsuccSeizures [MsProcessing_NrService] pmUnsuccSeizures

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			[MsProcessing_PcmService] pmUnsuccSeizures [MsProcessing_TfoService] pmUnsuccSeizures [MsProcessing_ToneSenderService] pmUnsuccSeizures [MsProcessing_UpFhService] pmUnsuccSeizures

7.25.7 ERI_MGW_RP_UTILISATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SJIRUG5OX22AGTPCB0221VYNIL	PMFTMCALLS	NUMBER	[MsProcessing_CsdDigitalService] pmFtmCalls
SJIRUGAOX22AGTPCB0221VYNIL	PMFTMCALLSFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmFtmCallsFail
SJIRUGCOX22AGTPCB0221VYNIL	PMFTMCALLSSUCCESS	NUMBER	[MsProcessing_CsdDigitalService] pmFtmCallsSuccess
SJIRUGEOX22AGTPCB0221VYNIL	PMHANDOVERS	NUMBER	[MsProcessing_CsdDigitalService] pmHandovers
SJIRUGGOX22AGTPCB0221VYNIL	PMMODEMORIG	NUMBER	[MsProcessing_CsdDigitalService] pmModemOrig
SJIRUGIOX22AGTPCB0221VYNIL	PMMODEMORIGFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmModemOrigFail
SJIRUGKOX22AGTPCB0221VYNIL	PMMODEMORIGSUCCESS	NUMBER	[MsProcessing_CsdDigitalService] pmModemOrigSuccess
SJIRUGMOX22AGTPCB0221VYNIL	PMMODEMTERM	NUMBER	[MsProcessing_CsdDigitalService] pmModemTerm

SJIRUGOOX22AGTPCB02 21VYNIL	PMMODEMTERMFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmModemTermFail
SJIRUGQOX22AGTPCB02 21VYNIL	PMMODEMTERMSUCCESS	NUMBER	[MsProcessing_CsdDigitalService] pmModemTermSuccess
SJIRUGSOX22AGTPCB022 1VYNIL	PMUDICALLS	NUMBER	[MsProcessing_CsdDigitalService] pmUdiCalls
SJIRUGUOX22AGTPCB02 21VYNIL	PMUDICALLSFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmUdiCallsFail
SJIRUGWOX22AGTPCB02 21VYNIL	PMUDICALLSSUCCESS	NUMBER	[MsProcessing_CsdDigitalService] pmUdiCallsSuccess
SJIRUGYOX22AGTPCB02 21VYNIL	PMV21CALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV21Calls
SJIRUH1OX22AGTPCB022 1VYNIL	PMV22CALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV22Calls
SJIRUH3OX22AGTPCB022 1VYNIL	PMV22BISCALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV22bisCalls
SJIRUH5OX22AGTPCB022 1VYNIL	PMV32CALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV32Calls
SJIRUHAOX22AGTPCB02 21VYNIL	PMV34CALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV34Calls
SJIRUHCOX22AGTPCB022 1VYNIL	PMV90CALLS	NUMBER	[MsProcessing_CsdDigitalService] pmV90Calls

7.25.8 ERI_MGW_RP_UTILISATION2_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL _ID		VARCHAR2(50)	[MsProcessing_UpFhService] nEDistinguishedName_ MeContext & "/" & MsProcessing & "-UpFh_" & UpFhService

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TSTAMP			DATE	
INSTANCE_ID			NUMBER	
SJIRUHEOX22AGTPCB0221VYNIL	PMBITTRANSPARENTCALLS		NUMBER	[MsProcessing_UpFhService] pmNumBitTrans
SJIRUHGOX22AGTPCB0221VYNIL	PMBITTRANSPARENTCALLSFAIL		NUMBER	[MsProcessing_UpFhService] pmBitTransFail
SJIRUHIOX22AGTPCB0221VYNIL	PMBITTRANSPARENTCALLSSUCCESS		NUMBER	[MsProcessing_UpFhService] pmBitTransSucc

7.25.9 ERI_MGW_RP_WCDMA_CSD_DP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_CsdDigitalService] nEDistinguishedName_MeContext & "/" & MsProcessing&"-CsdDigital_"&CsdDigitalService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SJIRUHKOX22AGTPCB0221VYNIL	PMFTMFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmFtmFail
SJIRUHMOX22AGTPCB0221VYNIL	PMFTMSUCC	NUMBER	[MsProcessing_CsdDigitalService] pmFtmSucc
SJIRUHOOX22AGTPCB0221VYNIL	PMMODEMOFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmModemOFail
SJIRUHQOX22AGTPCB0221VYNIL	PMMODEMOSUCC	NUMBER	[MsProcessing_CsdDigitalService] pmModemOSucc
SJIRUHSOX22AGTPCB0221VYNIL	PMMODEMTSUCC	NUMBER	[MsProcessing_CsdDigitalService] pmModemTSucc
SJIRUHUOX22AGTPCB0221VYNIL	PMMODEMTFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmModemTFail
SJIRUHWOX22AGTPCB0221VYNIL	PMNUMFTM	NUMBER	[MsProcessing_CsdDigitalService] pmNumFtm
SJIRUHYOX22AGTPCB0221VYNIL	PMNUMMODEMO	NUMBER	[MsProcessing_CsdDigitalService] pmNumModemO

SJIRUI1OX22AGTPCB0221VYNIL	PMNUMMODEMT	NUMBER	[MsProcessing_CsdDigitalService] pmNumModemT
SJIRUI3OX22AGTPCB0221VYNIL	PMNUMUDI	NUMBER	[MsProcessing_CsdDigitalService] pmNumUdi
SJIRUI5OX22AGTPCB0221VYNIL	PMUDIFAIL	NUMBER	[MsProcessing_CsdDigitalService] pmUdiFail
SJIRUIAOX22AGTPCB0221VYNIL	PMUDISUCC	NUMBER	[MsProcessing_CsdDigitalService] pmUdiSucc

7.25.10 ERI_MGW_RP_WCDMA_CSD_MP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MGW_RESOURCE_POOL_ID		VARCHAR2(50)	[MsProcessing_CsdModemService] nEDistinguishedName _MeContext & "/" & MsProcessing&"-CsdModem_ "&CsdModemService
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VKUOX22AGTPCB0221VYNIL	PMV32BISGSM	NUMBER	[MsProcessing_CsdModemService] pmV32bisGsm
SJIRUIKOX22AGTPCB0221VYNIL	PMASYNCNONTRANSMODEMWCDMA	NUMBER	[MsProcessing_CsdModemService] pmAsyncNonTransModemWcdma
SJIRUIMOX22AGTPCB0221VYNIL	PMV21	NUMBER	[MsProcessing_CsdModemService] pmV21
SPL2VKKOX22AGTPCB0221VYNIL	PMV22	NUMBER	[MsProcessing_CsdModemService] pmV22

SPL2VKMOX22AGTPCB02 21VYNIL	PMV22BIS	NUMBER	[MsProcessing_CsdMo demService] pmV22bis
SPL2VKOOX22AGTPCB02 21VYNIL	PMV32	NUMBER	[MsProcessing_CsdMo demService] pmV32
SPL2VKQOX22AGTPCB02 21VYNIL	PMV34	NUMBER	[MsProcessing_CsdMo demService] pmV34
SPL2VKSOX22AGTPCB022 1VYNIL	PMV90	NUMBER	[MsProcessing_CsdMo demService] pmV90

7.26 Raw MS_Device_Group Tables

7.26.1 ERI_MSDVGRP_STAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MS_DEVICE_GROUP_ID		VARCHA R2(50)	[MsDeviceGroup] nEDistinguishedName_MeCo ntext & "/" & Equipment&"-" & Subrack&"-" & Slot&"-" & PlugInUnit&"-" & "- MSDvcGrp_"& MsDeviceGroup
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TYAUVUBHAQ2AHCWKB03 5XKCUAI	PMSERDETECTED	NUMBER	[MsDeviceGroup] pmSerDetected

7.27 Raw MS_Device_Pool Tables

7.27.1 ERI_MS_DP_POOL_STATUS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MS_DEVICE_POOL_ID		VARCHA R2(50)	[MsProcessing_MsDevic ePool] nEDistinguishedName_ MeContext & "/" & MSProcessing & "- MSDPool_" &

			MsDevicePool
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VKWOX22AGTPCB0221VYNIL	CAPACITYFAILED	NUMBER	[MsProcessing_MsDevicePool] capacityFailed
SPL2VKYOX22AGTPCB0221VYNIL	CAPACITYIDLE	NUMBER	[MsProcessing_MsDevicePool] capacityIdle
SPL2VL1OX22AGTPCB0221VYNIL	CAPACITYBUSY	NUMBER	[MsProcessing_MsDevicePool] capacityBusy
SPL2VL3OX22AGTPCB0221VYNIL	CAPACITYDEPENDENCYFAILED	NUMBER	[MsProcessing_MsDevicePool] capacityDependencyFailed
SPL2VL5OX22AGTPCB0221VYNIL	CAPACITYDEPENDENCYLOCKED	NUMBER	[MsProcessing_MsDevicePool] capacityDependencyLocked
SPL2VLAOX22AGTPCB0221VYNIL	CAPLEVELRESFORPRIORITYCALLS	NUMBER	[MsProcessing_MsDevicePool] capacityLevelReservedForPriorityCalls
SPL2VLCOX22AGTPCB0221VYNIL	MAXNROFDEVICES	NUMBER	[MsProcessing_MsDevicePool] maxNrOfDevices
SPL2VLEOX22AGTPCB0221VYNIL	DEVICETYPE	NUMBER	[MsProcessing_MsDevicePool] deviceType

7.28 Raw MS_Processing Tables

7.28.1 ERI_MS_PROCESSING_DSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MS_PROCESSING_ID		VARCHAR2(50)	[ManagedElement_MsProcessing]

			nEDistinguishedName_MeContext & "/" & MsProcessing
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VLIOX22AGTPCB0221VYNIL	PMSERDETECTEDTOTAL	NUMBER	[ManagedElement_MsProcessing] pmSerDetectedTotal

7.29 Raw MTP3B_AP Tables

7.29.1 ERI_MGW_MTP3BAP_MTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3B_AP_ID		VARCHAR2(50)	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpChina_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-Mtp3bAp_" & Mtp3bAp [TransportNetwork_Mtp3bSpItu_Mtp3bAp] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-Mtp3bAp_" & Mtp3bAp

			[TransportNetwork_Mtp3bSpTtc_Mtp3bAp] nEDistinguishedName _MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-Mtp3bAp_" & Mtp3bAp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VLKOX22AGTPCB0221VYNIL	PMNOOFADJACENTSPNOTACCESSIBLE	NUMBER	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] pmNoOfAdjacentSPNotAccessible [TransportNetwork_Mtp3bSpChina_Mtp3bAp] pmNoOfAdjacentSPNotAccessible [TransportNetwork_Mtp3bSpItu_Mtp3bAp] pmNoOfAdjacentSPNotAccessible [TransportNetwork_Mtp3bSpTtc_Mtp3bAp] pmNoOfAdjacentSPNotAccessible
SPL2VLMOX22AGTPCB0221VYNIL	PMNOOFUSERPARTUNAVAILREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi_Mtp3bAp] pmNoOfUserPartUnavailRec [TransportNetwork_Mtp3bSpChina_Mtp3bAp] pmNoOfUserPartUna

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			vailRec [TransportNetwork_M tp3bSpItu_Mtp3bAp] pmNoOfUserPartUna vailRec [TransportNetwork_M tp3bSpTtc_Mtp3bAp] pmNoOfUserPartUna vailRec

7.30 Raw MTP3B_SR Tables

7.30.1 ERI_MGW_MTP3BSR_MTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3B_SR_ID		VARCHA R2(100)	[TransportNetwork_Mtp3bS pAnsi_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeC ontext & "/" & TransportNetwork & "-Mtp3bSpAnsi_" & Mtp3bSpAnsi & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bS pChina_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeC ontext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr [TransportNetwork_Mtp3bS pItu_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeC ontext & "/" & TransportNetwork & "-Mtp3bSpItu_" & Mtp3bSpItu & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr

			[TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-" & Mtp3bSrs & "-Mtp3bSr_" & Mtp3bSr
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VLOOX22AGTPCB0221VYNIL	PMNOFSECACCROUTEUNAVAIL	NUMBER	[TransportNetwork_Mtp3bSpAnsi_Mtp3bSrs_Mtp3bSr] pmNoOfSecondsAccumulatedRouteUnavailable [TransportNetwork_Mtp3bSpChina_Mtp3bSrs_Mtp3bSr] pmNoOfSecondsAccumulatedRouteUnavailable [TransportNetwork_Mtp3bSpItu_Mtp3bSrs_Mtp3bSr] pmNoOfSecondsAccumulatedRouteUnavailable [TransportNetwork_Mtp3bSpTtc_Mtp3bSrs_Mtp3bSr] pmNoOfSecondsAccumulatedRouteUnavailable

7.31 Raw Nni_SAAL_Tp Tables

7.31.1 ERI_MGW_NNISAAL_SAAL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NNI_SAAL_TP_ID		VARCHAR2(50)	[TransportNetwork_NniSaalTp] nEDistinguishedName_

			MeContext & "/" & TransportNetwork & "-NniTp_" & NniSaalTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VLUOX22AGTPCB0221VYNIL	PMLINKINSERVICETIME	NUMBER	[TransportNetwork_NniSaalTp] pmLinkInServiceTime
SPL2VLWOX22AGTPCB0221VYNIL	PMNOOFALIGNMENTFAILURES	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfAlignmentFailures
SPL2VLYOX22AGTPCB0221VYNIL	PMNOOFALLSLFAILURES	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfAllSLFailures
SPL2VM1OX22AGTPCB0221VYNIL	PMNOOFLOCALCONGESTIONS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfLocalCongestions
SPL2VM3OX22AGTPCB0221VYNIL	PMNOOFNORESPONSES	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfNoResponses
SPL2VM5OX22AGTPCB0221VYNIL	PMNOOFOTHERERRORS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfOtherErrors
SPL2VMAOX22AGTPCB0221VYNIL	PMNOOFPROTOCOLERRORS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfProtocolErrors
SPL2VMCOX22AGTPCB0221VYNIL	PMNOOFRECEIVEDSDUS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfReceivedSDUs
SPL2VMEOX22AGTPCB0221VYNIL	PMNOOFREMOTECONGESTIONS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfRemoteCongestions
SPL2VMGOX22AGTPCB0221VYNIL	PMNOOFSENTSDUS	NUMBER	[TransportNetwork_NniSaalTp] pmNoOfSentSDUs

| SPL2VMIOX22AGTPCB0221VYNIL | PMNOOFSEQUENCEDATALOSSES | NUMBER | [TransportNetwork_Nni SaalTp] pmNoOfSequenceData Losses |
| SPL2VMKOX22AGTPCB0221VYNIL | PMNOOFUNSUCCRETRANSMISSIONS | NUMBER | [TransportNetwork_Nni SaalTp] pmNoOfUnsuccReTransmissions |

7.32 Raw OS155 Tables

7.32.1 ERI_OS155_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OS155_ID		VARCHAR2(50)	[Ess_Os155SpiTtp] nEDistinguishedName_MeContext & "/" &Equipment &"-"&Subrack &"-" & Slot &"-"&PlugInUnit&"-"&ExchangeTerminal&"-Os155Tp_"&Os155SpiTtp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VMSOX22AGTPCB0221VYNIL	PMMSBBE	NUMBER	[Ess_Os155SpiTtp] pmMsBbe
SPL2VMUOX22AGTPCB0221VYNIL	PMMSUAS	NUMBER	[Ess_Os155SpiTtp] pmMsUas
SPL2VMOOX22AGTPCB0221VYNIL	PMMSES	NUMBER	[Ess_Os155SpiTtp] pmMsEs
SPL2VMQOX22AGTPCB0221VYNIL	PMMSSES	NUMBER	[Ess_Os155SpiTtp] pmMsSes

7.33 Raw OSPF Tables

7.33.1 ERI_MGW_OSPF_PROTO_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OSPF_ID		VARCHAR2(50)	[ManagedElement_IpSystem_Ospf] nEDistinguishedName_MeContext & "/" & IpSystem & "-OSPF_" & OSPF
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VMWOX22AGTPCB0221VYNIL	PMNOOFOSPFORIGINATENEWLSAS	NUMBER	[ManagedElement_IpSystem_Ospf] pmNoOfOspfOriginateNewLsas
SPL2VMYOX22AGTPCB0221VYNIL	PMNOOFOSPFRXNEWLSAS	NUMBER	[ManagedElement_IpSystem_Ospf] pmNoOfOspfRxNewLsas

7.34 Raw OSPF_Area Tables

7.34.1 ERI_MGW_OSPFAREA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OSPF_AREA_ID		VARCHAR2(50)	[ManagedElement_IpSystem_Ospf_OspfArea] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_Ar_" & OSPFArea
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VN1OX22AGTPCB0221VYNIL	PMNOOFOSPFSPFRUNS	NUMBER	[ManagedElement_IpSystem_Ospf_OspfArea] pmNoOfOspfSpfRuns

7.35 Raw OSPF_Interface Tables

7.35.1 ERI_MGW_OSPFIF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OSPF_INTERFACE_ID		VARCHAR2(50)	[ManagedElement_IpSystem_Ospf_OspfInterface] nEDistinguishedName_MeContext & "/" & IpSystem & "-" & OSPF & "-OSPF_If_" & OspfInterface
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VN3OX22AGTPCB0221VYNIL	PMNOOFOSPFIFEVENTS	NUMBER	[ManagedElement_IpSystem_Ospf_OspfInterface] pmNoOfOspfIfEvents

