Contents

1-	- ISAM CLI	1
	1.1 History 1.2 Preface 1.3 CLI Commands 1.4 Nodes 1.5 Parameters 1.6 Filters 1.7 Printers 1.8 Getting help 1.9 The CLI Prompt 1.10 Entering CLI Commands 1.11 CLI Backward Compatibility 1.12 Phase Out Strategy Obsolete Commands and/or Parameters 1.13 Command Phase Out Announcement Release	. 143 . 144 . 146 . 147 . 150 . 151 . 153 . 154 . 155
2-	- Environment Configuration Commands	159
	2.1 Environment Configuration Command Tree	
3-	- Alarm Configuration Commands	163
	3.1 Alarm Configuration Command Tree 3.2 Alarm Log Configuration Command 3.3 Alarm Entry Configuration Command 3.4 Alarm Filter Configuration Command 3.5 Alarm Suppression Filter Configuration Command 3.6 Alarm Delta Log Configuration Command 3.7 Customizable Alarm Profile Configuration Command 3.8 HGU TR069 Customizable Alarm Configuration Command	. 166 . 168 . 223 . 278 . 280 . 282
4-	- Trap Configuration Commands	288
	4.1 Trap Configuration Command Tree	. 292 . 295
5-	- Equipment Configuration Commands	305
	5.1 Equipment Configuration Command Tree 5.2 Rack Configuration Command 5.3 Shelf Configuration Command 5.4 Slot Configuration Command 5.5 Applique Configuration Command 5.6 Protection Group Configuration Command 5.7 Protection Element Configuration Command 5.8 External-link-host Configuration Commands 5.9 Host Shelf SFP Configuration Commands 5.10 SFP/XFP Diagnostics configuration Command 5.11 Sfp RSSI Configuration Command 5.12 2xE1/DS1 CLOCK configuration Command 5.13 2xE1/DS1 Pseudo Wire TDM Interface configuration Command 5.14 2xE1/DS1 Pseudo Wire TDM SFP configuration Command	. 309 . 310 . 315 . 317 . 318 . 320 . 322 . 324 . 327 . 332

Issue: 01 3HH-08079-FCEH-TCZZA

	5.15 2xE1/DS1 Framer configuration Command	339
	5.16 2xE1/DS1 Line Interface Unit SFP configuration Command	
	5.17 NE Configuration Command	
	5.18 Environment Monitoring Configuration Command	347
	5.19 Configure Fan Tray parameters	348
	5.20 Configure Board Auto Replan feature	349
6-	- Gpon ONT Configuration Commands	350
•	6.1 Gpon ONT Configuration Command Tree	
	6.2 ONT Interface Configuration Command	25/
	6.3 NGPON2 Rogue Onu Prevention Configuration Commands	
	6.4 GPON GEM port performance monitoring Configuration Commands	
	6.5 ONT-SIDE TC-layer Performance Monitoring Counter Thresholds Configuration Comman	300
	ONT	
	6.6 Multicast TC-layer Performance Monitoring Command for ONT	360
	6.7 Fec TC-layer Performance Monitoring Command for ONT	
	6.8 GPON port Aggregate Ethernet performance monitoring Configuration Commands	
	6.9 XGPON tc-layer port performance monitoring Configuration Commands	
	6.10 XGPON physical-layer port performance monitoring Configuration Commands	
	6.11 GPON ONT software delay activation control Configuration Commands	
	6.12 GPON ONT CPU Load Performance Monitoring Configuration Command	
	6.13 GPON ONT Memory Usage Performance Monitoring Configuration Command	
	6.14 ONT Card Configuration Command	
	6.15 ONT Software Control Configuration Command	
	6.16 GPON ONT software delay activation control Configuration Commands	
	6.17 ONT Interface Configuration Command	
	6.18 ONT GIS Configuration Command	
	6.19 ONT xgpon Configuration Command	395
7-	- Epon ONT Configuration Commands	397
	7.1 Epon ONT Configuration Command Tree	398
	7.2 EONT Interface Configuration Command	
	7.3 Epon Ont RSSI Configuration Command	405
	7.4 Epon Ont Management Configuration Command	409
	7.5 Epon Ont Ethernet Configuration Command	
	7.6 Epon Ont Ethernet Auto-Negotiation Configuration Command	415
	7.7 Epon Ont LLID Configuration Command	419
	7.8 Epon Ont RMS Configuration Command	
	7.9 EONT Software Control Configuration Command	
Ω.	- Port Protection Configuration Commands	425
J		
	8.1 Port Protection Configuration Command Tree	426
	8.2 Port Protection Configuration Command	421
_		
9.	- xDSL Configuration Commands	429
	9.1 xDSL Configuration Command Tree	431
	9.2 xDSL Common Service Profile Configuration Command	440
	9.3 xDSL Common Spectrum Profile Configuration Command	444
	9.4 xDSL Artificial Noise Downstream Configuration Command	
	9.5 xDSL Spectrum Profile for ADSL/ADSL2 Configuration Command	
	9.6 xDSL Spectrum Profile for RE-ADSL2 Configuration Command	
	9.7 xDSL Spectrum Profile for ADSL2 Plus Configuration Command	
	9.8 ADSL2-plus Custom PSD shape Configuration Command	
	9.9 xDSL Spectrum Profile for VDSL Configuration Command	
	9.10 VDSL Ghs Tones Transmission Power Control Configuration Command	
	9.11 VDSL Custom PSD shape Downstream Configuration Command	

