



APPENDIX A

Object Map Reference

In the Mobile Wireless Transport Manager (MWTM) navigation tree, if you click on an object within a view, the associated tabs appear in the content area in the right pane. This appendix provides an overview of the tabs available for each MWTM object within a view, and contains:

Object Type	Related Content	Applicable To
Nodes	<ul style="list-style-type: none">• ITP Node Tabs, page A-2• MWR Node Tabs, page A-2• ONS Node Tabs, page A-3• RAN Service Module Node Tabs, page A-3	ITP and RAN-O networks
Signaling Points	Signaling Point Tabs, page A-4	ITP networks only
Linksets	Linkset Tabs, page A-5	
Links	Link Tabs, page A-5	
Application Servers	Application Server Tabs, page A-6	
Application Server Processes	Application Server Process Tabs, page A-6	
Application Server Process Associations	Application Server Process Association Tabs, page A-7	ITP and RAN-O networks
Signaling Gateway-Mated Pairs	Signaling Gateway-Mated Pair Tabs, page A-7	
Interfaces	Interface Tabs, page A-8	
RAN Shorthauls	UMTS and GSM Interface Tabs, page A-8	
Cards	Card Tabs, page A-9	RAN-O networks only
RAN Backhauls	RAN Backhaul Tabs, page A-9	
Folders	Physical and Management Interface Folder Tabs, page A-10	ITP and RAN-O networks

ITP Node Tabs

Clicking on an IP Transfer Point (ITP) node within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Syslog	Viewing the Syslog, page 8-52
CPU Utilization	Viewing CPU Utilization, page 8-53
Trap Settings	Viewing Trap Settings, page 8-55
MTP3 Errors	Viewing ITP MTP3 Errors, page 8-58
MSU Rates	Viewing ITP MSU Rates, page 8-59
Non-Stop Operation	Viewing ITP Non-Stop Operation, page 8-60

**Note**

To view all nodes in your system, see [Nodes Table, page 6-4](#).

MWR Node Tabs

Clicking on a Mobile Wireless Router (MWR) node within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Syslog	Viewing the Syslog, page 8-52
CPU Utilization	Viewing CPU Utilization, page 8-53
Trap Settings	Viewing Trap Settings, page 8-55

**Note**

To view all nodes in your system, see [Nodes Table, page 6-4](#).

ONS Node Tabs

Clicking on an Optical Networking System (ONS) node within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all nodes in your system, see [Nodes Table, page 6-4](#).

RAN Service Module Node Tabs

Clicking on a Radio Access Network (RAN) Service Module node within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Syslog	Viewing the Syslog, page 8-52
CPU Utilization	Viewing CPU Utilization, page 8-53
Trap Settings	Viewing Trap Settings, page 8-55

**Note**

To view all nodes in your system, see [Nodes Table, page 6-4](#).

Signaling Point Tabs

Clicking on a signaling point within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
ITP Access Lists	Viewing Route Detail, page 8-103
Route Detail	Viewing Route Detail, page 8-103
GTT MAP Status	Viewing GTT MAP Status, page 8-105
GTT Statistics	Viewing GTT Statistics, page 8-107
MTP3 Event Log	Viewing the MTP3 Event Log, page 8-110
MLR Details	Viewing MLR Details, page 8-112



Note

To view all signaling points in your system, see [Signaling Points Table, page 6-6](#).

Linkset Tabs

Clicking on a linkset within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Linkset Access Lists	Creating Virtual RAN Backhauls, page 8-136

**Note**

To view all linksets in your system, see [Linksets Table, page 6-8](#).

Link Tabs

Clicking on a link within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all links in your system, see [Links Table, page 6-11](#).

Application Server Tabs

Clicking on an application server within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all application servers in your system, see [Application Servers Table, page 6-13](#).

Application Server Process Tabs

Clicking on an application server process within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all application server processes in your system, see [Application Server Processes Table, page 6-15](#).

Application Server Process Association Tabs

Clicking on an application server process association within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all application server process associations in your system, see [Application Server Process Associations Table, page 6-17](#).

Signaling Gateway-Mated Pair Tabs

Clicking on a signaling gateway-mated pair within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all signaling gateway-mated pairs in your system, see [Signaling Gateway Mated Pairs Table, page 6-19](#).

Interface Tabs

Clicking on an interface within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44

**Note**

To view all interfaces in your system, see [Interfaces Table, page 6-21](#).

UMTS and GSM Interface Tabs

Clicking on a RAN shorthaul (either UMTS or GSM) within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Performance	Viewing Shorthaul Performance Data, page 8-124
Errors	Viewing Shorthaul Errors, page 8-130

**Note**

To view all interfaces in your system, see [Interfaces Table, page 6-21](#).

Card Tabs

Clicking on a card within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Recent Events	Viewing Recent Events, page 8-44



Note

To view all cards in your system, see [Cards Table, page 6-23](#).

RAN Backhaul Tabs

Clicking on a RAN backhaul within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Troubleshooting	Viewing Troubleshooting, page 8-42
Recent Events	Viewing Recent Events, page 8-44
Performance	Viewing Backhaul Performance Data, page 8-126 (Real-time data on the MWTM client) Displaying Backhaul Performance Statistics, page 11-32 (Historical data on the MWTM web interface)
Errors	Viewing Backhaul Errors, page 8-135 (Real-time data on the MWTM client) Displaying Backhaul Error Statistics, page 11-37 (Historical data on the MWTM web interface)
RAN Shorthauls	Viewing RAN Shorthauls, page 8-136



Note

To view all RAN backhauls in your system, see [RAN Backhauls Table, page 6-25](#).

Physical and Management Interface Folder Tabs

The Physical folder that contains a list of the physical interfaces and cards that belong to the node. The Management Interface folder contains a list of interfaces that the MWTM uses to manage the node.

Clicking on a Physical or Management Interface folder within a MWTM view provides you with these tabs:

Tab	Related Content
Status Contributors	Viewing Status Contributors, page 8-8
Details	Viewing Details, page 8-12
Notes	Viewing Notes, page 6-35
Recent Events	Viewing Recent Events, page 8-44