7.36 Raw Plug_In_Unit Tables

7.36.1 ERI_MGW_PIU_CPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PLUG_IN_UNIT_ID		VARCHAR2(50)	[Ess_PlugInUnit] nEDistinguishedName_MeContext & "/" & Equipment&"-"&Subrack&"-"&Slot&"-PIU_"&PlugInUnit
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VN5OX22AGTPCB0221VYNIL	PMPROCESSORLOAD	NUMBER	[Ess_PlugInUnit] pmProcessorLoad

7.37 Raw RemoteSite Tables

7.37.1 ERI_MGW_REM_CONN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
REMOTESITE_ID		VARCHAR2(50)	[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-" & IpNetwork & "-Remote_" & RemoteSite
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XJIUI2WERT2AHT30R02OFAWJHE	PMNOOFAMR2CONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfAmr2Conns
XJIUI2YERT2AHT30R02OFAWJHE	PMNOOFAMRCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfAmrConns
XQPJW4OERT2AHT30R02OFAWJHE	PMNOOFEFRCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfEfrConns
XXX2XQCERT2AHT30R02OFAWJHE	PMNOOFFRAMRCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfFrAmrConns
XXX2XQEERT2AHT30R02OFAWJHE	PMNOOFHRAMRCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfHrAmrConns
YA2BK5WERT2AHT30R02OFAWJHE	PMNOOFPCMDATACONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfPcmDataConns
YA2BK5YERT2AHT30R02OFAWJHE	PMNOOFPCMSPEECHCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfPcmSpeechConns
YHSN12OERT2AHT30R02OFAWJHE	PMNOOFRDICONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfRdiConns

YHSN12QERT2AHT30R02O FAWJHE	PMNOOFUDICONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNoOfUdiConns

7.37.2 ERI_MGW_REM_CONQOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
REMOTESITE_ID		VARCHAR2(50)	[MgwApplication_IpNetwork_RemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-" & IpNetwork & "-Remote_" & RemoteSite
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPL2VNAOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS0	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss0
SPL2VNCOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS1	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss1
SPL2VNEOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS2	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss2
SVKQ32SOX22AGTPCB0221	PMCALLSWITHRTPPACKETL	NUMBER	[MgwApplication_I

VYNIL	OSS3		pNetwork_RemoteSite] pmCallsWithRtpPacketLoss3
SVKQ32UOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS4	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss4
SVKQ32WOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS5	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss5
SVKQ32YOX22AGTPCB0221VYNIL	PMCALLSWITHRTPPACKETLOSS6	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmCallsWithRtpPacketLoss6
SVKQ331OX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO0	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio0
SVKQ333OX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO1	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio1
SVKQ335OX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO2	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio2
SVKQ33AOX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO3	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio3
SVKQ33COX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO4	NUMBER	[MgwApplication_IpNetwork_RemoteSi

			te] pmConnLatePktsRatio4
SVKQ33EOX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO5	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio5
SVKQ33GOX22AGTPCB0221VYNIL	PMCONNLATEPKTSRATIO6	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnLatePktsRatio6
SVKQ33IOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER0	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter0
SVKQ33KOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER1	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter1
SVKQ33MOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER2	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter2
SVKQ33OOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER3	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter3
SVKQ33QOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER4	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJit

			ter4
SVKQ33SOX22AGTPCB0221VYNIL	PMCONNMEASUREDJITTER5	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter5
SVKQ33UOX22AGTPCB0221VYNIL	PMIPRECEIVEDECNPKTS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmIpReceivedEcnPkts
SVKQ33WOX22AGTPCB0221VYNIL	PMLATEPKTSDUETODEJITTER	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmLatePktsDueToDeJitter
SVKQ33YOX22AGTPCB0221VYNIL	PMNOFADMCTRLREJECTEDCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNrOfAdmCtrlRejectedConnections
SVKQ341OX22AGTPCB0221VYNIL	PMRTPDISCARDEDPKTS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpDiscardedPkts
SVKQ343OX22AGTPCB0221VYNIL	PMRTPLOSTPKTS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpLostPkts
SVKQ345OX22AGTPCB0221VYNIL	PMRTPRECEIVEDPKTS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpReceivedPkts
SVKQ34AOX22AGTPCB0221VYNIL	PMSUCCTRANSMITTEDPKTS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmSuccTransmittedPkts
XNQWA2SYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER6	NUMBER	[MgwApplication_IpNetwork_RemoteSi

			te] pmConnMeasuredJit ter6
XNQWA2UYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER7	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter7
XNQWA2WYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER8	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnMeasuredJitter8
XNQWA2YYLP2AHUOVR02OFB3L3M	PMCONNSONREMOTESITE	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmConnsOnRemoteSite
XNQWA31YLP2AHUOVR02OFB3L3M	PMNROFADMCTRLACCEPTEDCONNS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmNrOfAdmCtrlAcceptedConnections
XNQWA33YLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDDSCPCONGPACKETS	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpReceivedDscpCongPackets
XNQWA35YLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDOCTETSHI	NUMBER	[MgwApplication_IpNetwork_RemoteSite] TotRtpReceivedOctets
XNQWA3AYLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDOCTETSLO	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpReceivedOcte

			tsLo
XNQWA3CYLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDPKTSHI	NUMBER	[MgwApplication_IpNetwork_RemoteSite] TotRtpReceivedPkts
XNQWA3EYLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDPKTSLO	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpReceivedPktsLo
XNQWA3GYLP2AHUOVR02OFB3L3M	PMRTPSENTOCTETSHI	NUMBER	[MgwApplication_IpNetwork_RemoteSite] TotRtpSentOctets
XNQWA3IYLP2AHUOVR02OFB3L3M	PMRTPSENTOCTETSLO	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpSentOctetsLo
XNQWA3KYLP2AHUOVR02OFB3L3M	PMRTPSENTPKTSHI	NUMBER	[MgwApplication_IpNetwork_RemoteSite] TotRtpSentPkts
XNQWA3MYLP2AHUOVR02OFB3L3M	PMRTPSENTPKTSLO	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmRtpSentPktsLo
XNQWA3OYLP2AHUOVR02OFB3L3M	PMSUCCTRANSMITTEDPKTSHI	NUMBER	[MgwApplication_IpNetwork_RemoteSite] TotSuccTransmittedPkts
XNQWA3QYLP2AHUOVR02OFB3L3M	PMSUCCTRANSMITTEDPKTSLO	NUMBER	[MgwApplication_IpNetwork_RemoteSite] pmSuccTransmittedPktsLo

7.38 Raw Signalling_Point Tables

7.38.1 ERI_SCCP_RSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[SccpSp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-SccpSp_"&SccpSp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TBKC1E3OX22AGTPCB0221VYNIL	PMNOOFCREFRECFROMNL	NUMBER	[SccpSp] pmNoOfCREFRecFromNL
TBKC1E5OX22AGTPCB0221VYNIL	PMNOOFCREFSENTTONL	NUMBER	[SccpSp] pmNoOfCREFSentToNL
TBKC1EAOX22AGTPCB0221VYNIL	PMNOFCONINUSEEXCHIGHWATERMARK	NUMBER	[SccpSp] pmNoOfConInUseExceedHighWaterMark
TBKC1ECOX22AGTPCB0221VYNIL	PMNOFCONINUSERECLOWWATERMARK	NUMBER	[SccpSp] pmNoOfConInUseReceededLowWaterMark
TBKC1EEOX22AGTPCB0221VYNIL	PMNOOFCRREC	NUMBER	[SccpSp] pmNoOfCrRec
TBKC1EGOX22AGTPCB0221VYNIL	PMNOOFCRSENT	NUMBER	[SccpSp] pmNoOfCrSent
TBKC1EIOX22AGTPCB0221VYNIL	PMNOOFDT1REC	NUMBER	[SccpSp] pmNoOfDT1Rec
TBKC1EKOX22AGTPCB02	PMNOOFDT1SENT	NUMBER	[SccpSp]

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21VYNIL			pmNoOfDT1Sent
TBKC1EMOX22AGTPCB02 21VYNIL	PMNOOFERRREC	NUMBER	[SccpSp] pmNoOfERRRec
TBKC1EOOX22AGTPCB02 21VYNIL	PMNOOFERRSENT	NUMBER	[SccpSp] pmNoOfERRSent
TBKC1EQOX22AGTPCB02 21VYNIL	PMNOOFLUDTREC	NUMBER	[SccpSp] pmNoOfLUDTRec
TBKC1ESOX22AGTPCB022 1VYNIL	PMNOOFLUDTSSENT	NUMBER	[SccpSp] pmNoOfLUDTSSe nt
TBKC1EUOX22AGTPCB02 21VYNIL	PMNOOFRLSDRECFROMNL	NUMBER	[SccpSp] pmNoOfRLSDRec FromNL
TBKC1EWOX22AGTPCB02 21VYNIL	PMNOOFRLSDSENTTONL	NUMBER	[SccpSp] pmNoOfRLSDSent ToNL
TBKC1EYOX22AGTPCB02 21VYNIL	PMNOOFSUBSYSALLOWEDSEN T	NUMBER	[SccpSp] pmNoOfSubsysAllo wedSent
TBKC1F1OX22AGTPCB022 1VYNIL	PMNOOFUDTREC	NUMBER	[SccpSp] pmNoOfUDTRec
TBKC1F3OX22AGTPCB022 1VYNIL	PMNOOFUDTSREC	NUMBER	[SccpSp] pmNoOfUDTSRec
TBKC1F5OX22AGTPCB022 1VYNIL	PMNOOFUDTSSENT	NUMBER	[SccpSp] pmNoOfUDTSSent
TBKC1FAOX22AGTPCB02 21VYNIL	PMNOOFUDTSENT	NUMBER	[SccpSp] pmNoOfUDTSent
TBKC1FCOX22AGTPCB02 21VYNIL	PMNOOFXUDTREC	NUMBER	[SccpSp] pmNoOfXUDTRec
TBKC1FEOX22AGTPCB022 1VYNIL	PMNOOFXUDTSREC	NUMBER	[SccpSp] pmNoOfXUDTSRe c
TBKC1FGOX22AGTPCB02 21VYNIL	PMNOOFXUDTSSENT	NUMBER	[SccpSp] pmNoOfXUDTSSe nt
TBKC1FIOX22AGTPCB022 1VYNIL	PMNOOFXUDTSENT	NUMBER	[SccpSp] pmNoOfXUDTSent

7.38.2 ERI_SP_MTP2_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[TransportNetwork_Mtp2TpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpAnsi_"& Mtp2TpAnsi [TransportNetwork_Mtp2TpChina] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpChina_"& Mtp2TpChina [TransportNetwork_Mtp2TpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp2TpItu_"& Mtp2TpItu [TransportNetwork_Mtp2TpTtc] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp2TpTtc_" & Mtp2TpTtc
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SVKQ34WOX22AGTPCB0221VYNIL	PMLOCALSIBTIME	NUMBER	[TransportNetwork_Mtp2TpAnsi] pmLocalSIBTime

			[TransportNetwork_Mtp2 TpChina] pmLocalSIBTime [TransportNetwork_Mtp2 TpItu] pmLocalSIBTime [TransportNetwork_Mtp2 TpTtc] pmLocalSIBTime
SVKQ34YOX22AGTPCB02 21VYNIL	PMNOOFMSURECEIVED	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfMSUReceived [TransportNetwork_Mtp2 TpChina] pmNoOfMSUReceived [TransportNetwork_Mtp2 TpItu] pmNoOfMSUReceived [TransportNetwork_Mtp2 TpTtc] pmNoOfMSUReceived
SVKQ351OX22AGTPCB022 1VYNIL	PMNOOFMSUTRANSMITT ED	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfMSUTransmitte d [TransportNetwork_Mtp2 TpChina] pmNoOfMSUTransmitte d [TransportNetwork_Mtp2 TpItu] pmNoOfMSUTransmitte d [TransportNetwork_Mtp2 TpTtc] pmNoOfMSUTransmitte d
SVKQ353OX22AGTPCB022 1VYNIL	PMNOOFNACKS	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfNacks [TransportNetwork_Mtp2 TpChina] pmNoOfNacks [TransportNetwork_Mtp2 TpItu] pmNoOfNacks [TransportNetwork_Mtp2 TpTtc] pmNoOfNacks

SVKQ355OX22AGTPCB0221VYNIL	PMNOOFRETRANSMITTEDOCTETS	NUMBER	[TransportNetwork_Mtp2TpAnsi] pmNoOfReTransmittedOctets [TransportNetwork_Mtp2TpChina] pmNoOfReTransmittedOctets [TransportNetwork_Mtp2TpItu] pmNoOfReTransmittedOctets [TransportNetwork_Mtp2TpTtc] pmNoOfReTransmittedOctets
SVKQ35AOX22AGTPCB0221VYNIL	PMNOOFSIOSIFRECEIVED	NUMBER	[TransportNetwork_Mtp2TpAnsi] pmNoOfSIOSIFReceived [TransportNetwork_Mtp2TpChina] pmNoOfSIOSIFReceived [TransportNetwork_Mtp2TpItu] pmNoOfSIOSIFReceived [TransportNetwork_Mtp2TpTtc] pmNoOfSIOSIFReceived
SVKQ35COX22AGTPCB0221VYNIL	PMNOOFSIOSIFTRANSMITTED	NUMBER	[TransportNetwork_Mtp2TpAnsi] pmNoOfSIOSIFTransmitted [TransportNetwork_Mtp2TpChina] pmNoOfSIOSIFTransmitted [TransportNetwork_Mtp2TpItu] pmNoOfSIOSIFTransmitted

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			[TransportNetwork_Mtp2 TpTtc] pmNoOfSIOSIFTransmitt ed
SVKQ35EOX22AGTPCB02 21VYNIL	PMNOOFSENDBUFFEROC TETS	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfSendBufferOctet s [TransportNetwork_Mtp2 TpChina] pmNoOfSendBufferOctet s [TransportNetwork_Mtp2 TpItu] pmNoOfSendBufferOctet s [TransportNetwork_Mtp2 TpTtc] pmNoOfSendBufferOctet s
SVKQ35GOX22AGTPCB02 21VYNIL	PMNOOFSTARTEDRBCON GESTION	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfStartedRBConge stion [TransportNetwork_Mtp2 TpChina] pmNoOfStartedRBConge stion [TransportNetwork_Mtp2 TpItu] pmNoOfStartedRBConge stion [TransportNetwork_Mtp2 TpTtc] pmNoOfStartedRBConge stion
SVKQ35IOX22AGTPCB022 1VYNIL	PMNOOFSURECEIVEDINE RROR	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmNoOfSuReceivedInErr or [TransportNetwork_Mtp2 TpChina] pmNoOfSuReceivedInErr or

			[TransportNetwork_Mtp2 TpItu] pmNoOfSuReceivedInErr or [TransportNetwork_Mtp2 TpTtc] pmNoOfSuReceivedInErr or
SVKQ35KOX22AGTPCB02 21VYNIL	PMREMOTESIBTIME	NUMBER	[TransportNetwork_Mtp2 TpAnsi] pmRemoteSIBTime [TransportNetwork_Mtp2 TpChina] pmRemoteSIBTime [TransportNetwork_Mtp2 TpItu] pmRemoteSIBTime [TransportNetwork_Mtp2 TpTtc] pmRemoteSIBTime

7.38.3 ERI_SP_MTP3B_SP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[Mtp3bSpItu_Srs_ Aggregated] nEDistinguishedNa me_MeContext&"/" &TransportNetwor k&"- Mtp3bSpItu_"&Mt p3bSpItu [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] nEDistinguishedNa me_MeContext&"/" &TransportNetwor

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			k&"-Mtp3bSpAnsi_"& Mtp3bSpAnsi&"-Mtp3bSrs_"&Mtp3bSrs [TransportNetwork _Mtp3bSpChina_Mtp3bSrs] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-Mtp3bSrs_" & Mtp3bSrs [TransportNetwork _Mtp3bSpTtc_Mtp3bSrs] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-Mtp3bSrs_" & Mtp3bSrs
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
T2KNTUYOX22AGTPCB02 21VYNIL	PMNOFDISCMSGFROMBROADT ONARROW	NUMBER	[Mtp3bSpItu_Srs_ Aggregated] pmNoOfDiscarded MsgFromBroadTo Narrow [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] pmNoOfDiscarded MsgFromBroadTo Narrow [TransportNetwork _Mtp3bSpChina_M

			tp3bSrs] pmNoOfDiscarded MsgFromBroadTo Narrow [TransportNetwork _Mtp3bSpTtc_Mtp 3bSrs] pmNoOfDiscarded MsgFromBroadTo Narrow
T2KNTV1OX22AGTPCB02 21VYNIL	PMNOFSECSACCROUTESETUN AVAIL	NUMBE R	[Mtp3bSpItu_Srs_ Aggregated] pmNoOfSecsAccR outeSetUnavailable [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] pmNoOfSecsAccR outeSetUnavailable [TransportNetwork _Mtp3bSpChina_M tp3bSrs] pmNoOfSecsAccR outeSetUnavailable [TransportNetwork _Mtp3bSpTtc_Mtp 3bSrs] pmNoOfSecsAccR outeSetUnavailable
T2KNTV3OX22AGTPCB02 21VYNIL	PMNOOFTRANSFERALLOWEDR EC	NUMBE R	[Mtp3bSpItu_Srs_ Aggregated] pmNoOfTransferAl lowedRec [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] pmNoOfTransferAl lowedRec [TransportNetwork _Mtp3bSpChina_M