ii 3HH-08079-FCEH-TCZZA Issue: 01

13- Interface Management Configuration Commands	605
12.1 ATM Configuration Command Tree	. 601
12- ATM Configuration Commands 12.1 ATM Configuration Command Tree	599
11.1 xDSL System Configuration Command Tree	. 597 . 598
11- xDSL System Configuration Commands	596
10.7 VDSL2 Custom PSD shape Upstream Configuration Command	. 569 . 571 . 573 . 575 . 580 . 583 . 585 . 587 . 589 . 591
10.3 Gpon xDSL Common Spectrum Profile Configuration Command	. 559 . 562 . 564
10- Gpon xDSL Configuration Commands 10.1 Gpon xDSL Configuration Command Tree	. 553
· ·	552
9.38 xDSL INS Near End Configuration Command	
9.37 xDSL Overrule Noise Psd Shape Upstream Configuration Command	. 546
9.35 xDSL Per Line Overrule Configuration Command	
9.33 xDSL Line Configuration Command	. 534
9.32 xDSL Vectoring Processing Board Configuration Command	. 526
9.30 xDSL Board Vectoring Fallback Configuration Command	. 521
9.28 xDSL Legacy UPBO Profile Configuration Command	
9.26 xDSL Sos Profile Configuration Command	. 512
9.25 xDSL Vectoring Profile Configuration Command	. 506
9.23 xDSL DPBO Exchange PSD Mask Configuration Command	. 499
9.21 xDSL DPBO Profile Configuration Command	. 497
9.20 VDSL2 Power Back Off Configuration Command	. 493
9.18 VDSL2 Virtual Noise Downstream Configuration Command	. 489 . 491
9.17 VDSL2 Custom RX PSD shape Upstream Configuration Command	. 487
9.15 VDSL2 Custom PSD shape Downstream Configuration Command	
9.14 xDSL Spectrum Profile for VDSL2 Configuration Command	. 477
9.13 VDSL Power Back Off Configuration Command	. 476