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			tp3bSrs] pmNoOfTransferAl lowedRec [TransportNetwork _Mtp3bSpTtc_Mtp 3bSrs] pmNoOfTransferAl lowedRec
T2KNTV5OX22AGTPCB02 21VYNIL	PMNOOFTRANSFERCONTROLL EDREC	NUMBE R	[Mtp3bSpItu_Srs_ Aggregated] pmNoOfTransferCo ntrolledRec [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] pmNoOfTransferCo ntrolledRec [TransportNetwork _Mtp3bSpChina_M tp3bSrs] pmNoOfTransferCo ntrolledRec [TransportNetwork _Mtp3bSpTtc_Mtp 3bSrs] pmNoOfTransferCo ntrolledRec
T2KNTVAOX22AGTPCB02 21VYNIL	PMNOOFTRANSFERPROHIBITE DREC	NUMBE R	[Mtp3bSpItu_Srs_ Aggregated] pmNoOfTransferPr ohibitedRec [TransportNetwork _Mtp3bSpAnsi_Mt p3bSrs] pmNoOfTransferPr ohibitedRec [TransportNetwork _Mtp3bSpChina_M tp3bSrs] pmNoOfTransferPr ohibitedRec [TransportNetwork _Mtp3bSpTtc_Mtp 3bSrs] pmNoOfTransferPr

			ohibitedRec

7.38.4 ERI_SP_MTP3B_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[TransportNetwork_Mtp3bSpAnsi] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_" & Mtp3bSpAnsi [TransportNetwork_Mtp3bSpChina] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina [TransportNetwork_Mtp3bSpItu] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpItu_"& Mtp3bSpItu [TransportNetwork_Mtp3bSpTtc] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
T2KNTT5OX22AGTPCB0221VYNIL	PMNOOFCBAREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfCBARec [TransportNetwork_Mtp3bSpChina] pmNoOfCBARec [TransportNetwork_Mtp3bSpItu] pmNoOfCBARec [TransportNetwork_Mtp3bSpTtc] pmNoOfCBARec
T2KNTTAOX22AGTPCB0221VYNIL	PMNOOFCBASENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfCBASent [TransportNetwork_Mtp3bSpChina] pmNoOfCBASent [TransportNetwork_Mtp3bSpItu] pmNoOfCBASent [TransportNetwork_Mtp3bSpTtc] pmNoOfCBASent
T2KNTTCOX22AGTPCB0221VYNIL	PMNOOFCOAXCAREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfCOAXCARec [TransportNetwork_Mtp3bSpChina] pmNoOfCOAXCARec [TransportNetwork_Mtp3bSpItu] pmNoOfCOAXCARec [TransportNetwork_Mtp3bSpTtc] pmNoOfCOAXCARec
T2KNTTEOX22AGTPCB02	PMNOOFCOAXCASENT	NUMBER	[TransportNetwork

21VYNIL		R	_Mtp3bSpAnsi] pmNoOfCOAXCA Sent [TransportNetwork _Mtp3bSpChina] pmNoOfCOAXCA Sent [TransportNetwork _Mtp3bSpItu] pmNoOfCOAXCA Sent [TransportNetwork _Mtp3bSpTtc] pmNoOfCOAXCA Sent
T2KNTTGOX22AGTPCB02 21VYNIL	PMNOOFCHANGEBACKDECLR EC	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfChangeBac kDeclRec [TransportNetwork _Mtp3bSpChina] pmNoOfChangeBac kDeclRec [TransportNetwork _Mtp3bSpItu] pmNoOfChangeBac kDeclRec [TransportNetwork _Mtp3bSpTtc] pmNoOfChangeBac kDeclRec
T2KNTTIOX22AGTPCB022 1VYNIL	PMNOOFCHANGEOVERREC	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfChangeOv erRec [TransportNetwork _Mtp3bSpChina] pmNoOfChangeOv erRec [TransportNetwork

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			_Mtp3bSpItu] pmNoOfChangeOv erRec [TransportNetwork _Mtp3bSpTtc] pmNoOfChangeOv erRec
T2KNTTKOX22AGTPCB02 21VYNIL	PMNOFCONTROLLEDREROUTE SUCCPERF	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfControlled RerouteSuccessPerf [TransportNetwork _Mtp3bSpChina] pmNoOfControlled RerouteSuccessPerf [TransportNetwork _Mtp3bSpItu] pmNoOfControlled RerouteSuccessPerf [TransportNetwork _Mtp3bSpTtc] pmNoOfControlled RerouteSuccessPerf
T2KNTTMOX22AGTPCB02 21VYNIL	PMNOOFECAREC	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfECARec [TransportNetwork _Mtp3bSpChina] pmNoOfECARec [TransportNetwork _Mtp3bSpItu] pmNoOfECARec [TransportNetwork _Mtp3bSpTtc] pmNoOfECARec
T2KNTTOOX22AGTPCB02 21VYNIL	PMNOOFECASENT	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfECASent [TransportNetwork _Mtp3bSpChina] pmNoOfECASent [TransportNetwork _Mtp3bSpItu] pmNoOfECASent

			[TransportNetwork_Mtp3bSpTtc] pmNoOfECASent
T2KNTTQOX22AGTPCB0221VYNIL	PMNOOFECOSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfECOSent [TransportNetwork_Mtp3bSpChina] pmNoOfECOSent [TransportNetwork_Mtp3bSpItu] pmNoOfECOSent [TransportNetwork_Mtp3bSpTtc] pmNoOfECOSent
T2KNTTSOX22AGTPCB0221VYNIL	PMNOOFEMERGENCYCHANGEOVERREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfEmergencyChangeOverRec [TransportNetwork_Mtp3bSpChina] pmNoOfEmergencyChangeOverRec [TransportNetwork_Mtp3bSpItu] pmNoOfEmergencyChangeOverRec [TransportNetwork_Mtp3bSpTtc] pmNoOfEmergencyChangeOverRec
T2KNTTUOX22AGTPCB0221VYNIL	PMNOOFFORCEDREROUTESUCCESSPERF	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfForcedRerouteSuccessPerf [TransportNetwork_Mtp3bSpChina] pmNoOfForcedRerouteSuccessPerf

			[TransportNetwork_Mtp3bSpItu] pmNoOfForcedRerouteSuccessPerf [TransportNetwork_Mtp3bSpTtc] pmNoOfForcedRerouteSuccessPerf
T2KNTTWOX22AGTPCB0221VYNIL	PMNOOFSLTAFIRSTTIMEOUTREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfSLTAFirstTimeOutRec [TransportNetwork_Mtp3bSpChina] pmNoOfSLTAFirstTimeOutRec [TransportNetwork_Mtp3bSpItu] pmNoOfSLTAFirstTimeOutRec [TransportNetwork_Mtp3bSpTtc] pmNoOfSLTAFirstTimeOutRec
T2KNTTYOX22AGTPCB0221VYNIL	PMNOOFSLTASECONDTIMEOUTREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfSLTASecondTimeOutRec [TransportNetwork_Mtp3bSpChina] pmNoOfSLTASecondTimeOutRec [TransportNetwork_Mtp3bSpItu] pmNoOfSLTASecondTimeOutRec [TransportNetwork_Mtp3bSpTtc] pmNoOfSLTASecondTimeOutRec
T2KNTU1OX22AGTPCB0221VYNIL	PMNOOFTRAREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfTRARec [TransportNetwork

			_Mtp3bSpChina] pmNoOfTRARec [TransportNetwork _Mtp3bSpItu] pmNoOfTRARec [TransportNetwork _Mtp3bSpTtc] pmNoOfTRARec
T2KNTU3OX22AGTPCB02 21VYNIL	PMNOOFTRASENT	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfTRASent [TransportNetwork _Mtp3bSpChina] pmNoOfTRASent [TransportNetwork _Mtp3bSpItu] pmNoOfTRASent [TransportNetwork _Mtp3bSpTtc] pmNoOfTRASent
T2KNTU5OX22AGTPCB02 21VYNIL	PMNOOFTIMERT21WASSTART ED	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfTimerT21 WasStarted [TransportNetwork _Mtp3bSpChina] pmNoOfTimerT21 WasStarted [TransportNetwork _Mtp3bSpItu] pmNoOfTimerT21 WasStarted [TransportNetwork _Mtp3bSpTtc] pmNoOfTimerT21 WasStarted
T2KNTUAOX22AGTPCB02 21VYNIL	PMNOFUPMSGDISCDUETOROU TERR	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfUPMsgDis

			cardedDueToRoutin gErr [TransportNetwork _Mtp3bSpChina] pmNoOfUPMsgDis cardedDueToRoutin gErr [TransportNetwork _Mtp3bSpItu] pmNoOfUPMsgDis cardedDueToRoutin gErr [TransportNetwork _Mtp3bSpTtc] pmNoOfUPMsgDis cardedDueToRoutin gErr
T2KNTUCOX22AGTPCB02 21VYNIL	PMNOFUNSUCCCONTROLLEDR EROUT	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfUnsuccess ControlledReroutin g [TransportNetwork _Mtp3bSpItu] pmNoOfUnsuccess ControlledReroutin g
T2KNTUEOX22AGTPCB02 21VYNIL	PMNOOFUNSUCCESSFORCEDR EROUTING	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfUnsuccess ForcedRerouting [TransportNetwork _Mtp3bSpChina] pmNoOfUnsuccess ForcedRerouting [TransportNetwork _Mtp3bSpItu] pmNoOfUnsuccess ForcedRerouting [TransportNetwork _Mtp3bSpTtc] pmNoOfUnsuccess ForcedRerouting
T2KNTUKOX22AGTPCB02	NOFINCASSESTREQINSTATED	NUMBE	[TransportNetwork

21VYNIL	WNESTBL	R	_Mtp3bSpAnsi] pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBlocked [TransportNetwork_Mtp3bSpChina] pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBlocked [TransportNetwork_Mtp3bSpItu] pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBlocked [TransportNetwork_Mtp3bSpTtc] pmNoOfIncomingAssocEstabRequestInStateDownWhenStateEstabIsBlocked
T2KNTUMOX22AGTPCB0221VYNIL	PMNOOFLOWERPRIOMSGDISCARDED	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfLowerPrioMsgDiscarded [TransportNetwork_Mtp3bSpChina] pmNoOfLowerPrioMsgDiscarded [TransportNetwork_Mtp3bSpItu] pmNoOfLowerPrioMsgDiscarded [TransportNetwork_Mtp3bSpTtc] pmNoOfLowerPrioMsgDiscarded
T2KNTUOOX22AGTPCB02	PMNOFMAXTRIALSFORASSAC	NUMBE	[TransportNetwork

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21VYNIL	TREACH	R	_Mtp3bSpAnsi] pmNoOfMaxTrials ForAssocActivReac hed [TransportNetwork _Mtp3bSpChina] pmNoOfMaxTrials ForAssocActivReac hed [TransportNetwork _Mtp3bSpItu] pmNoOfMaxTrials ForAssocActivReac hed [TransportNetwork _Mtp3bSpTtc] pmNoOfMaxTrials ForAssocActivReac hed
T2KNTUQOX22AGTPCB02 21VYNIL	PMNOFMAXTRIALSFORASSEST REACH	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfMaxTrials ForAssocEstabReac hed [TransportNetwork _Mtp3bSpChina] pmNoOfMaxTrials ForAssocEstabReac hed [TransportNetwork _Mtp3bSpItu] pmNoOfMaxTrials ForAssocEstabReac hed [TransportNetwork _Mtp3bSpTtc] pmNoOfMaxTrials ForAssocEstabReac hed
T2KNTUSOX22AGTPCB02 21VYNIL	PMNOOFSUCCESSASSOCABOR T	NUMBE R	[TransportNetwork _Mtp3bSpAnsi] pmNoOfSuccessAs socAbort [TransportNetwork _Mtp3bSpChina]

			pmNoOfSuccessAssocAbort [TransportNetwork_Mtp3bSpItu] pmNoOfSuccessAssocAbort [TransportNetwork_Mtp3bSpTtc] pmNoOfSuccessAssocAbort
T2KNTUUOX22AGTPCB02 21VYNIL	PMNOOFSUCCESSASSOCSHUT DOWN	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfSuccessAssocShutDown [TransportNetwork_Mtp3bSpItu] pmNoOfSuccessAssocShutDown
T2KNTUWOX22AGTPCB02 21VYNIL	PMNOOFUNSUCCESSASSOCSH UTDOWN	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfUnsuccess AssocShutDown [TransportNetwork_Mtp3bSpItu] pmNoOfUnsuccess AssocShutDown

7.38.5 ERI_SP_SCCP_ACCOUNTING_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[SccpAccountingCriteria] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&SccpSp&"-"&SccpScrc&"-SccpAccCr_"&SccpAccounting Criteria
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
T2KNTVCOX22AGTPCB02 21VYNIL	PMNOOFMSG	NUMBER	[SccpAccountingCriteria] pmNoOfMsg
TBKC1E1OX22AGTPCB02 21VYNIL	PMNOOFOCTETS	NUMBER	[SccpAccountingCriteria] pmNoOfOctets

7.38.6 ERI_SP_SCCP_POLICING_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHA R2(100)	[SccpPolicing] nEDistinguishedName_MeCon text&"/"&TransportNetwork& "-"&SccpSp&"-"&SccpScrc&" -SccpPolicing_"&SccpPolicing
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TBKC1GGOX22AGTPCB02 21VYNIL	PMNOOFREJECTMSG	NUMBER	[SccpPolicing] pmNoOfRejectMsg

7.38.7 ERI_SP_SCCP_ROUT_CRC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHA R2(100)	[SccpScrc] nEDistinguishedN ame_MeContext& "/"&TransportNet work&"-"&SccpS p&"- SccpScrc_"&Sccp Scrc
TSTAMP		DATE	
INSTANCE_ID		NUMBE R	
TBKC1FSOX22AGTPCB022 1VYNIL	PMNOOFCONNECTFAILURE	NUMBE R	[SccpScrc] pmNoOfConnectF ailure

TBKC1FUOX22AGTPCB02 21VYNIL	PMNOOFHOPCOUNTERVIOLATI ON	NUMBE R	[SccpScrc] pmNoOfHopCount erViolation
TBKC1FWOX22AGTPCB02 21VYNIL	PMNOFROUTINGFAILNETWORK CONG	NUMBE R	[SccpScrc] pmNoOfRoutingF ailNetworkConges t
TBKC1FYOX22AGTPCB02 21VYNIL	PMNOFROUTFAILNOTRANSADD OFNATU	NUMBE R	[SccpScrc] pmNoOfRoutingF ailNoTransAddrOf SuchNature
TBKC1G1OX22AGTPCB02 21VYNIL	PMNOFROUTFAILNOTRANSSPE CADDR	NUMBE R	[SccpScrc] pmNoOfRoutingF ailNoTransSpecifi cAddr
TBKC1G3OX22AGTPCB02 21VYNIL	PMNOOFROUTINGFAILREASON UNKNOWN	NUMBE R	[SccpScrc] pmNoOfRoutingF ailReasonUnknow n
TBKC1G5OX22AGTPCB02 21VYNIL	PMNOOFROUTINGFAILSUBSYS UNAVAIL	NUMBE R	[SccpScrc] pmNoOfRoutingF ailSubsysUnavail
TBKC1GAOX22AGTPCB02 21VYNIL	PMNOFROUTFAILUNEQUIPPSUB SYS	NUMBE R	[SccpScrc] pmNoOfRoutingF ailUnequippedSub sys
TBKC1GCOX22AGTPCB02 21VYNIL	PMNOOFROUTINGFAILURE	NUMBE R	[SccpScrc] pmNoOfRoutingF ailure
TBKC1GEOX22AGTPCB02 21VYNIL	PMNOFROUTFAILPOINTCODEU NAVAIL	NUMBE R	[SccpScrc] pmNoOfRoutingF ailurePointCodeUn Avail

7.38.8 ERI_SP_UTILISATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(100)	[TransportNetwork_Mtp3bSpChina_Mtp3bSls] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpChina_" & Mtp3bSpChina & "-Mtp3bSls_" & Mtp3bSls [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] nEDistinguishedName_MeContext& "/"&TransportNetwork&"-Mtp3bSpAnsi_"& Mtp3bSpAnsi&"-Mtp3bSls_"&Mtp3bSls [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] nEDistinguishedName_MeContext & "/" & TransportNetwork & "-Mtp3bSpTtc_" & Mtp3bSpTtc & "-Mtp3bSls_" & Mtp3bSls [Mtp3bSpItu_Sl_Aggregated] nEDistinguishedName_MeContext& "/"&TransportNetwork&"-Mtp3bSpItu_"&Mtp3bSpItu

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
THMCKDKOX22AGTPCB0221VYNIL	AVG_MSU_RCVD_RATE	FLOAT	
THMCKDMOX22AGTPCB0221VYNIL	AVG_MSU_SENT_RATE	FLOAT	
RTJVLAEYRS2AHUOVR02OFB3L3M	PMNOOFRECUSERDATA	NUMBER	[Mtp3bSpItu_Sl_Aggregated] pmNoOfRecUserData [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] pmNoOfRecUserData [TransportNetwork_Mtp3bSpChina_Mtp3bSls] pmNoOfRecUserData [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] pmNoOfRecUserData
RTJVLAGYRS2AHUOVR02OFB3L3M	PMNOOFSENTUSERDATA	NUMBER	[Mtp3bSpItu_Sl_Aggregated] pmNoOfSentUserData [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] pmNoOfSentUserData [TransportNetwork_Mtp3bSpChina_Mtp3bSls] pmNoOfSentUser

			Data [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] pmNoOfSentUser Data
TBKC1GIOX22AGTPCB0221VYNIL	PMNOOFAALINSERVICEIND	NUMBER	[Mtp3bSpItu_Sl_Aggregated] pmNoOfAALINServiceInd [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] pmNoOfAALINServiceInd [TransportNetwork_Mtp3bSpChina_Mtp3bSls] pmNoOfAALINServiceInd [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] pmNoOfAALINServiceInd
TBKC1GKOX22AGTPCB0221VYNIL	PMNOOFAALOUTIND	NUMBER	[Mtp3bSpItu_Sl_Aggregated] pmNoOfAALOUTInd [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] pmNoOfAALOUTInd [TransportNetwork_Mtp3bSpChina_Mtp3bSls] pmNoOfAALOUTInd [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] pmNoOfAALOUTInd

TBKC1GMOX22AGTPCB02 21VYNIL	PMNOOFCBDSENT	NUMBER	[Mtp3bSpItu_Sl_A ggregated] pmNoOfCBDSent [TransportNetwork _Mtp3bSpAnsi_M tp3bSls] pmNoOfCBDSent [TransportNetwork _Mtp3bSpChina_ Mtp3bSls] pmNoOfCBDSent [TransportNetwork _Mtp3bSpTtc_Mtp 3bSls] pmNoOfCBDSent
TBKC1GOOX22AGTPCB022 1VYNIL	PMNOOFCOOXCOSENT	NUMBER	[Mtp3bSpItu_Sl_A ggregated] pmNoOfCOOXC OSent [TransportNetwork _Mtp3bSpAnsi_M tp3bSls] pmNoOfCOOXC OSent [TransportNetwork _Mtp3bSpChina_ Mtp3bSls] pmNoOfCOOXC OSent [TransportNetwork _Mtp3bSpTtc_Mtp 3bSls] pmNoOfCOOXC OSent
THMCKDCOX22AGTPCB02 21VYNIL	PMNOOFLOCALLINKCONGEST CEASEREC	NUMBER	[Mtp3bSpItu_Sl_A ggregated] pmNoOfLocalLink CongestCeaseRec [TransportNetwork _Mtp3bSpAnsi_M

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			tp3bSls] pmNoOfLocalLink CongestCeaseRec [TransportNetwork _Mtp3bSpChina_ Mtp3bSls] pmNoOfLocalLink CongestCeaseRec [TransportNetwork _Mtp3bSpTtc_Mtp 3bSls] pmNoOfLocalLink CongestCeaseRec
THMCKDEOX22AGTPCB02 21VYNIL	PMNOOFLOCALLINKCONGEST REC	NUMBER	[Mtp3bSpItu_Sl_A ggregated] pmNoOfLocalLink CongestRec [TransportNetwork _Mtp3bSpAnsi_M tp3bSls] pmNoOfLocalLink CongestRec [TransportNetwork _Mtp3bSpChina_ Mtp3bSls] pmNoOfLocalLink CongestRec [TransportNetwork _Mtp3bSpTtc_Mtp 3bSls] pmNoOfLocalLink CongestRec
THMCKDGOX22AGTPCB02 21VYNIL	PMNOOFMSUREC	NUMBER	[Mtp3bSpItu_Sl_A ggregated] pmNoOfMSURec [TransportNetwork _Mtp3bSpAnsi_M tp3bSls] pmNoOfMSURec [TransportNetwork _Mtp3bSpChina_ Mtp3bSls] pmNoOfMSURec [TransportNetwork _Mtp3bSpTtc_Mtp

			3bSls] pmNoOfMSURec
THMCKDIOX22AGTPCB0221VYNIL	PMNOOFMSUSENT	NUMBER	[Mtp3bSpItu_Sl_Aggregated] pmNoOfMSUSent [TransportNetwork_Mtp3bSpAnsi_Mtp3bSls] pmNoOfMSUSent [TransportNetwork_Mtp3bSpChina_Mtp3bSls] pmNoOfMSUSent [TransportNetwork_Mtp3bSpTtc_Mtp3bSls] pmNoOfMSUSent

7.39 Raw Sigtran Tables

7.39.1 ERI_MSCTP_MTP3_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SIGTRAN_ID		VARCHAR2(100)	[TransportNetwork_Mtp3bSpAnsi]nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpAnsi_"&Mtp3bSpAnsi [TransportNetwork_Mtp3bSpChina]nEDistinguishedName_MeContext&"/"&TransportNetwork&"-Mtp3bSpChina_"&

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			Mtp3bSpChina [TransportNetwork_ Mtp3bSpItu] nEDistinguishedNa me_MeContext&"/" &TransportNetwork &"- Mtp3bSpItu_"&Mtp 3bSpItu [TransportNetwork_ Mtp3bSpTtc] nEDistinguishedNa me_MeContext&"/" &TransportNetwork &"- Mtp3bSpTtc_"&Mtp 3bSpTtc
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTNE5JKOX22AGTPCB02 21VYNIL	PMNOOFSCTPASSOCIATIONRE START	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfSctpAssoci ationRestart [TransportNetwork_ Mtp3bSpChina] pmNoOfSctpAssoci ationRestart [TransportNetwork_ Mtp3bSpItu] pmNoOfSctpAssoci ationRestart [TransportNetwork_ Mtp3bSpTtc] pmNoOfSctpAssoci ationRestart
TTNE5JMOX22AGTPCB02 21VYNIL	PMNOOFSCTPBUFOVERFLOW	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfSctpBufOv erflow [TransportNetwork_ Mtp3bSpChina] pmNoOfSctpBufOv erflow

			[TransportNetwork_Mtp3bSpItu] pmNoOfSctpBufOverflow [TransportNetwork_Mtp3bSpTtc] pmNoOfSctpBufOverflow
TTNE5JOOX22AGTPCB0221VYNIL	PMNOOFSCTPCOMMUNICATIONERR	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfSctpCommunicationErr [TransportNetwork_Mtp3bSpChina] pmNoOfSctpCommunicationErr [TransportNetwork_Mtp3bSpItu] pmNoOfSctpCommunicationErr [TransportNetwork_Mtp3bSpTtc] pmNoOfSctpCommunicationErr
TTNE5JQOX22AGTPCB0221VYNIL	PMNOOFSCTPNETWORKSTATUSCHANGE	NUMBER	[TransportNetwork_Mtp3bSpAnsi] pmNoOfSctpNetworkStatusChange [TransportNetwork_Mtp3bSpChina] pmNoOfSctpNetworkStatusChange [TransportNetwork_Mtp3bSpItu] pmNoOfSctpNetworkStatusChange [TransportNetwork_Mtp3bSpTtc] pmNoOfSctpNetworkStatusChange

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TTNE5JSOX22AGTPCB022 1VYNIL	PMNOOFSCTPRESUMESENDIN G	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfSctpResum eSending [TransportNetwork_ Mtp3bSpChina] pmNoOfSctpResum eSending [TransportNetwork_ Mtp3bSpItu] pmNoOfSctpResum eSending [TransportNetwork_ Mtp3bSpTtc] pmNoOfSctpResum eSending
TTNE5JUOX22AGTPCB02 21VYNIL	PMNOOFSCTPSENDFAILURE	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfSctpSendFa ilure [TransportNetwork_ Mtp3bSpChina] pmNoOfSctpSendFa ilure [TransportNetwork_ Mtp3bSpItu] pmNoOfSctpSendFa ilure [TransportNetwork_ Mtp3bSpTtc] pmNoOfSctpSendFa ilure
TTNE5JWOX22AGTPCB02 21VYNIL	PMNOOFSUCCESSASSOCESTA BLISH	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfSuccessAss ocEstablish [TransportNetwork_ Mtp3bSpChina] pmNoOfSuccessAss ocEstablish [TransportNetwork_ Mtp3bSpItu] pmNoOfSuccessAss ocEstablish [TransportNetwork_

			Mtp3bSpTtc] pmNoOfSuccessAssocEstablish
TTNE5JYOX22AGTPCB02 21VYNIL	PMNOOFUNSUCCESSASSOCES TABLISH	NUMBER	[TransportNetwork_ Mtp3bSpAnsi] pmNoOfUnsuccess AssocEstablish [TransportNetwork_ Mtp3bSpChina] pmNoOfUnsuccess AssocEstablish [TransportNetwork_ Mtp3bSpItu] pmNoOfUnsuccess AssocEstablish [TransportNetwork_ Mtp3bSpTtc] pmNoOfUnsuccess AssocEstablish

7.39.2 ERI_SCTP_IP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SIGTRAN_ID		VARCHAR2(100)	[IpSystem_IpAccessHost Gpb] nEDistinguishedName_M eContext&"/"& IpSystem & "-IpAccessHostGpb_" &IpAccessHostGpb
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
THMCKF3OX22AGTPCB02 21VYNIL	PMICMPINDESTUNREAC HS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInDestUnreachs
THMCKF5OX22AGTPCB02	PMICMPINECHOREPS	NUMBER	[IpSystem_IpAccessHost

21VYNIL			Gpb] pmIcmpInEchoReps
THMCKFAOX22AGTPCB02 21VYNIL	PMICMPINECHOS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInEchos
THMCKFCOX22AGTPCB02 21VYNIL	PMICMPINERRORS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInErrors
THMCKFEOX22AGTPCB02 21VYNIL	PMICMPINMSGS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInMsgs
THMCKFGOX22AGTPCB02 21VYNIL	PMICMPINPARAMPROBS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInParamProbs
THMCKFIOX22AGTPCB022 1VYNIL	PMICMPINREDIRECTS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInRedirects
THMCKFKOX22AGTPCB02 21VYNIL	PMICMPINSRCQUENCHS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInSrcQuenchs
THMCKFMOX22AGTPCB02 21VYNIL	PMICMPINTIMEEXCDS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpInTimeExcds
THMCKFOOX22AGTPCB02 21VYNIL	PMICMPOUTDESTUNRE ACHS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutDestUnreachs
THMCKFQOX22AGTPCB02 21VYNIL	PMICMPOUTECHOREPS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutEchoReps
THMCKFSOX22AGTPCB02 21VYNIL	PMICMPOUTECHOS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutEchos
THMCKFUOX22AGTPCB02 21VYNIL	PMICMPOUTERRORS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutErrors
THMCKFWOX22AGTPCB02 21VYNIL	PMICMPOUTMSGS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutMsgs
TNNGGRCOX22AGTPCB02 21VYNIL	PMICMPOUTPARAMPRO BS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIcmpOutParmProbs
TNNGGREOX22AGTPCB02 21VYNIL	PMIPFRAGCREATES	NUMBER	[IpSystem_IpAccessHost Gpb] pmIpFragCreates
TNNGGRGOX22AGTPCB02 21VYNIL	PMIPFRAGFAILS	NUMBER	[IpSystem_IpAccessHost Gpb] pmIpFragFails

TNNGGRIOX22AGTPCB0221VYNIL	PMIPFRAGOKS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpFragOKs
TNNGGRKOX22AGTPCB0221VYNIL	PMIPINADDRERRORS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInAddrErrors
TNNGGRMOX22AGTPCB0221VYNIL	PMIPINDELIVERS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInDelivers
TNNGGROOX22AGTPCB0221VYNIL	PMIPINDISCARDS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInDiscards
TNNGGRQOX22AGTPCB0221VYNIL	PMIPINHDRERRORS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInHdrErrors
TNNGGRSOX22AGTPCB0221VYNIL	PMIPINRECEIVES	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInReceives
TNNGGRUOX22AGTPCB0221VYNIL	PMIPINUNKNOWNPROTOS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpInUnknownProtos
TNNGGRWOX22AGTPCB0221VYNIL	PMIPOUTDISCARDS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpOutDiscards
TNNGGRYOX22AGTPCB0221VYNIL	PMIPOUTREQUESTS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpOutRequests
TNNGGS1OX22AGTPCB0221VYNIL	PMIPREASMFAILS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpReasmFails
TNNGGS3OX22AGTPCB0221VYNIL	PMIPREASMOKS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpReasmOKs
TNNGGS5OX22AGTPCB0221VYNIL	PMIPREASMREQDS	NUMBER	[IpSystem_IpAccessHostGpb] pmIpReasmReqds
TNNGGSAOX22AGTPCB0221VYNIL	PMNOOFIFINBROADCASTPKTS	NUMBER	[IpSystem_IpAccessHostGpb] pmNoOfIfInBroadcastPkts
TNNGGSCOX22AGTPCB0221VYNIL	PMNOOFIFINDISCARDS	NUMBER	[IpSystem_IpAccessHostGpb] pmNoOfIfInDiscards

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TNNGGSEOX22AGTPCB02 21VYNIL	PMNOOFIFINERRORS	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfInErrors
TNNGGSGOX22AGTPCB02 21VYNIL	PMNOOFIFINMULTICAS TPKTS	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfInMulticastPkts
TNNGGSIOX22AGTPCB022 1VYNIL	PMNOOFIFINUCASTPKT S	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfInUcastPkts
TNNGGSKOX22AGTPCB02 21VYNIL	PMNOOFIFOUTBROADC ASTPKTS	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfOutBroadcastP kts
TNNGGSMOX22AGTPCB02 21VYNIL	PMNOOFIFOUTMULTICA STPKTS	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfOutMulticastPk ts
TNNGGSOOX22AGTPCB02 21VYNIL	PMNOOFIFOUTUCASTPK TS	NUMBER	[IpSystem_IpAccessHost Gpb] pmNoOfIfOutUcastPkts
TNNGGSQOX22AGTPCB02 21VYNIL	PMUDPINDATAGRAMS	NUMBER	[IpSystem_IpAccessHost Gpb] pmUdpInDatagrams
TNNGGSSOX22AGTPCB022 1VYNIL	PMUDPINERRORS	NUMBER	[IpSystem_IpAccessHost Gpb] pmUdpInErrors
TNNGGSUOX22AGTPCB02 21VYNIL	PMUDPNOPORTS	NUMBER	[IpSystem_IpAccessHost Gpb] pmUdpNoPorts
TNNGGSWOX22AGTPCB02 21VYNIL	PMUDPOUTDATAGRAM S	NUMBER	[IpSystem_IpAccessHost Gpb] pmUdpOutDatagrams

7.39.3 ERI_SCTP_M3UA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SIGTRAN_ID		VARCHA R2(100)	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] nEDistinguishedName _MeContext &"/"& TransportNetwork &"-

			Mtp3bSpAnsi_"& Mtp3bSpAnsi &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpChina_M3uAssociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpChina_"& Mtp3bSpChina &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpItu_M3uAssociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpItu_"& Mtp3bSpItu &"-M3uAsso_"& M3uAssociation [TransportNetwork_Mtp3bSpTtc_M3uAssociation] nEDistinguishedName_MeContext &"/"& TransportNetwork &"-Mtp3bSpTtc_"& Mtp3bSpTtc &"-M3uAsso_"& M3uAssociation
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TNNGGTAOX22AGTPCB0221VYNIL	PMNOOFASPACACKRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation]

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			pmNoOfAspacAckReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspacAckReceived [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspacAckReceived [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspacAckReceived
TNNGGTCOX22AGTPCB0221VYNIL	PMNOOFASPACACKSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspacAckSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspacAckSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspacAckSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspacAckSent
TNNGGTEOX22AGTPCB0221VYNIL	PMNOOFASPACRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspacReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation]

			pmNoOfAspacReceived [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspacReceived [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspacReceived
TNNGGTGOX22AGTPCB0221VYNIL	PMNOOFASPACSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspacSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspacSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspacSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspacSent
TNNGGTIOX22AGTPCB0221VYNIL	PMNOOFASPDNACKRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspdnAckReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspdnAckReceived [TransportNetwork_Mtp3bSpItu_M3uAssoci

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			ation] pmNoOfAspdnAckRe ceived [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfAspdnAckRe ceived
TNNGGTKOX22AGTPCB02 21VYNIL	PMNOOFASPDNACKSENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfAspdnAckSe nt [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfAspdnAckSe nt [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfAspdnAckSe nt [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfAspdnAckSe nt
TNNGGTMOX22AGTPCB02 21VYNIL	PMNOOFASPDNRECEIVED	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfAspdnReceiv ed [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfAspdnReceiv ed [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfAspdnReceiv ed [TransportNetwork_M tp3bSpTtc_M3uAssoci

			ation] pmNoOfAspdnReceived
TNNGGTOOX22AGTPCB0221VYNIL	PMNOOFASPDNSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspdnSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspdnSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspdnSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspdnSent
TNNGGTQOX22AGTPCB0221VYNIL	PMNOOFASPIAACKRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspiaAckReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspiaAckReceived [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspiaAckReceived [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspiaAckReceived

TNNGGTSOX22AGTPCB022 1VYNIL	PMNOOFASPIAACKSENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfAspiaAckSen t [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfAspiaAckSen t [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfAspiaAckSen t [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfAspiaAckSen t
TNNGGTUOX22AGTPCB02 21VYNIL	PMNOOFASPIARECEIVED	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfAspiaReceive d [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfAspiaReceive d [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfAspiaReceive d [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfAspiaReceive d
TNNGGTWOX22AGTPCB02 21VYNIL	PMNOOFASPIASENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfAspiaSent [TransportNetwork_M

			tp3bSpChina_M3uAssociation] pmNoOfAspiaSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspiaSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspiaSent
TNNGGTYOX22AGTPCB0221VYNIL	PMNOOFASPUPACKRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspupAckReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspupAckReceived [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspupAckReceived [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspupAckReceived
TNNGGU1OX22AGTPCB0221VYNIL	PMNOOFASPUPACKSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspupAckSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspupAckSe

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			nt [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspupAckSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspupAckSent
TNNGGU3OX22AGTPCB0221VYNIL	PMNOOFASPUPRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspupReceived [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspupReceived [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspupReceived [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfAspupReceived
TNNGGU5OX22AGTPCB0221VYNIL	PMNOOFASPUPSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfAspupSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfAspupSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfAspupSent [TransportNetwork_Mtp3bSpTtc_M3uAssoci

			ation] pmNoOfAspupSent
TTNE5ICOX22AGTPCB0221VYNIL	PMNOOFCOMMUNICATIONLOST	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfCommunicationLost [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfCommunicationLost [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfCommunicationLost [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfCommunicationLost
TTNE5IEOX22AGTPCB0221VYNIL	PMNOOFCONGESTIONS	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfCongestions [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfCongestions [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfCongestions [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfCongestions
TTNE5IGOX22AGTPCB0221	PMNOOFDATAMSGREC	NUMBER	[TransportNetwork_M