Issue: 01 3HH-08079-FCEH-TCZZA iii

13.1 Interface Management Configuration Command Tr	ree
13.2 Network Interface Configuration Command	
13.3 Extend Interface Configuration Command	
13.4 Interface Alarm Configuration Command	
13.5 Interface Sliding-Window Traffic Statistics Commar	nd
13.6 Cage mode configuration Command	
and one of the second of the s	
14- Error Configuration Commands	619
14.1 Error Configuration Command Tree	
14.1 Error Configuration Command Tree	
14.2 Error Log Configuration Command	
15- System Configuration Commands	622
<u> </u>	
15.1 System Configuration Command Tree	
15.2 System Configuration Command	
15.3 Configure system LEDs	
15.4 System SNTP Configuration Command	
15.5 System SNTP Server Table Configuration Comma	.na
15.6 System SNTP Server Table Configuration Comma 15.7 System daylight saving time Configuration Comma	.nd
15.7 System daylight saving time Configuration Comma	and
15.8 System daylight saving time Configuration Comma	
15.9 System daylight saving time Configuration Comma	
15.10 System Loop ID Syntax Configuration Command	
15.11 Maximum Lt Link Speed Configuration Command	1
15.12 System ONT Configuration Command	
15.13 Epon System PM Configuration Command	
15.14 System Synchronous Interface Timing Clock Con	figuration Command 662
15.15 System Clock Bits Mode Configuration Command	d
15.16 System Clock Source Priority Configuration Comr	
15.17 System Clock ToD Sources Priority Configuration	
15.18 NTR PTP Configuration Command	
15.19 NTR Clock Transmission Protocol Configuration (Command
15.20 System Synchronous InterfaceTiming Clock Switch	
15.21 NTR Acceptable Clock Master Configuration Com	nmand
15.22 PTP Slave Port DataSet Configuration Command	1
15.23 PTP Default Dataset Configuration Command	
15.24 PTP Master Port DataSet Profile Configuration Co	
15.25 PTP master port Configuration Commands	
15.26 System Clock Synchronous Source port Configura	
15.27 PTP L2 port Configuration Commands	
15.28 Clock ToD Parameters Configuration Command	
15.29 1PPS ToD Interface Parameters Configuration Co	
15.30 1PPS ToD Serial Parameters Configuration Com	mand
15.31 ToD Holdover Specification Configuration Comma	and
15.32 System Clock Synchronous Status Message Con	
15.33 System Clock Synchronous Source port Configura	ration Command 690
15.34 System Clock Force Reference Configuration Co.	
15.35 SSMOut Configuration Command for synce ports	
15.36 SSMOut Configuration Command for XDSL ports	70/
15.37 T4 D-PLL Configuration Command	700
15.38 SyncE Configuration Command for FELT-B ports	
15.39 ALS State Configuration Command	
15.41 ZTP (Zero Touch Provision) State Configuration (Command
15.42 System Relay ID Syntax Configuration Command	1
15.43 FIPS Configuration Command	
15.44 NT SFTP Server Configuration Command	
15.45 NT SFTP Server Credentials Configuration Comn	mand

iv 3HH-08079-FCEH-TCZZA Issue: 01

6- Security Configuration Commands	718
16.1 Security Configuration Command Tree	720
16.2 Security Banner Configuration Commmand	
16.3 Operator Configuration Command	
16.4 Profile Configuration Command	
16.5 Default Profile Configuration Command	738
16.6 SNMP View Configuration Command	
16.7 Security SNMP Community Configuration Command	
16.8 Security SNMPv3 Group Configuration Command	/50
16.9 Security SNMPv3 User Configuration Command	
16.10 Security SNMPv3 User-Group Configuration Command	
16.11 SNMP Notify View Configuration Command	760
16.13 Security SNMP Notification Profile Filter Configuration Command	
16.14 Security SNMP Element Manager Configuration Command	
16.15 Security RADIUS Client Configuration Command	
16.16 Security RADIUS Authentication Server Configuration Command	
16.17 Security RADIUS Accounting Server Configuration Command	
16.18 Security RADIUS Dynamic Authorization Client Configuration Command	771
16.19 Security RADIUS Policy Configuration Command	
16.20 Security RADIUS Server Configuration Command	
16.21 Security TACACS+ Client Configuration Command	
16.22 Security TACACS+ Authentication Server Configuration Command	778
16.23 Security TACACS+ Authorization Server Configuration Command	780
16.24 Security TACACS+ Accounting Server Configuration Command	782
16.25 Security TACACS+ Policy Configuration Command	
16.26 Security Tacacs+ Server Configuration Command	
16.27 Security Domain Configuration Command	
16.28 Security Connection Profile Configuration Command	789
16.29 Security Connection Policy Configuration Command	
16.30 Security 802.1x PAE System Configuration Command	
16.31 Security 802.1x Port Authentication Configuration Command	705
16.33 Security 802.1x Port Configuration Command	798
16.34 Security Password Policy Configuration Command	
16.35 File Transfer Configure Command	802
16.36 file Transfer server Configure Commands	
16.37 file Transfer server Configure Commands	
16.38 PM File Upload Configure Command	
16.39 5-min CDR File Upload Configure Command	810
16.40 Lawful Intercept Split Management Configuration Command	
16.41 MAC Filter Configuration Command	
16.42 NT slot Security Configuration Commmand	815
7- Secure Shell Configuration Commands	816
17.1 Secure Shell Configuration Command Tree	817
17.2 SSH Server Configuration Command	
17.3 Secure Shell User Configuration Command	820
17.4 Secure Shell Access Configuration Command	821
17.5 Secure Shell SFTP User Configuration Command	824
8- Transaction Configuration Commands	826
18.1 Transaction Configuration Command Tree	
18.2 Transaction Configuration Command	
9- SYSLOG Configuration Commands	829