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			tp3bSpAnsi_M3uAssociation] pmNoOfDataMsgRec [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfDataMsgRec [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfDataMsgRec [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfDataMsgRec
VYNIL			
TTNE5IIOX22AGTPCB0221 VYNIL	PMNOOFDATAMSGSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfDataMsgSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfDataMsgSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfDataMsgSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfDataMsgSent
TTNE5IKOX22AGTPCB0221 VYNIL	PMNOOFDAUDMSGSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfDaudMsgSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfDaudMsgSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfDaudMsgSent [TransportNetwork_Mtp3bSpTtc_M3uAssoci

			ation] pmNoOfDaudMsgSent
TTNE5IMOX22AGTPCB0221VYNIL	PMNOOFDAUDRECEIVED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfDaudMsgRec [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfDaudMsgRec [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfDaudMsgRec [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfDaudMsgRec
TTNE5IOOX22AGTPCB0221VYNIL	PMNOOFDAVAREC	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfDavaRec [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfDavaRec [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfDavaRec [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfDavaRec
TTNE5IQOX22AGTPCB0221VYNIL	PMNOOFDAVASENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfDavaSent [TransportNetwork_M

			tp3bSpChina_M3uAss ociation] pmNoOfDavaSent [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfDavaSent [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfDavaSent
TTNE5ISOX22AGTPCB0221 VYNIL	PMNOOFDUNAREC	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfDunaRec [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfDunaRec [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfDunaRec [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfDunaRec
TTNE5IUOX22AGTPCB0221 VYNIL	PMNOOFDUNASENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfDunaSent [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfDunaSent [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfDunaSent [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfDunaSent
TTNE5IWOX22AGTPCB022	PMNOOFDUPUREC	NUMBER	[TransportNetwork_M

1VYNIL			tp3bSpAnsi_M3uAsso ciation] pmNoOfDupuRec [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfDupuRec [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfDupuRec [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfDupuRec
TTNE5IYOX22AGTPCB0221 VYNIL	PMNOOFDUPUSENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfDupuSent [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfDupuSent [TransportNetwork_M tp3bSpItu_M3uAssoci ation] pmNoOfDupuSent [TransportNetwork_M tp3bSpTtc_M3uAssoci ation] pmNoOfDupuSent
TTNE5J1OX22AGTPCB0221 VYNIL	PMNOOFERRORMSGREC	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAsso ciation] pmNoOfErrorMsgRec [TransportNetwork_M tp3bSpChina_M3uAss ociation] pmNoOfErrorMsgRec [TransportNetwork_M

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			tp3bSpItu_M3uAssociation] pmNoOfErrorMsgRec [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfErrorMsgRec
TTNE5J3OX22AGTPCB0221VYNIL	PMNOOFERRORMSGSENT	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfErrorMsgSent [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfErrorMsgSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfErrorMsgSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfErrorMsgSent
TTNE5J5OX22AGTPCB0221VYNIL	PMNOOFM3UADATAMSGDISCARDED	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfM3uaDataMsgDiscarded [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfM3uaDataMsgDiscarded [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfM3uaDataMsgDiscarded [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfM3uaDataMsgDiscarded
TTNE5JAOX22AGTPCB0221	PMNOOFNOTIFYMSGREC	NUMBER	[TransportNetwork_M

VYNIL			tp3bSpAnsi_M3uAssociation] pmNoOfNotifyMsgRec [TransportNetwork_M tp3bSpChina_M3uAssociation] pmNoOfNotifyMsgRec [TransportNetwork_M tp3bSpItu_M3uAssociation] pmNoOfNotifyMsgRec [TransportNetwork_M tp3bSpTtc_M3uAssociation] pmNoOfNotifyMsgRec
TTNE5JCOX22AGTPCB0221 VYNIL	PMNOOFSCONREC	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAssociation] pmNoOfSconRec [TransportNetwork_M tp3bSpChina_M3uAssociation] pmNoOfSconRec [TransportNetwork_M tp3bSpItu_M3uAssociation] pmNoOfSconRec [TransportNetwork_M tp3bSpTtc_M3uAssociation] pmNoOfSconRec
TTNE5JEOX22AGTPCB0221 VYNIL	PMNOOFSCONSENT	NUMBER	[TransportNetwork_M tp3bSpAnsi_M3uAssociation] pmNoOfSconSent [TransportNetwork_M

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			tp3bSpChina_M3uAssociation] pmNoOfSconSent [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfSconSent [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfSconSent
RTJVLAIYRS2AHUOVR02OFB3L3M	PMNOOFRECUSERDATA	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfRecUserData [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfRecUserData [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfRecUserData [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfRecUserData
RTJVLAKYRS2AHUOVR02OFB3L3M	PMNOOFSENTUSERDATA	NUMBER	[TransportNetwork_Mtp3bSpAnsi_M3uAssociation] pmNoOfSentUserData [TransportNetwork_Mtp3bSpChina_M3uAssociation] pmNoOfSentUserData [TransportNetwork_Mtp3bSpItu_M3uAssociation] pmNoOfSentUserData [TransportNetwork_Mtp3bSpTtc_M3uAssociation] pmNoOfSentUserData

7.39.4 ERI_SCTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SIGTRAN_ID		VARCHAR2(100)	[TransportNetwork_Sctp] nEDistinguishedName_MeContext& "/"&TransportNetwork&"-SCTP_"&SCTP
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
THMCKDOOX22AGTPCB0221VYNIL	PMSCTPABORTED	NUMBER	[TransportNetwork_Sctp] pmSctpAborted
THMCKDQOX22AGTPCB0221VYNIL	PMSCTPACTIVEESTAB	NUMBER	[TransportNetwork_Sctp] pmSctpActiveEstab
THMCKDSOX22AGTPCB0221VYNIL	PMSCTPCURRESTAB	NUMBER	[TransportNetwork_Sctp] pmSctpCurrEstab
THMCKDUOX22AGTPCB0221VYNIL	PMSCTPPASSIVEESTAB	NUMBER	[TransportNetwork_Sctp] pmSctpPassiveEstab
THMCKDWOX22AGTPCB0221VYNIL	PMSCTPSHUTDOWNS	NUMBER	[TransportNetwork_Sctp] pmSctpShutdowns
THMCKDYOX22AGTPCB0221VYNIL	PMSCTPSTATASSOCOUTOFBLUE	NUMBER	[TransportNetwork_Sctp] pmSctpStatAssocOutOfBlue

THMCKE1OX22AGTPCB022 1VYNIL	PMSCTPSTATCHECKSUMERRO RCOUNTER	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatChecks umErrorCounter
THMCKE3OX22AGTPCB022 1VYNIL	PMSCTPSTATCOMMRESUME	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatComm Resume
THMCKE5OX22AGTPCB022 1VYNIL	PMSCTPSTATCOMMSTOP	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatComm Stop
THMCKEAOX22AGTPCB02 21VYNIL	PMSCTPSTATFRAGMENTEDUS ERMSG	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatFragm entedUserMsg
THMCKECOX22AGTPCB02 21VYNIL	PMSCTPSTATOUTOFORDERREC CHUNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatOutOf OrderRecChunks
THMCKEEOX22AGTPCB02 21VYNIL	PMSCTPSTATOUTOFORDERSEN DCHUNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatOutOf OrderSendChunks
THMCKEGOX22AGTPCB02 21VYNIL	PMSCTPSTATREASSEMBLEDUS ERMSG	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatReasse mbledUserMsg
THMCKEIOX22AGTPCB022 1VYNIL	PMSCTPSTATRECCHUNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatRecCh unks
THMCKEKOX22AGTPCB02 21VYNIL	PMSCTPSTATRECCHUNKSDRO PPED	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatRecCh unksDropped
THMCKEMOX22AGTPCB02 21VYNIL	PMSCTPSTATRECEIVEDCONTR OLCHUNK	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatReceiv edControlChunks

THMCKEOOX22AGTPCB02 21VYNIL	PMSCTPSTATRECEIVEDPACKA GES	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatReceiv edPackages
THMCKEQOX22AGTPCB02 21VYNIL	PMSCTPSTATRETRANSCHUNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatRetran sChunks
THMCKESOX22AGTPCB02 21VYNIL	PMSCTPSTATSENTCHUNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatSentCh unks
THMCKEUOX22AGTPCB02 21VYNIL	PMSCTPSTATSENTCHUNKSDR OPPED	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatSentCh unksDropped
THMCKEWOX22AGTPCB02 21VYNIL	PMSCTPSTATSENTCONTROLCH UNKS	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatSentCo ntrolChunks
THMCKEYOX22AGTPCB02 21VYNIL	PMSCTPSTATSENTPACKAGES	NUMBE R	[TransportNetwor k_Sctp] pmSctpStatSentPa ckages

7.40 Raw STS1 Tables

7.40.1 ERI_STS1_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
STS1_ID		VARCHA R2(100)	[Sts1SpeTtp] nEDistinguishedName_MeConte xt &"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" &

Column Name	Column Alias	Data Type	Loader Block/Mapping
			Os155SpiTtp & "-Sts1SpeTtp_" & Sts1SpeTtp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SVKQ34OOX22AGTPCB0221VYNIL	PMUASP	NUMBER	[Sts1SpeTtp] pmUasp
SVKQ34KOX22AGTPCB0221VYNIL	PMESP	NUMBER	[Sts1SpeTtp] pmEsp
SVKQ34MOX22AGTPCB0221VYNIL	PMSESP	NUMBER	[Sts1SpeTtp] pmSesp

7.41 Raw STS3 Tables

7.41.1 ERI_STS3_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
STS3_ID		VARCHAR2(100)	[Sts3CspeTtp] nEDistinguishedName_MeContext&"/"&Equipment & "-" & Subrack &"-" & Slot & "-" &PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Sts3CspeTtp_" &Sts3CspeTtp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SVKQ34UOX22AGTPCB0221VYNIL	PMUASP	NUMBER	[Sts3CspeTtp] pmUasp
SVKQ34QOX22AGTPCB0221VYNIL	PMESP	NUMBER	[Sts3CspeTtp] pmEsp
SVKQ34SOX22AGTPCB0221VYNIL	PMSESP	NUMBER	[Sts3CspeTtp] pmSesp

7.42 Raw Synchronization Tables

7.42.1 ERI_SYNC_DELAY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SYNCHRONIZATION_ID		VARCHAR2(50)	[TransportNetwork_Synchronization] nEDistinguishedName_Me Context & "/" & TransportNetwork & "-Synchronization_" & Synchronization
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWA3SYLP2AHUOVR02OFB3L3M	PMHDELAYVARBEST10PCT	NUMBER	[TransportNetwork_Synchronization] pmHDelayVarBest10Pct
XNQWA3UYLP2AHUOVR02OFB3L3M	PMHDELAYVARBEST1PCT	NUMBER	[TransportNetwork_Synchronization] pmHDelayVarBest1Pct
XNQWA3WYLP2AHUOVR02OFB3L3M	PMHDELAYVARBEST50PCT	NUMBER	[TransportNetwork_Synchronization] pmHDelayVarBest50Pct
XNQWA3YYLP2AHUOVR02OFB3L3M	PMMAXDELAYVARIATION	NUMBER	[TransportNetwork_Synchronization] pmMaxDelayVariation

7.43 Raw T1 Tables

7.43.1 ERI_T1_TEM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
T1_ID		VARCHAR2(100)	[T1PhysPathTerm] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&

Column Name	Column Alias	Data Type	Loader Block/Mapping
			Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-T1PhysTerm_"& T1PhysPathTerm [T1Ttp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp & "-" & Sts1SpeTtp & "-" & Vt15Ttp & "-T1Ttp_" & T1Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTNE5K5OX22AGTPCB0221VYNIL	PMUAS	NUMBER	[T1PhysPathTerm] pmUas [T1Ttp] pmUas
TTNE5K1OX22AGTPCB0221VYNIL	PMES	NUMBER	[T1PhysPathTerm] pmEs [T1Ttp] pmEs
TTNE5K3OX22AGTPCB0221VYNIL	PMSES	NUMBER	[T1PhysPathTerm] pmSes [T1Ttp] pmSes

7.44 Raw TdmTermGrp Tables

7.44.1 ERI_TDMTGRP_UTILISATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
TDMTG_ID		VARCHAR2(50)	[MgwApplication_TdmTermGrp] nEDistinguishedName_MeContext&"/"&ManagedElement&"-"&MgwApplication&"-TdmGrp_"&TdmTermGrp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWABCYLP2AHUOVR02	PMNOOFTDMTERMSREJOV	NUMBER	[MgwApplication_Td

OFB3L3M	ERLPROT		mTermGrp] pmNoOfTdmTermsRejOverlProt
TTNE5KAOX22AGTPCB0221VYNIL	PMNROFTDMTERMSBUSY	NUMBER	[MgwApplication_TdmTermGrp] pmNrOfTdmTermsBusy
TTNE5KCOX22AGTPCB0221VYNIL	PMNROFTDMTERMSREJ	NUMBER	[MgwApplication_TdmTermGrp] pmNrOfTdmTermsRej
TTNE5KEOX22AGTPCB0221VYNIL	PMNROFTDMTERMSREQ	NUMBER	[MgwApplication_TdmTermGrp] pmNrOfTdmTermsReq

7.45 Raw Unknown_RemoteSite Tables

7.45.1 ERI_MGW_UNREM_CONQOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
UNKNOWN_REMOTESITE_ID		VARCHAR2(50)	[MgwApplication_UnknownRemoteSite] nEDistinguishedName_MeContext & "/" & MgwApplication & "-Unknown_Remote_" & Unknown_RemoteSite
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWA4IYLP2AHUOVR02O	PMCALLSWITHRTPPACKETL	NUMBER	[MgwApplication_U

FB3L3M	OSS0		nknownRemoteSite] pmCallsWithRtpPac ketLoss0
XNQWA4KYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS1	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss1
XNQWA4MYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS2	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss2
XNQWA4OYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS3	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss3
XNQWA4QYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS4	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss4
XNQWA4SYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS5	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss5
XNQWA4UYLP2AHUOVR02 OFB3L3M	PMCALLSWITHRTPPACKETL OSS6	NUMBER	[MgwApplication_U nknownRemoteSite] pmCallsWithRtpPac ketLoss6
XNQWA4WYLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO0	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io0
XNQWA4YYLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO1	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io1
XNQWA51YLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO2	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io2
XNQWA53YLP2AHUOVR02	PMCONNLATEPKTSRATIO3	NUMBER	[MgwApplication_U

OFB3L3M			nknownRemoteSite] pmConnLatePktsRat io3
XNQWA55YLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO4	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io4
XNQWA5AYLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO5	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io5
XNQWA5CYLP2AHUOVR02 OFB3L3M	PMCONNLATEPKTSRATIO6	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnLatePktsRat io6
XNQWA5EYLP2AHUOVR02 OFB3L3M	PMCONNMEASUREDJITTER0	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnMeasuredJit ter0
XNQWA5GYLP2AHUOVR02 OFB3L3M	PMCONNMEASUREDJITTER1	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnMeasuredJit ter1
XNQWA5IYLP2AHUOVR02O FB3L3M	PMCONNMEASUREDJITTER2	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnMeasuredJit ter2
XNQWA5KYLP2AHUOVR02 OFB3L3M	PMCONNMEASUREDJITTER3	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnMeasuredJit ter3
XNQWA5MYLP2AHUOVR02 OFB3L3M	PMCONNMEASUREDJITTER4	NUMBER	[MgwApplication_U nknownRemoteSite] pmConnMeasuredJit ter4

XNQWA5OYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER5	NUMBER	[MgwApplication_UnknownRemoteSite]pmConnMeasuredJitter5
XNQWA5QYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER6	NUMBER	[MgwApplication_UnknownRemoteSite]pmConnMeasuredJitter6
XNQWA5SYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER7	NUMBER	[MgwApplication_UnknownRemoteSite]pmConnMeasuredJitter7
XNQWA5UYLP2AHUOVR02OFB3L3M	PMCONNMEASUREDJITTER8	NUMBER	[MgwApplication_UnknownRemoteSite]pmConnMeasuredJitter8
XNQWA5WYLP2AHUOVR02OFB3L3M	PMCONNSONUNKNOWNREMOTESITE	NUMBER	[MgwApplication_UnknownRemoteSite]pmConnsOnUnknownRemoteSite
XNQWA5YYLP2AHUOVR02OFB3L3M	PMIPRECEIVEDECNPKTS	NUMBER	[MgwApplication_UnknownRemoteSite]pmIpReceivedEcnPkts
XNQWA61YLP2AHUOVR02OFB3L3M	PMLATEPKTSDUETODEJITTER	NUMBER	[MgwApplication_UnknownRemoteSite]pmLatePktsDueToDeJitter
XNQWA63YLP2AHUOVR02OFB3L3M	PMRTPDISCARDEDPKTS	NUMBER	[MgwApplication_UnknownRemoteSite]pmRtpDiscardedPkts
XNQWA65YLP2AHUOVR02OFB3L3M	PMRTPLOSTPKTS	NUMBER	[MgwApplication_UnknownRemoteSite]pmRtpLostPkts
XNQWA6AYLP2AHUOVR02OFB3L3M	PMRTPRECEIVEDDSCPCONGPACKETS	NUMBER	[MgwApplication_UnknownRemoteSite]pmRtpReceivedDscpCongPackets
XNQWA6CYLP2AHUOVR02	PMRTPRECEIVEDOCTETSHI	NUMBER	[MgwApplication_U

OFB3L3M			nknownRemoteSite] TotRtpReceivedOcte ts
XNQWA6EYLP2AHUOVR02 OFB3L3M	PMRTPRECEIVEDOCTETSLO	NUMBER	[MgwApplication_U nknownRemoteSite] pmRtpReceivedOcte tsLo
XNQWA6GYLP2AHUOVR02 OFB3L3M	PMRTPRECEIVEDPKTSHI	NUMBER	[MgwApplication_U nknownRemoteSite] TotRtpReceivedPkts
XNQWA6IYLP2AHUOVR02O FB3L3M	PMRTPRECEIVEDPKTSLO	NUMBER	[MgwApplication_U nknownRemoteSite] pmRtpReceivedPkts Lo
XNQWA6KYLP2AHUOVR02 OFB3L3M	PMRTPSENTOCTETSHI	NUMBER	[MgwApplication_U nknownRemoteSite] TotRtpSentOctets
XNQWA6MYLP2AHUOVR02 OFB3L3M	PMRTPSENTOCTETSLO	NUMBER	[MgwApplication_U nknownRemoteSite] pmRtpSentOctetsLo
XNQWA6OYLP2AHUOVR02 OFB3L3M	PMRTPSENTPKTSHI	NUMBER	[MgwApplication_U nknownRemoteSite] TotRtpSentPkts
XNQWA6QYLP2AHUOVR02 OFB3L3M	PMRTPSENTPKTSLO	NUMBER	[MgwApplication_U nknownRemoteSite] pmRtpSentPktsLo
XNQWA6SYLP2AHUOVR02 OFB3L3M	PMSUCCTRANSMITTEDPKTS HI	NUMBER	[MgwApplication_U nknownRemoteSite] TotSuccTransmitted Pkts
XNQWA6UYLP2AHUOVR02 OFB3L3M	PMSUCCTRANSMITTEDPKTS LO	NUMBER	[MgwApplication_U nknownRemoteSite] pmSuccTransmitted PktsLo

7.46 Raw VC11 Tables

7.46.1 ERI_VC11_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VC11_ID		VARCHAR2(50)	[Ess_Vc11Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-" & Vc3Ttp & "-Vc11Ttp_" & Vc11Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWA6WYLP2AHUOVR02OFB3L3M	PMVCBBE	NUMBER	[Ess_Vc11Ttp] pmVcBbe
XNQWA6YYLP2AHUOVR02OFB3L3M	PMVCES	NUMBER	[Ess_Vc11Ttp] pmVcEs
XNQWAA1YLP2AHUOVR02OFB3L3M	PMVCSES	NUMBER	[Ess_Vc11Ttp] pmVcSes
XNQWAA3YLP2AHUOVR02OFB3L3M	PMVCUAS	NUMBER	[Ess_Vc11Ttp] pmVcUas

7.47 Raw VC12 Tables

7.47.1 ERI_VC12_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VC12_ID		VARCHAR2(100)	[Ess_Vc12Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-"&Vc4Ttp&"-Vc12Ttp_"&Vc12Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTNE5KQOX22AGTPCB02	PMVCBBE	NUMBER	[Ess_Vc12Ttp] pmVcBbe

21VYNIL			
TTNE5KSOX22AGTPCB02 21VYNIL	PMVCUAS	NUMBER	[Ess_Vc12Ttp] pmVcUas
TTNE5KMOX22AGTPCB02 21VYNIL	PMVCES	NUMBER	[Ess_Vc12Ttp] pmVcEs
TTNE5KOOX22AGTPCB02 21VYNIL	PMVCSES	NUMBER	[Ess_Vc12Ttp] pmVcSes

7.48 Raw VC3 Tables

7.48.1 ERI_VC3_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VC3_ID		VARCHAR2(50)	[Ess_Vc3Ttp] nEDistinguishedName_MeContext & "/" & Equipment & "-" & Subrack & "-" & Slot & "-" & PlugInUnit & "-" & ExchangeTerminal & "-" & Os155SpiTtp & "-Vc3Ttp_" & Vc3Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XNQWAA5YLP2AHUOVR02 OFB3L3M	PMVCBBE	NUMBER	[Ess_Vc3Ttp] pmVcBbe
XNQWAAAYLP2AHUOVR02 OFB3L3M	PMVCES	NUMBER	[Ess_Vc3Ttp] pmVcEs
XNQWAACYLP2AHUOVR02 OFB3L3M	PMVCSES	NUMBER	[Ess_Vc3Ttp] pmVcSes
XNQWAAEYLP2AHUOVR02 OFB3L3M	PMVCUAS	NUMBER	[Ess_Vc3Ttp] pmVcUas

7.49 Raw VC4 Tables

7.49.1 ERI_VC4TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VC4_ID		VARCHAR2(50)	[Ess_Vc4Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-Vc4Ttp_"&Vc4Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTNE5KYOX22AGTPCB0221VYNIL	PMVCBBE	NUMBER	[Ess_Vc4Ttp] pmVcBbe
TTNE5L1OX22AGTPCB0221VYNIL	PMVCUAS	NUMBER	[Ess_Vc4Ttp] pmVcUas
TTNE5KUOX22AGTPCB0221VYNIL	PMVCES	NUMBER	[Ess_Vc4Ttp] pmVcEs
TTNE5KWOX22AGTPCB0221VYNIL	PMVCSES	NUMBER	[Ess_Vc4Ttp] pmVcSes

7.50 Raw VclTp Tables

7.50.1 ERI_VCLTP_VC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VCLTP_ID		VARCHAR2(50)	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-"&VplTp&"-"&VpcTp&"-VclTp_"&VclTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TKC0A3L0QG2AIEOWB02O	PMBWUTILRX_PCR	FLOAT	[TransportNetwork_AtmPor

FB3L3M			t_VplTp_VpcTp_VclTp] pmBwUtilRx_PCR
TKC0A3N0QG2AIEOWB02O FB3L3M	PMBWUTILRX_0_5	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_0_5
TKC0A3P0QG2AIEOWB02O FB3L3M	PMBWUTILRX_6_10	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_6_10
TKC0A3R0QG2AIEOWB02O FB3L3M	PMBWUTILRX_11_15	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_11_15
TKC0A3T0QG2AIEOWB02O FB3L3M	PMBWUTILRX_16_20	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_16_20
TKC0A3V0QG2AIEOWB02O FB3L3M	PMBWUTILRX_21_25	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_21_25
TKC0A3X0QG2AIEOWB02O FB3L3M	PMBWUTILRX_26_30	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_26_30
TKC0A400QG2AIEOWB02O FB3L3M	PMBWUTILRX_31_35	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_31_35
TKC0A420QG2AIEOWB02O FB3L3M	PMBWUTILRX_36_40	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_36_40
TKC0A440QG2AIEOWB02O FB3L3M	PMBWUTILRX_41_45	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_41_45
TKC0A460QG2AIEOWB02O FB3L3M	PMBWUTILRX_46_50	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilRx_46_50
TKC0A4B0QG2AIEOWB02O FB3L3M	PMBWUTILRX_51_55	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp]

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			pmBwUtilRx_51_55
TKC0A4D0QG2AIEOWB02O FB3L3M	PMBWUTILRX_56_60	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_56_60
TKC0A4F0QG2AIEOWB02O FB3L3M	PMBWUTILRX_61_65	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_61_65
TKC0A4H0QG2AIEOWB02O FB3L3M	PMBWUTILRX_66_70	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_66_70
TKC0A4J0QG2AIEOWB02O FB3L3M	PMBWUTILRX_71_75	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_71_75
TKC0A4L0QG2AIEOWB02O FB3L3M	PMBWUTILRX_76_80	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_76_80
TKC0A4N0QG2AIEOWB02O FB3L3M	PMBWUTILRX_81_85	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_81_85
TKC0A4P0QG2AIEOWB02O FB3L3M	PMBWUTILRX_86_90	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_86_90
TKC0A4R0QG2AIEOWB02O FB3L3M	PMBWUTILRX_91_95	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_91_95
TKC0A4T0QG2AIEOWB02O FB3L3M	PMBWUTILRX_96_100	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilRx_96_100
TKC0A4V0QG2AIEOWB02O FB3L3M	PMBWUTILTX_PCR	FLOAT	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_PCR
TKC0A4X0QG2AIEOWB02O FB3L3M	PMBWUTILTX_0_5	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_0_5
TKC0A500QG2AIEOWB02O FB3L3M	PMBWUTILTX_6_10	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_6_10
TKC0A520QG2AIEOWB02O	PMBWUTILTX_11_15	NUMBER	[TransportNetwork_AtmPor

FB3L3M			t_VplTp_VpcTp_VclTp] pmBwUtilTx_11_15
TKC0A540QG2AIEOWB02O FB3L3M	PMBWUTILTX_16_20	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_16_20
TKC0A560QG2AIEOWB02O FB3L3M	PMBWUTILTX_21_25	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_21_25
TKC0A5B0QG2AIEOWB02O FB3L3M	PMBWUTILTX_26_30	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_26_30
TKC0A5D0QG2AIEOWB02O FB3L3M	PMBWUTILTX_31_35	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_31_35
TKC0A5F0QG2AIEOWB02O FB3L3M	PMBWUTILTX_36_40	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_36_40
TKC0A5H0QG2AIEOWB02O FB3L3M	PMBWUTILTX_41_45	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_41_45
TKC0A5J0QG2AIEOWB02O FB3L3M	PMBWUTILTX_46_50	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_46_50
TKC0A5L0QG2AIEOWB02O FB3L3M	PMBWUTILTX_51_55	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_51_55
TKC0A5N0QG2AIEOWB02O FB3L3M	PMBWUTILTX_56_60	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_56_60
TKC0A5P0QG2AIEOWB02O FB3L3M	PMBWUTILTX_61_65	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp] pmBwUtilTx_61_65
TKC0A5R0QG2AIEOWB02O FB3L3M	PMBWUTILTX_66_70	NUMBER	[TransportNetwork_AtmPort_VplTp_VpcTp_VclTp]

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Column Name	Column Alias	Data Type	Loader Block/Mapping
			pmBwUtilTx_66_70
TKC0A5T0QG2AIEOWB02O FB3L3M	PMBWUTILTX_71_75	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_71_75
TKC0A5V0QG2AIEOWB02O FB3L3M	PMBWUTILTX_76_80	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_76_80
TKC0A5X0QG2AIEOWB02O FB3L3M	PMBWUTILTX_81_85	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_81_85
TKC0A600QG2AIEOWB02O FB3L3M	PMBWUTILTX_86_90	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_86_90
TKC0A620QG2AIEOWB02O FB3L3M	PMBWUTILTX_91_95	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_91_95
TKC0A640QG2AIEOWB02O FB3L3M	PMBWUTILTX_96_100	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmBwUtilTx_96_100
U6SUUFAOX22AGTPCB022 1VYNIL	PMRECEIVEDATMCEL LS	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmReceivedAtmCells
U6SUUFCOX22AGTPCB022 1VYNIL	PMTRANSMITTEDATM CELLS	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] pmTransmittedAtmCells
XDQRL641BL2AHCW3002O FAWAEX	INGRESSATMPCR	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] ingressAtmPcr
XDQRL661BL2AHCW3002O FAWAEX	EGRESSATMPCR	NUMBER	[TransportNetwork_AtmPor t_VplTp_VpcTp_VclTp] egressAtmPcr

7.51 Raw VMGW Tables

7.51.1 ERI_MGW_VMGW_IPBCP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

VMGW_ID		VARCHAR2(50)	[MgwApplication_Vmgw] nEDistinguishedName_MeContext&"/ "&MgwApplication&"-Vmgw_"&Vmgw
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U0NBW6EOX22AGTPCB0221VYNIL	PMNOFORIGIPBCPBEARPREPREJ	NUMBER	[MgwApplication_Vmgw] pmNrOfOrigIpbcpBearPrepRejected
U0NBW6GOX22AGTPCB0221VYNIL	PMNOFORIGIPBCPBEARSUPERVTMREXP	NUMBER	[MgwApplication_Vmgw] pmNrOfOrigIpbcpBearSupervTmrExp
U0NBW6IOX22AGTPCB0221VYNIL	PMNROFRECFAULTYIPBCPACCEPTMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfRecFaultyIpbcpAcceptMsg
U0NBW6KOX22AGTPCB0221VYNIL	PMNROFRECIPBCPACCEPTMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfRecIpbcpAcceptMsg
U0NBW6MOX22AGTPCB0221VYNIL	PMNROFRECIPBCPCONFUSEDMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfRecIpbcpConfusedMsg
U0NBW6OOX22AGTPCB0221VYNIL	PMNROFRECIPBCPREJECTMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfRecIpbcpRejectMsg
U0NBW6QOX22AGTPCB02	PMNROFRECIPBCPREQUESTM	NUMBER	[MgwApplication_

21VYNIL	SG		Vmgw] pmNrOfRecIpbcpRequestMsg
U0NBW6SOX22AGTPCB02 21VYNIL	PMNROFSENTIPBCPACCEPTMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfSentIpbcp AcceptMsg
U0NBW6UOX22AGTPCB02 21VYNIL	PMNROFSENTIPBCPCONFUSED MSG	NUMBER	[MgwApplication_Vmgw] pmNrOfSentIpbcp ConfusedMsg
U0NBW6WOX22AGTPCB02 21VYNIL	PMNROFSENTIPBCPREJECTMSG	NUMBER	[MgwApplication_Vmgw] pmNrOfSentIpbcp RejectMsg
U0NBW6YOX22AGTPCB02 21VYNIL	PMNROFSENTIPBCPREQUEST MSG	NUMBER	[MgwApplication_Vmgw] pmNrOfSentIpbcp RequestMsg
U0NBWA1OX22AGTPCB02 21VYNIL	PMNOFTERMIPBCPBEARPREPR EJECTED	NUMBER	[MgwApplication_Vmgw] pmNrOfTermIpbcp BearPrepRejected
U0NBWA3OX22AGTPCB02 21VYNIL	PMNOFTERMIPBCPBEARSUPE RVTMREXP	NUMBER	[MgwApplication_Vmgw] pmNrOfTermIpbcp BearSupervTmrExp

7.51.2 ERI_MGW_VMGW_IU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VMGW_ID		VARCHAR2(50)	[MgwApplication_Vmgw] nEDistinguishedName_MeContext&"/"&MgwApplication&"-Vmgw_"&Vmgw
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

| U0NBWA5OX22AGTPCB02 21VYNIL | PMNROFTERMIUINIT | NUMBER | [MgwApplication_Vmgw] pmNrOfTermIuInit |
| U0NBWAAOX22AGTPCB02 21VYNIL | PMNROFTERMIUINITS UCC | NUMBER | [MgwApplication_Vmgw] pmNrOfTermIuInitSucc |

7.51.3 ERI_MGW_VMGW_NB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VMGW_ID		VARCHAR2(50)	[MgwApplication _Vmgw] nEDistinguished Name_MeContex t&"/"&MgwAppli cation&"-Vmgw_"&Vmgw
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VGWNTH1EQJ2AHT30R02 OFAWJHE	PMNOOFALAWONNBCONNS	NUMBER	[MgwApplication _Vmgw] pmNoOfAlawOn NbConns
WJPI0SSEQJ2AHT30R02OF AWJHE	PMNOOFALAWONTDMCONNS	NUMBER	[MgwApplication _Vmgw] pmNoOfAlawOn TdmConns
X0LCNDSEQJ2AHT30R02O FAWJHE	PMNOOFALAWTOULAWPCMLA WCONNS	NUMBER	[MgwApplication _Vmgw] pmNoOfAlawTo UlawPcmLawCo nns
XTMLETCEQJ2AHT30R02O FAWJHE	PMNOOFCOMPTONONDEFPCML AWCONNS	NUMBER	[MgwApplication _Vmgw] pmNoOfCompTo

			NonDefaultPcmLawConns
YBER4HGEQJ2AHT30R02OFAWJHE	PMNOOFNONNODEDEFPCMLAWCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfNonNodeDefaultPcmLawConns
RPTLXGKEQK2AHT30R02OFAWJHE	PMNOOFULAWONNBCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfUlawOnNbConns
SCVE42CEQK2AHT30R02OFAWJHE	PMNOOFULAWONTDMCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfUlawOnTdmConns
U0NBWACOX22AGTPCB0221VYNIL	PMNOOFAMRONNBCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfAMROnNbConns
U0NBWAEOX22AGTPCB0221VYNIL	PMNOOFEFRONNBCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfEFROnNbConns
U0NBWAGOX22AGTPCB0221VYNIL	PMNOOFPCMONNBCONNS	NUMBER	[MgwApplication_Vmgw]pmNoOfPCMOnNbConns
U0NBWAIOX22AGTPCB0221VYNIL	PMNROFORIGNBINIT	NUMBER	[MgwApplication_Vmgw]pmNrOfOrigNbInit
U0NBWAKOX22AGTPCB0221VYNIL	PMNROFORIGNBINITFAULTS	NUMBER	[MgwApplication_Vmgw]pmNrOfOrigNbInitFaults
U0NBWAMOX22AGTPCB0221VYNIL	PMNROFTERMNBINIT	NUMBER	[MgwApplication_Vmgw]pmNrOfTermNbInit
U0NBWAOOX22AGTPCB02	PMNROFTERMNBINITSUCC	NUMBE	[MgwApplication

			_Vmgw] pmNrOfTermNbI nitSucc
21VYNIL		R	

7.51.4 ERI_VMGW_BCTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VMGW_ID		VARCHAR2(50)	[MgwApplication_V mgw] nEDistinguishedNa me_MeContext&"/" &MgwApplication& "-Vmgw_"&Vmgw
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TTNE5L3OX22AGTPCB022 1VYNIL	PMNROFRECBCTPPROTOCOLF AILURES	NUMBER	[MgwApplication_V mgw] pmNrOfRecBctpPro tocolFailures
U0NBW6COX22AGTPCB02 21VYNIL	PMNROFSENTBCTPPROTOCOL FAILURES	NUMBER	[MgwApplication_V mgw] pmNrOfSentBctpPro tocolFailures