Issue: 01 3HH-08079-FCEH-TCZZA v

	19.1 SYSLOG Configuration Command Tree	
	19.2 Syslog Configuration Commands	
	19.3 SYSLOG Destination Configuration command	
	19.4 SYSLOG Route Configuration Command	. 835
2	0- Software Management Configuration Commands	838
	20.1 Software Management Configuration Command Tree	839
	20.2 Software Replacement Mode Configuration Command	840
	20.3 Software Management Overall Software Package Configuration Command	
	20.4 Database Automatic Activation Configure Command	
2	1- QoS Configuration Commands	847
	21.1 QoS Configuration Command Tree	
	21.2 QoS Configuration Command	
	21.3 QoS 802.1P Class-to-Queue Mapping Configuration Command	
	21.4 QoS Dsl Control Pkt Policer Configuration Command	860
	21.5 QoS Nni Control Pkt Policer Configuration Command	862
	21.6 QoS DSCP-to-Dot1P Alignment for L3 Forwarded Traffic Configuration Command	
	21.7 QoS Queue Profile Configuration Command	
	21.8 QoS Scheduler Node Profile Configuration Command	
	21.9 QoS CAC Profile Configuration Command	
	21.10 QoS Single Dot1P Marker Configuration Command	. 871
	21.11 QoS Single DSCP Marker Configuration Command	. 872
	21.12 QoS DSCP Contract Table Marker Configuration Command	
	21.13 QoS DSCP Contract Table Code-point Configuration Command For DSCP-contract	
	21.14 QoS Dot1P and DSCP Contract Table Marker Configuration Command	. 875
	21.15 DSCP Contract Table Codepoint Configuration Command For D1p-dscp-contract	
	21.16 QoS Dot1P and Single DSCP Marker Configuration Command	. 877
	21.17 QoS Dot1P Alignment Marker Configuration Command	
	21.18 QoS Dot1P Remark Table Marker Configuration Command	. 880
	21.19 QoS Dot1P Remark Table Dot1p-value Configuration Command For Dot1P-Remark	. 881
	21.20 QoS Policer Profile Configuration Command	
	21.21 QoS L2 Filter Profile Configuration Command	
	21.22 QoS L3 Filter Profile Configuration Command	
	21.23 QoS Policy Action Profile Configuration Command	
	21.24 QoS Policy Profile Configuration Command	
	21.25 QoS Session Profile Configuration Command	
	21.26 QoS Session Upstream Policy List Configuration Command	. 899
	21.27 QoS Session Downstream Policy List Configuration Command	
	21.28 QoS Session remote Upstream Policy List Configuration Command	
	21.30 QoS AggrQueuesConfig Profile Configuration Command	
	21.31 QoS Shaper Profile Configuration Command	
	21.32 QoS Bandwidth Profile Configuration Command	
	21.33 QoS IngressQoS Profile Configuration Command	
	21.34 QoS Rate Limit Profile Configuration Command	920
	21.35 QoS DSCP to Pbit Mapping Profile Configuration Command	. 923
	21.36 QoS DSCP to Pbit Mapping Profile Configuration Command	. 924
	21.37 QoS DSCP to Tc Mapping Profile Configuration Command	
	21.38 QoS DSCP to Tc Mapping Profile Configuration Command	
	21.39 QoS Policer Per Tc Profile Configure	
	21.40 QoS Policer Per Tc Profile Configure	. 928
	21.41 QoS CoS Threshold Profile Configuration Command	. 929
	21.42 QoS Board-Level Queue and Performance Configuration Command	
	21.43 QoS Queue Threshold Crossing Alarm Configuration Command	. 933
	21.44 QoS DSL Link Configuration Command	
	21.45 QoS LIM Queue Configuration Command	
	21.46 QoS ShdSL Link Configuration Command	
	21 47 QoS LIM Queue (SHDSL) Configuration Command	943

vi 3HH-08079-FCEH-TCZZA Issue: 01

21.48 QoS Interface Configuration Command 21.49 QoS Interface Queue Configuration Command 21.50 QoS Interface Upstream Queue Configuration Command 21.51 QoS Interface Remote Downstream Queue Configuration Command 21.52 QoS Line Control Packets Rate Limit Configuration Command 21.53 P-bit Based Scheduling For SC Forwarder Cross Connect/Residential Bridge Configuration 21.54 QoS system level Up Control Packet DSCP/Pbit marking, TC mapping Configuration	952 956 961 965 atio@67
Command	971
Command	 LT' 9 73
22- VLAN Configuration Commands	974
22.1 VLAN Configuration Command Tree 22.2 VLAN General Configuration Command 22.3 Virtual MAC Configuration Command 22.4 VLAN Configuration Command 22.5 VLAN Filtering Database Configuration Command 22.6 VLAN Port Filtering Database Configuration Command 22.7 VLAN Protocol-based Configuration Command 22.8 Vlan Pbit Traffic Counter Configuration Command 22.9 Vlan Priority Regeneration Profile Configuration Command	977 978 979 990 993 996
23- VLAN Tpid Configuration Commands	1004
23.1 VLAN Tpid Configuration Command Tree	
24- Bridge Configuration Commands	1007
24- Bridge Configuration Commands 24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command	. 1008 . 1010 . 1011 . 1018 . 1026
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command	. 1008 . 1010 . 1011 . 1018 . 1026
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 1030 . 1031
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25- VLAN Tpid Configuration Commands 25.1 VLAN Tpid Configuration Command Tree	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 1030 . 1031
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25- VLAN Tpid Configuration Commands 25.1 VLAN Tpid Configuration Command Tree 25.2 VLAN General Configuration Command	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 . 1030 . 1031 . 1032 . 1034 . 1035
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25- VLAN Tpid Configuration Commands 25.1 VLAN Tpid Configuration Command Tree 25.2 VLAN General Configuration Command 26- VLAN Tpid Configuration Commands 26.1 VLAN Tpid Configuration Command Tree	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 . 1030 . 1031 . 1032 . 1034 . 1035
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25- VLAN Tpid Configuration Commands 25.1 VLAN Tpid Configuration Command Tree 25.2 VLAN General Configuration Command 26- VLAN Tpid Configuration Commands 26.1 VLAN Tpid Configuration Command Tree 26.2 VLAN General Configuration Command	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 . 1030 . 1031 . 1032 . 1034 . 1035 . 1036 . 1038 . 1039
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25.1 VLAN Tpid Configuration Command 25.1 VLAN Tpid Configuration Command Tree 25.2 VLAN General Configuration Command 26.1 VLAN Tpid Configuration Commands 26.1 VLAN Tpid Configuration Command Tree 26.2 VLAN General Configuration Command 27.1 Li_VLAN Configuration Command 27.1 Li_VLAN Configuration Command Tree 27.2 li_vlan Li Configuration Command	1008 1010 1011 1018 1026 1028 1030 1031 1032 1034 1035 1038 1039
24.1 Bridge Configuration Command Tree 24.2 Bridge General Configuration Command 24.3 Bridge Port Configuration Command 24.4 Bridge Port to VLAN Association Configuration Command 24.5 L2 Static User Ip Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 24.6 L2 Static User Ipv6 Address Configuration Command 25- VLAN Tpid Configuration Commands 25.1 VLAN Tpid Configuration Command Tree 25.2 VLAN General Configuration Command 26- VLAN Tpid Configuration Commands 26.1 VLAN Tpid Configuration Command Tree 26.2 VLAN General Configuration Command 27- Li_VLAN Configuration Commands 27.1 Li_VLAN Configuration Command Tree	. 1008 . 1010 . 1011 . 1018 . 1026 . 1028 . 1030 . 1031 . 1035 . 1036 . 1038 . 1039 . 1040 . 1041 . 1042