7.51.5 ERI_VMGW_UTILISATION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VMGW_ID		VARCHAR2(50)	[MgwApplicatio n_Vmgw] nEDistinguished Name_MeConte xt&"/"&MgwAp plication&"- Vmgw_"&Vmg

			w
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U0NBWC3OX22AGTPCB0221VYNIL	PMNROFCONNICMPDESTUNREACHS	NUMBER	[MgwApplication_Vmgw] pmNrOfConnIcmpDestUnreachs
U0NBWC5OX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYCSDFAULTAEST	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpNotifyCsdFaultAEst
U0NBWCAOX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYCSDFAULTBEST	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpNotifyCsdFaultBEst
U0NBWCCOX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYSPEECHFAULTAEST	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpNotifySpeechFaultAEst
U0NBWCEOX22AGTPCB0221VYNIL	PMNROFGCPNOTIFYSPEECHFAULTBEST	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpNotifySpeechFaultBEst
U0NBWCGOX22AGTPCB0221VYNIL	PMNROFGCPOCTETSREC	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpOctetsRec
U6SUUDKOX22AGTPCB0221VYNIL	PMNROFGCPOCTETSSENT	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpOctetsSent
U6SUUDMOX22AGTPCB0221VYNIL	PMNROFGCPRETRANS	NUMBER	[MgwApplication_Vmgw] pmNrOfGcpRetrans
U6SUUDOOX22AGTPCB0221	PMNROFGCPSENTPENDINGME	NUMBE	[MgwApplicatio

VYNIL	SS	R	n_Vmgw] pmNrOfGcpSent PendingMess
U6SUUDQOX22AGTPCB0221 VYNIL	PMNOFGCPTRANSACTIONWIT HMAXRETR	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfGcpTran sactionWithMax Retr
U6SUUDSOX22AGTPCB0221 VYNIL	PMNOFGCPTRANSWITHMAXPE NDMESS	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfGcpTran sWithMaxPendin gMess
U6SUUDUOX22AGTPCB0221 VYNIL	PMNOFINTERNALAAL2CONNE STABFAIL	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfInternal Aal2ConnEstabF ail
U6SUUDWOX22AGTPCB022 1VYNIL	PMNROFINVOKEDGCPLOADCO NTROL	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfInvoked GcpLoadControl
U6SUUDYOX22AGTPCB0221 VYNIL	PMNOFIUTERMAAL2BEARESTF AILLOC	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfIuTerm Aal2BearEstabFa ilLoc
U6SUUE1OX22AGTPCB0221 VYNIL	PMNOFIUTERMAAL2BEARESTF AILREM	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfIuTerm Aal2BearEstabFa ilRem
U6SUUE3OX22AGTPCB0221 VYNIL	PMNOFNBORIGAAL2BEARESTF AILLOC	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfNbOrig Aal2BearEstabFa ilLoc

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U6SUUE5OX22AGTPCB0221VYNIL	PMNOFNBORIGAAL2BEARESTFAILREM	NUMBER	[MgwApplication_Vmgw] pmNrOfNbOrigAal2BearEstabFailRem
U6SUUEAOX22AGTPCB0221VYNIL	PMNOFNBTERMAAL2BEARESTFAILLOC	NUMBER	[MgwApplication_Vmgw] pmNrOfNbTermAal2BearEstabFailLoc
U6SUUECOX22AGTPCB0221VYNIL	PMNOFNBTERMAAL2BEARESTFAILREM	NUMBER	[MgwApplication_Vmgw] pmNrOfNbTermAal2BearEstabFailRem
XNQWAAKYLP2AHUOVR02OFB3L3M	PMNOOFAMRONIUCONNS	NUMBER	[MgwApplication_Vmgw] pmNoOfAmrOnIuConns
XNQWAAMYLP2AHUOVR02OFB3L3M	PMNOOFAMRONVOIPCONNS	NUMBER	[MgwApplication_Vmgw] pmNoOfAmrOnVoIpConns
XNQWAAOYLP2AHUOVR02OFB3L3M	PMNOOFAMRWBONIUCONNS	NUMBER	[MgwApplication_Vmgw] pmNoOfAmrWbOnIuConns
XNQWAAQYLP2AHUOVR02OFB3L3M	PMNOOFAMRWBONNBCONNS	NUMBER	[MgwApplication_Vmgw] pmNoOfAmrWbOnNbConns
XNQWAASYLP2AHUOVR02OFB3L3M	PMNOOFAMRWBONVOIPCONNS	NUMBER	[MgwApplication_Vmgw] pmNoOfAmrWbOnVoIpConns
XNQWAAUYLP2AHUOVR02OFB3L3M	PMNOOFCODECMODREJ	NUMBER	[MgwApplication_Vmgw] pmNoOfCodecModRej
XNQWAAWYLP2AHUOVR02	PMNOOFCODECMODREQ	NUMBE	[MgwApplicatio

OFB3L3M		R	n_Vmgw] pmNoOfCodecM odReq
XNQWAAYYLP2AHUOVR02 OFB3L3M	PMNOOFEFRONVOIPCONNS	NUMBE R	[MgwApplicatio n_Vmgw] pmNoOfEfrOnV oIpConns
XNQWAB1YLP2AHUOVR02 OFB3L3M	PMNOOFG711ONVOIPCONNS	NUMBE R	[MgwApplicatio n_Vmgw] pmNoOfG711On VoIpConns
XNQWAB3YLP2AHUOVR02 OFB3L3M	PMNROFG729ONVOIPCONNS	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfG729On VoIpConns
XNQWAB5YLP2AHUOVR02 OFB3L3M	PMNROFIUIPBEARERSUPERVT MREXP	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfIuIpBear erSupervTmrExp
XNQWABAYLP2AHUOVR02 OFB3L3M	PMNROFVOIPBEARERSUPERVT MREXP	NUMBE R	[MgwApplicatio n_Vmgw] pmNrOfVoIpBea rerSupervTmrEx p
U0NBWASOX22AGTPCB0221 VYNIL	PMGCPNROFRECEIVEDMESSA GES	NUMBE R	[MgwApplicatio n_Vmgw] pmGcpNrOfRece ivedMessages
U0NBWAUOX22AGTPCB022 1VYNIL	PMGCPNROFSENTMESSAGES	NUMBE R	[MgwApplicatio n_Vmgw] pmGcpNrOfSent Messages
U0NBWAWOX22AGTPCB022 1VYNIL	PMGCPNROFTIMERRECOVERY	NUMBE R	[MgwApplicatio n_Vmgw] pmGcpNrOfTim erRecovery

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

U0NBWAYOX22AGTPCB0221VYNIL	PMGCPSYSTEMUPTIME	NUMBER	[MgwApplication_Vmgw] pmGcpSystemUpTime
U0NBWB1OX22AGTPCB0221VYNIL	PMNROFAAL2TERMSBUSY	NUMBER	[MgwApplication_Vmgw] pmNrOfAal2TermsBusy
U0NBWB3OX22AGTPCB0221VYNIL	PMNROFAAL2TERMSREJ	NUMBER	[MgwApplication_Vmgw] pmNrOfAal2TermsRej
U0NBWB5OX22AGTPCB0221VYNIL	PMNROFAAL2TERMSREQ	NUMBER	[MgwApplication_Vmgw] pmNrOfAal2TermsReq
U0NBWBAOX22AGTPCB0221VYNIL	PMNROFCONTEXTSBUSY	NUMBER	[MgwApplication_Vmgw] pmNrOfContextsBusy
U0NBWBCOX22AGTPCB0221VYNIL	PMNROFCONTEXTSREJ	NUMBER	[MgwApplication_Vmgw] pmNrOfContextsRej
U0NBWBEOX22AGTPCB0221VYNIL	PMNROFCONTEXTSREQ	NUMBER	[MgwApplication_Vmgw] pmNrOfContextsReq
U0NBWBGOX22AGTPCB0221VYNIL	PMNROFIPTERMSBUSY	NUMBER	[MgwApplication_Vmgw] pmNrOfIpTermsBusy
U0NBWBIOX22AGTPCB0221VYNIL	PMNROFIPTERMSREJ	NUMBER	[MgwApplication_Vmgw] pmNrOfIpTermsRej
U0NBWBKOX22AGTPCB0221VYNIL	PMNROFIPTERMSREQ	NUMBER	[MgwApplication_Vmgw] pmNrOfIpTermsReq

U0NBWBWOX22AGTPCB022 1VYNIL	PMNROFTDMTERMSFAULTY	NUMBER	[MgwApplicatio n_Vmgw] pmNrOfTdmTer msFaulty
U0NBWBYOX22AGTPCB022 1VYNIL	PMNROFTDMTERMSLOCKED	NUMBER	[MgwApplicatio n_Vmgw] pmNrOfTdmTer msLocked
U0NBWC1OX22AGTPCB0221 VYNIL	PMTOTALNROFTDMTERMS	NUMBER	[MgwApplicatio n_Vmgw] pmTotalNrOfTd mTerms

7.52 Raw VpcTp Tables

7.52.1 ERI_VCLTP_VP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VPCTP_ID		VARCHA R2(50)	[TransportNetwork_AtmPort_ VplTp_VpcTp] nEDistinguishedName_MeCon text&"/"&TransportNetwork& "-"&AtmPort&"-"&VplTp&"- VpcTp_"&VpcTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U6SUUFEOX22AGTPCB02 21VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmBwErrBlocks
U6SUUFGOX22AGTPCB02 21VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmBwLostCells
U6SUUFIOX22AGTPCB022 1VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmBwMissinsCells

U6SUUFKOX22AGTPCB02 21VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmFwErrBlocks
U6SUUFMOX22AGTPCB02 21VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmFwLostCells
U6SUUFOOX22AGTPCB02 21VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmFwMissinsCells
U6SUUFQOX22AGTPCB02 21VYNIL	PMLOSTBRCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmLostBrCells
U6SUUFSOX22AGTPCB02 21VYNIL	PMLOSTFPMCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp_VpcTp] pmLostFpmCells

7.53 Raw VplTp Tables

7.53.1 ERI_TGFVPCTP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VPLTP_ID		VARCHAR2(50)	[TransportNetwork_AtmPort_ VplTp] nEDistinguishedName_MeCon text&"/"&TransportNetwork& "-"&AtmPort&"- VplTp_"&VplTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UFV5VJAOX22AGTPCB02 21VYNIL	PMBWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort_ VplTp] pmBwErrBlocks
UFV5VJCOX22AGTPCB02 21VYNIL	PMBWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp] pmBwLostCells
UFV5VJEOX22AGTPCB02 21VYNIL	PMBWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp] pmBwMissinsCells
UFV5VJGOX22AGTPCB02 21VYNIL	PMFWERRBLOCKS	NUMBER	[TransportNetwork_AtmPort_ VplTp] pmFwErrBlocks
UFV5VJIOX22AGTPCB022 1VYNIL	PMFWLOSTCELLS	NUMBER	[TransportNetwork_AtmPort_ VplTp] pmFwLostCells

UFV5VJKOX22AGTPCB0221VYNIL	PMFWMISSINSCELLS	NUMBER	[TransportNetwork_AtmPort_VplTp] pmFwMissinsCells
UFV5VJMOX22AGTPCB0221VYNIL	PMLOSTBRCELLS	NUMBER	[TransportNetwork_AtmPort_VplTp] pmLostBrCells
UFV5VJOOX22AGTPCB0221VYNIL	PMLOSTFPMCELLS	NUMBER	[TransportNetwork_AtmPort_VplTp] pmLostFpmCells

7.53.2 ERI_VPLTP_TRAFFIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VPLTP_ID		VARCHAR2(50)	[TransportNetwork_AtmPort_VplTp] nEDistinguishedName_MeContext&"/"&TransportNetwork&"-"&AtmPort&"-VplTp_"&VplTp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UFV5VJ3OX22AGTPCB0221VYNIL	PMRECEIVEDATMCELLS	NUMBER	[TransportNetwork_AtmPort_VplTp] pmReceivedAtmCells
UFV5VJ5OX22AGTPCB0221VYNIL	PMTRANSMITTEDATMCELLS	NUMBER	[TransportNetwork_AtmPort_VplTp] pmTransmittedAtmCells
WNJ4TCP1BM2AHCW3002OFAWAEX	INGRESSATMPCR	NUMBER	[TransportNetwork_AtmPort_VplTp] ingressAtmPcr
WNJ4TCN1BM2AHCW3002OFAWAEX	EGRESSATMPCR	NUMBER	[TransportNetwork_AtmPort_VplTp] egressAtmPcr
RS2TIUVGWB2AHBGTJ00PG3RX00	INGRESSPCR	NUMBER	[TransportNetwork_AtmPort_VplTp] ingressPcr
T31Q1X4GWB2AHBGTJ00PG3RX00	EGRESSPCR	NUMBER	[TransportNetwork_AtmPort_VplTp] egressPcr

7.54 Raw VT15 Tables

7.54.1 ERI_VT15_TERM_POINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VT15_ID		VARCHAR2(50)	[Vt15Ttp] nEDistinguishedName_MeContext&"/"&Equipment&"-"&Subrack&"-"&Slot&"-"&PlugInUnit&"-"&ExchangeTerminal&"-"&Os155SpiTtp&"-"&Sts1SpeTtp&"-Vt15Ttp_"&Vt15Ttp
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U6SUUESOX22AGTPCB0221VYNIL	PMUAS	NUMBER	[Vt15Ttp] pmUas
U6SUUEOOX22AGTPCB0221VYNIL	PMES	NUMBER	[Vt15Ttp] pmEs
U6SUUEQOX22AGTPCB0221VYNIL	PMSES	NUMBER	[Vt15Ttp] pmSes

8 Performance Alarms

This section shows details of the performance alarms that are defined in this technology pack module:

None.

9 Reports

This section shows details of the reports that are defined in this technology pack module.

All reports can be run as raw, daily, weekly or monthly reports.

Where a KPI is marked (DA), it means Data Availability is to be reported upon it.

9.1 AAL2 Access Point Connection Report

This report shows the statistics for the ATM Adaptive Layer 2, specifically the connections and types.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.AAL2_Access_Point
Primary Object	AAL2_Access_Point
Data report for AAL2 AP connections	AAL2_Access_Point.AAL2_AP_Id, AAL2_Access_Point.AAL2_SP_Id, AAL2_Access_Point.Ericsson.Connections.pmExisTransConns, AAL2_Access_Point.Ericsson.Connections.pmExisTermConns, AAL2_Access_Point.Ericsson.Connections.pmExisOrigConns
AAL2 AP connection types	AAL2_Access_Point.Ericsson.Connections.pmExisOrigConns, AAL2_Access_Point.Ericsson.Connections.pmExisTermConns, AAL2_Access_Point.Ericsson.Connections.pmExisTransConns

9.2 Aggregated MGW Resource Pool MGW level Report

This report shows the aggregated utilisation rates for MGW Resource Pool at the MGW level.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Aggregated utilisation of MGW Resource Pool	MGW_Resource_Pool.Ericsson.Device_Pool.pmTotalSeizures, MGW_Resource_Pool.Ericsson.Device_Pool.pmUnsuccSeizures
Summary table for Aggregated Utilisation	MGW_Resource_Pool.Ericsson.Device_Pool.pmTotalSeizures, MGW_Resource_Pool.Ericsson.Device_Pool.pmUnsuccSeizures

9.3 ATM Port Traffic Report

This report shows the traffic statistics for the ATM port; specifically sent and received ATM cells and throughput.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.ATM_Port
Primary Object	ATM_Port
ATM cells throughput	ATM_Port.Ericsson.ATM_port_utilisation.pmTransmittedAtmCells, ATM_Port.Ericsson.ATM_port_utilisation.pmReceivedAtmCells
ATM port bandwidth	ATM_Port.Ericsson.ATM_port_utilisation.Tx_bandwidth_per_second , ATM_Port.Ericsson.ATM_port_utilisation.Rx_bandwidth_per_second
Data table for ATM throughput and bandwidth.	ATM_Port.Ericsson.ATM_port_utilisation.pmTransmittedAtmCells, ATM_Port.Ericsson.ATM_port_utilisation.Rx_bandwidth_per_second , ATM_Port.Ericsson.ATM_port_utilisation.Tx_bandwidth_per_second , ATM_Port.Ericsson.ATM_port_utilisation.pmReceivedAtmCells

9.4 ATM Port Usage Rate Transmit And Receive Report

This report shows the ATM Port traffic for both transmit and receive path. Figures shown the usage rate of the port in %.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.ATM_Port
Primary Object	ATM_Port
Graph for Port Usage Rate	ATM_Port.Ericsson.ATM_port_utilisation._%_ATM_Port_Sent_Usage, ATM_Port.Ericsson.ATM_port_utilisation._%_ATM_Port_Rcvd_Usage
Table for Port Usage Rate	ATM_Port.Node_Id, ATM_Port.ATM_Port_Id, ATM_Port.Ericsson.ATM_port_utilisation.pmReceivedAtmCells, ATM_Port.Ericsson.ATM_port_utilisation.pmTransmittedAtmCells,

Report Feature	Details
	ATM_Port.Ericsson.ATM_port_utilisation._ %_ATM_Port_Sent_Usage, ATM_Port.Ericsson.ATM_port_utilisation._ %_ATM_Port_Rcvd_Usage

9.5 ATM VP Link Traffic Report

This report shows the traffic statistics for the ATM port VP link, specifically; sent and received ATM cells and throughput.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.VplTp
Primary Object	VplTp
ATM VP cells	VplTp.Ericsson.Traffic.pmTransmittedAtmCells, VplTp.Ericsson.Traffic.pmReceivedAtmCells
ATM VP bandwidth	VplTp.Ericsson.Traffic.Tx_bandwidth_per_second, VplTp.Ericsson.Traffic.Rx_bandwidth_per_second
Data table VP link cells and throughput	VplTp.VplTp_Description, VplTp.Ericsson.Traffic.Rx_bandwidth_per_second, VplTp.Ericsson.Traffic.Tx_bandwidth_per_second, VplTp.Ericsson.Traffic.pmReceivedAtmCells, VplTp.Ericsson.Traffic.pmTransmittedAtmCells

9.6 GSM Circuit Switched Data Report

This report shows the GSM Circuit Switched Data digital pool statistics for npn transparent connection types.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW_Resource_Pool
Primary Object	MGW_Resource_Pool
Non-Trans. FTM GSM connections	MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmFtmSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmFtmFail Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmFtmSucc Gsm
Originating MANT GSM connections	MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmModemOSuccGsm,

	MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem OFailGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem OSuccGsm
Data report for GSM CSD graphs	MGW_Resource_Pool.MGW_Resource_Pool_Id, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmUdiSucc Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmUdiFail Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmUdiSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem TSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem TFailGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmModemTSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem OSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem OFailGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmModemOSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmFtmSucc Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmFtmFail Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmFtmSuccGsm
Asynch. NT UDI GSM connections	MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmUdiSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmUdiFail Gsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmUdiSucc Gsm
Terminating MANT GSM connections	MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool._ %_pmModemTSuccGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem TFailGsm, MGW_Resource_Pool.Ericsson.GSM_CSD_Digital_Pool.pmModem TSuccGsm

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9.7 Interactive Messaging Report

This report shows the call attempts statistics for the Interactive Messaging.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.Interactive_Messaging
Primary Object	Interactive_Messaging
Interactive message invocations	Interactive_Messaging.Ericsson.Interactive_Message.pmCallAttempts, Interactive_Messaging.Ericsson.Interactive_Message.pmFailedCallAttempts, Interactive_Messaging.Ericsson.Interactive_Message._%_pmCallAttempts
Data report for Interactive Messaging	Interactive_Messaging.Interactive_Messaging_Id, Interactive_Messaging.Ericsson.Interactive_Message._%_pmCallAttempts, Interactive_Messaging.Ericsson.Interactive_Message.pmFailedCallAttempts, Interactive_Messaging.Ericsson.Interactive_Message.pmCallAttempts

9.8 Inverse Multiplexing Over ATM link Report

This report shows the link failure statistics for the Inverse Multiplexing over ATM link; specifically local and far end failures.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.IMA
Primary Object	IMA
Local end IMA link failures	IMA.Ericsson.IMA_Link.pmTxFc, IMA.Ericsson.IMA_Link.pmRxFc
Far end IMA link failures	IMA.Ericsson.IMA_Link.pmTxFcFe, IMA.Ericsson.IMA_Link.pmRxFcFe
Data report for IMA link failures	IMA.IMA_Id, IMA.Ericsson.IMA_Link.pmRxFcFe, IMA.Ericsson.IMA_Link.pmTxFcFe, IMA.Ericsson.IMA_Link.pmRxFc, IMA.Ericsson.IMA_Link.pmTxFc

9.9 IP Connection Quality Report

This report shows two components of IP connection quality. IP user plane quality: The IP transport QOS based on packet loss measurement. IP signalling quality: The signalling over IP QOS based on the incoming and outgoing IP signalling success rate measurement.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
IP User Plane Quality	MGW.MGW_Id, MGW.Ericsson.Connection_Quality.R_pmRtpDiscardedPkts, MGW.Ericsson.Connection_Quality.R_pmRtpLostPkts, MGW.Ericsson.Connection_Quality.UR_pmRtpDiscardedPkts, MGW.Ericsson.Connection_Quality.UR_pmRtpLostPkts, MGW.Ericsson.Connection_Quality._%_IP_User_Plane_Quality
IP Signalling Quality	MGW.MGW_Id, MGW.Ericsson.Connection_Quality.pmIpInReceives, MGW.Ericsson.Connection_Quality.pmIpOutRequests, MGW.Ericsson.Connection_Quality._%_IP_Signalling_Quality

9.10 IP Traffic Bandwidth Report

This report shows the total bandwidth of the IP traffic. The bandwidth for IP signalling and IP payload are calculated separately. Two separate measurements are included for PPP protocol and MPLS/PPP protocol, respectively.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Total Bandwidth for Received IP Payload and Signalling	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.Tot_BW_Rcvd_IPload_PPP, MGW.Ericsson.Signalling_Traffic.Tot_BW_Rcvd_IPload_MPLS, MGW.Ericsson.Signalling_Traffic.Tot_BW_Rcvd_Signalling, MGW.Ericsson.Signalling_Traffic.Tot_BW_Rcvd_IPload_Sig_PPP, MGW.Ericsson.Signalling_Traffic.Tot_BW_Rcvd_IPload_Sig_MPLS
Total Bandwidth for Sent IP Payload and Signalling	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.Tot_BW_Sent_IPload_PPP, MGW.Ericsson.Signalling_Traffic.Tot_BW_Sent_IPload_MPLS, MGW.Ericsson.Signalling_Traffic.Tot_BW_Sent_Signalling, MGW.Ericsson.Signalling_Traffic.Tot_BW_Sent_IPload_Sig_PPP, MGW.Ericsson.Signalling_Traffic.Tot_BW_Sent_IPload_Sig_MPLS

9.11 IUA Signalling Bandwidth Report

This report shows the total bandwidth of IUA signalling.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
IUA Signalling Total Bandwidth	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.pmSentQptmMessages, MGW.Ericsson.Signalling_Traffic.Tot_BW_IUA_Signalling

9.12 Jitter Measurement Report

This report shows the ratio for each ATM, IP, IU, VOIP connections that have had no disturbances due to jitter.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Jitter Measurement	MGW.MGW_Id, MGW_Resource_Pool.Ericsson.Jitter_Measurement._ %_ATM_Conn_No_Disturbance, MGW_Resource_Pool.Ericsson.Jitter_Measurement._ %_IP_Conn_No_Disturbance, MGW_Resource_Pool.Ericsson.Jitter_Measurement._ %_Iu_Conn_No_Disturbance, MGW_Resource_Pool.Ericsson.Jitter_Measurement._ %_VoIP_Conn_No_Disturbance

9.13 MGW Accessibility and Retainability Report

Accessibility: The MGW Accessibility report is used to calculate the average accessibility including all termination requests processed by the Virtual Media Gateways (VMGws).Retainability: The Connection Retainability measurement shows the MGW ability to retain the connection.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Graph for Accessibility & Retainability	MGW.Ericsson.Accessibility_Retainability._%_MGW_Accessibility, MGW.Ericsson.Accessibility_Retainability._%_MGW_Retainability

Table for Accessibility & Retainability	MGW.Ericsson.Accessibility_Retainability.pmNrOfAal2TermsReq, MGW.Ericsson.Accessibility_Retainability.pmNrOfAal2TermsRej, MGW.Ericsson.Accessibility_Retainability.pmNrOfIpTermsReq, MGW.Ericsson.Accessibility_Retainability.pmNrOfIpTermsRej, MGW.Ericsson.Accessibility_Retainability.pmNrOfTDMTermsReq, MGW.Ericsson.Accessibility_Retainability.pmNrOfTDMTermsRej, MGW.Ericsson.Accessibility_Retainability._%_MGW_Accessibility, MGW.Ericsson.Accessibility_Retainability._%_MGW_Retainability

9.14 MGW Report

This report shows the channel statistics for the Media Gateway; specifically busy and rejected channels.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Busy media stream channels	MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsBusy
Rejected channels	MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsRejectedDueToCapacity
Data table for the MGW statistics report	MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsRejectedDueToCapacity, MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsBusy

9.15 MGW Signalling Traffic Report

This report shows the total signalling traffic (MSU/s) in an M-MGw node by calculating the STP&SGw, SEP and SRP Signalling Traffic (MSU/s) measurements.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Total M-MGw MSU/s	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.STP_SGW_MSUs,

	MGW.Ericsson.Signalling_Traffic.SEP_MSUs, MGW.Ericsson.Signalling_Traffic.Tot_MGW_MSUs
MTP3b and M3UA level MSU/s	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.pmNoOfDataMsgRec, MGW.Ericsson.Signalling_Traffic.pmNoOfDataMsgSent, MGW.Ericsson.Signalling_Traffic.pmNoOfMSURec, MGW.Ericsson.Signalling_Traffic.pmNoOfMSUSent, MGW.Ericsson.Signalling_Traffic.MTP3B_M3UA_MSUs
STP&SGw MSU/s	MGW.MGW_Id, MGW.Ericsson.Signalling_Traffic.MTP3B_M3UA_MSUs, MGW.Ericsson.Signalling_Traffic.SEP_MSUs, MGW.Ericsson.Signalling_Traffic.SRP_MSUs, MGW.Ericsson.Signalling_Traffic.STP_SGW_MSUs

9.16 MGW Traffic Load

This report provides the estimate of the traffic level in the MGW in Erlang. This estimation was done due to service MGW is packet connection based instead of call based. The same time in this report, the Media Stream Channel Utilisation rate of the MGW is shown as well.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW
Primary Object	MGW
Graph for MGW Traffic Load	MGW.Ericsson.Service_and_software_licensing.Current_MGW_Traffic_Load, MGW.Ericsson.Service_and_software_licensing._%_Media_Stream_Channel_Utilization
Table for MGW Traffic Load	MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsBusy, MGW.Ericsson.Service_and_software_licensing.pmNrOfMediaStreamChannelsReq, MGW.Ericsson.Service_and_software_licensing._%_Media_Stream_Channel_Utilization, MGW.Ericsson.Service_and_software_licensing.Current_MGW_Traffic_Load, MGW.Ericsson.Service_and_software_licensing.maxNrOfLicMediaStreamChannels

9.17 MS Device Pool Utilisation

The Media Stream Resource Reservation Rate measurement is used to calculate the current connection reservation rate of devices in this device pool and to show the traffic profile at the end of the measurement period. This is reported per device and per MGW.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MS_Device_Pool
Primary Object	MS_Device_Pool
Graph for Device Pool Utilisation	MS_Device_Pool.Ericsson.Pool_Status._%_Device_Utilization
Table for Device Pool Utilisation	MS_Device_Pool.MGW_Id, MS_Device_Pool.MS_Device_Pool_Id, MS_Device_Pool.Ericsson.Pool_Status._%_Device_Utilization

9.18 Plug In Unit Processor Load

This report provides the processor load trends throughout the reporting period. This is crucial for monitoring at the load of the processor board especially that handles call signalling to allow continuation of service by the MGW

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.Plug_In_Unit
Primary Object	Plug_In_Unit
Graph for Plug In Unit Process Load	Plug_In_Unit.Ericsson.CPU_Load.pmProcessorLoad

9.19 RemoteSite RTP Packet Quality Report

This report shows the quality of RTP packet in terms of RTP packet discard rate and packet loss rate measurements for RemoteSite.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.RemoteSite
Primary Object	RemoteSite
RTP Packet Discard Rate	RemoteSite.RemoteSite_Id, RemoteSite.Ericsson.Connection_Quality._%_RTP_Discard2
RTP Packet Loss Rate	RemoteSite.RemoteSite_Id, RemoteSite.Ericsson.Connection_Quality._%_RTP_Loss2

9.20 Service Resource Reservation Report

This report shows the service resource reservation success rate.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW_Resource_Pool
Primary Object	MGW_Resource_Pool
Service Resource Reservation Success Rate	MGW_Resource_Pool.MGW_Resource_Pool_Id, MGW_Resource_Pool.Ericsson.Device_Pool._ %_Service_Reserve_Succ

9.21 Signalling Point Traffic Report

This report shows the traffic statistics for the MTP3b link.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.Signalling_Point
Primary Object	Signalling_Point
Signalling link transmitted and received MSUs	Signalling_Point.Ericsson.Utilisation.pmNoOfMSUSent, Signalling_Point.Ericsson.Utilisation.pmNoOfMSURec
Data report for signalling link MSUs	Signalling_Point.SS7_Point_Id, Signalling_Point.Node_Id, Signalling_Point.Ericsson.Utilisation.pmNoOfMSUSent, Signalling_Point.Ericsson.Utilisation.pmNoOfMSURec

9.22 Tandem Free Operation Success Report

This report shows the Tandem Free Operation success rate measurements for AMR-NB (Adaptive Multi Rate, NarrowBand), AMR-WB (Adaptive Multi Rate, WideBand) and EFR Codec types.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW_Resource_Pool
Primary Object	MGW_Resource_Pool
TFO Success Rate for AMR-NB	MGW_Resource_Pool.MGW_Resource_Pool_Id, MGW_Resource_Pool.Ericsson.Tandem_Free_Op._ %_TFO_AMRNB_Success
TFO Success Rate for AMR-WB	MGW_Resource_Pool.MGW_Resource_Pool_Id, MGW_Resource_Pool.Ericsson.Tandem_Free_Op._ %_TFO_AMRWB_Success
TFO Success Rate for EFR	MGW_Resource_Pool.MGW_Resource_Pool_Id,

	MGW_Resource_Pool.Ericsson.Tandem_Free_Op._ %_TFO_EFR_Success

9.23 TDM Term Grp Report

This report shows the seizure success rate statistics for the Time Division Multiplex Termination groups.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.TdmTermGrp
Primary Object	TdmTermGrp
TDM group seizure success rate	TdmTermGrp.Ericsson.Utilisation._%_pmNrOfTdmTermsReq, TdmTermGrp.Ericsson.Utilisation.pmNrOfTdmTermsReq, TdmTermGrp.Ericsson.Utilisation.pmNrOfTdmTermsRej
Data table for seizure success rate	TdmTermGrp.Tdmtg_Id, TdmTermGrp.Ericsson.Utilisation._ %_pmNrOfTdmTermsReq, TdmTermGrp.Ericsson.Utilisation.pmNrOfTdmTermsReq, TdmTermGrp.Ericsson.Utilisation.pmNrOfTdmTermsRej

9.24 TDM Term Grp Utilization Report

This report shows the TDM Termination Group utilization rate measurement. Two measurements are included specifically for number of TDM slots = 24 and TDM slots = 31, respectively.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.TdmTermGrp
Primary Object	TdmTermGrp
TDM Term Grp Utilization Rate	TdmTermGrp.Tdmtg_Id, TdmTermGrp.Ericsson.Utilisation.pmNrOfTdmTermsBusy, TdmTermGrp.Ericsson.Utilisation._%_TdmGrp_Util_Timeslot_24, TdmTermGrp.Ericsson.Utilisation._%_TdmGrp_Util_Timeslot_31

9.25 Unknown RemoteSite RTP Packet Quality Report

This report shows the quality of RTP packet in terms of RTP packet discard rate and packet loss rate measurements for Unknown RemoteSite.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.Unknown_RemoteSite
Primary Object	Unknown_RemoteSite
RTP Packet Discard Rate	Unknown_RemoteSite.Unknown_RemoteSite_Id, Unknown_RemoteSite.Ericsson.Connection_Quality._ %_RTP_Discard2
RTP Packet Loss Rate	Unknown_RemoteSite.Unknown_RemoteSite_Id, Unknown_RemoteSite.Ericsson.Connection_Quality._%_RTP_Loss2

9.26 Virtual Media Gateway Report

This report shows the Virtual MGW statistics specifically for, system availability time, Gateway Control Protocol messages, AAL2 terminations and IP requests.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.VMGW
Primary Object	VMGW
GCP messages	VMGW.Ericsson.Utilisation._%_pmGcpNrOfReceivedMessages, VMGW.Ericsson.Utilisation.pmGcpNrOfReceivedMessages, VMGW.Ericsson.Utilisation.pmGcpNrOfSentMessages
Available system time	VMGW.Ericsson.Utilisation._%_pmGcpSystemUpTime, VMGW.Ericsson.Utilisation.pmGcpSystemUpTime
Data table for VMG report	VMGW.VMGW_Id, VMGW.Ericsson.Utilisation.pmNrOfIpTermsReq, VMGW.Ericsson.Utilisation.pmNrOfIpTermsRej, VMGW.Ericsson.Utilisation._%_pmNrOfIpTermsReq, VMGW.Ericsson.Utilisation.pmNrOfAal2TermsReq, VMGW.Ericsson.Utilisation.pmNrOfAal2TermsRej, VMGW.Ericsson.Utilisation._%_pmNrOfAal2TermsReq, VMGW.Ericsson.Utilisation.pmNrOfContextsReq, VMGW.Ericsson.Utilisation.pmNrOfContextsRej, VMGW.Ericsson.Utilisation._%_pmNrOfContextsReq, VMGW.Ericsson.Utilisation.pmGcpSystemUpTime, VMGW.Ericsson.Utilisation._%_pmGcpSystemUpTime, VMGW.Ericsson.Utilisation.pmGcpNrOfSentMessages, VMGW.Ericsson.Utilisation.pmGcpNrOfReceivedMessages, VMGW.Ericsson.Utilisation._%_pmGcpNrOfReceivedMessages
IP terminations	VMGW.Ericsson.Utilisation._%_pmNrOfIpTermsReq, VMGW.Ericsson.Utilisation.pmNrOfIpTermsRej,

	VMGW.Ericsson.Utilisation.pmNrOfIpTermsReq
AAL2 terminations	VMGW.Ericsson.Utilisation._%_pmNrOfAal2TermsReq, VMGW.Ericsson.Utilisation.pmNrOfAal2TermsRej, VMGW.Ericsson.Utilisation.pmNrOfAal2TermsReq
Context seizures	VMGW.Ericsson.Utilisation._%_pmNrOfContextsReq, VMGW.Ericsson.Utilisation.pmNrOfContextsRej, VMGW.Ericsson.Utilisation.pmNrOfContextsReq

9.27 WCDMA Circuit Switched Data Report

This report shows the WCDMA Circuit Switched Data digital pool statistics for non transparent connection types.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.MGW.Ericsson.MGW_Resource_Pool
Primary Object	MGW_Resource_Pool
Non-Trans. FTM connections	MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmFtmSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmFtmFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmFtmSucc
Originating MANT WCDMA connections	MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmModemOSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemOFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemOSucc
Data report for GSM CSD graphs	MGW_Resource_Pool.MGW_Resource_Pool_Id, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmUdiSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmUdiFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmUdiSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemTSucc,

	MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemTFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmModemTSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemOSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemOFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmModemOSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmFtmSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmFtmFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmFtmSucc
Asynchronous NT UDI WCDMA connections	MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmUdiSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmUdiFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmUdiSucc
Terminating MANT WCDMA connections	MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool._%_pmModemTSucc, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemTFail, MGW_Resource_Pool.Ericsson.WCDMA_CSD_Digital_Pool.pmModemTSucc

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