Issue: 01 3HH-08079-FCEH-TCZZA vii

	29.1 IGMP Configuration Command Tree	. 1049 . 1054 . 1057 . 1060 . 1062 . 1066 . 1067 . 1068 . 1069
3(0- Multicast Configuration Commands	1071
- '	30.1 Multicast Configuration Command Tree	
	30.2 Multicast General Group Configuration Command	. 1074
	30.3 General Multicast Package Members Configuration Command	
	30.4 Multicast Capacity Configuration Command	
	30.5 Multicast Channel Configuration Command	
	30.6 Multicast Channel Package Members Configuration Command	
	30.7 Multicast Channel Configuration Command	1081
	30.8 Multicast Channel Package Members Configuration Command	
	30.9 Multicast Ipv6 Channel Configuration Command	1085
	30.10 Multicast Channel Package Members Configuration Command	1088
	30.11 Multicast Monitoring Source Configuration Command	1089
	30.12 Multicast Monitoring Channel Configuration Command	1090
	30.13 Multicast Static Branch Configuration Command	1091
3	1- PPPoX-Relay Configuration Commands	1094
•	31.1 PPPoX-Relay Configuration Command Tree	
	31.2 PPPoX Cross-connect Global Configuration Command	
	31.3 PPPoX Cross-connect Engine Configuration Command	
	31.4 PPPoX Cross-connect Engine Monitoring Configuration Command	
	31.5 PPPCC Engine TCA Threshold Configuration Command	
	31.6 PPPoX Cross-connect Client Port Configuration Command	1103
	31.7 PPPoX Cross-connect Client Port Monitoring Configuration Command	
	2- PPPoE Configuration Commands	1109
	32.1 PPPoE Configuration Command Tree	1110
	32.2 PPPoE Profile Configuration Command	1111
	32.3 PPPoE Client Interface Configuration Command	1113
3:	3- PPPoEL2STATS Configuration Commands	1116
	33.1 PPPoEL2STATS Configuration Command Tree	1117
	33.2 Pppoe-L2 Statistics Configuration Command	
34	4- DHCP Relay Configuration Commands	1121
	34.1 DHCP Relay Configuration Command Tree	1122
	34.2 DHCP Relay User Port Configuration Command	1123
	34.3 DHCP v6 Relay User Port Configuration Command	1126
ک ا	5- XDSL Bonding Configuration Commands	1129
٠,		
	35.1 XDSL Bonding Configuration Command Tree	1130
	35.2 XDSL Bonding Assembly Level Configuration Command	
	35.3 xDSL Bonding Group Profile Configuration Command	
	35.5 xDSL Bonding Configuration Command	

viii 3HH-08079-FCEH-TCZZA Issue: 01

	Contents
35.6 xDSL Bonding Configuration Command	1144
36- CPE Remote Configuration Commands	1147
36.1 CPE Remote Configuration Command Tree	
36.2 CPE Remote Management System Configuration Commands	
36.3 CPE Manager Configuration Command	
36.4 CPE IPProxy Session Configuration Command	
	4450
37- SHDSL Configuration Commands	1152
37.1 SHDSL Configuration Command Tree	
37.2 SHDSL Span Configuration Command	
37.3 SHDSL Unit Configuration Command	
37.4 SHDSL Segment Configuration Command	1162
38- IMA Configuration Commands	1164
38.1 IMA Configuration Command Tree	
38.2 IMA Group Configuration Commands	
38.3 IMA Link Configuration Commands	
·	
39- L2CP Configuration Commands	1169
39.1 L2CP Configuration Command Tree	1170
39.2 L2CP Configuration Command	
39.3 L2CP Session Configuration Command	
39.4 L2CP User Port Partition Configuration Command	1175
40- Voice Configuration Commands	1176
40.1 Voice Configuration Command Tree	1178
40.2 Voice Sip Server Configuration Commands	1191
40.3 Voice Sip Lineld Syntax Profile Configuration Commands	
40.4 Voice Sip User Agent Configuration Commands	
40.5 Sip Voice Service Gateway Configuration Commands	1203
40.6 Voice Sip User Agent Access Point Configuration Command	
40.7 Voice Sip Dial Plan Configuration Commands	
40.8 Voice Sip Dial Plan Digitmap Configuration Commands	
40.9 Voice Sip Termination Configuration Commands	
40.10 Voice Sip Termination TCA Threshold Configuration Command	
40.11 Voice Sip Shared Line Termination Configuration Commands	
40.12 Sip Voice Register Configuration Commands	1223
40.14 Voice Sip Redundancy Table Configuration Commands	
40.15 Voice Sip System Session Timer Configuration Commands	1239
40.16 Voice Sip DNS Server Configuration Commands	
40.17 Voice Sip DHCP Authentication Params Configuration Commands	1243
40.18 Voice Sip Restoration Failover/Failback Type/Mode Configuration Commands	1245
40.19 Voice Statistics Configure Command	
40.20 Voice Statistics Mode Configuration Command	
40.21 Voice Sip Isdn/Cas Termination Configuration Commands	
40.22 Voice Sip Isdn/Cas Termination Configuration Commands	
40.23 Voice Sip Manipulation Rule Configuration Commands	
40.24 Voice Sip Cas R2 Timer Configuration Commands	
ACCO VOICE ON PUBLICONNOUGHOU COMMONS	12/1
	1070
40.26 Voice Sip PUID Configuration Commands	

Issue: 01 3HH-08079-FCEH-TCZZA ix

	40.29 Voice Sip Pri User To User Profile Configuration Commands			
	40.30 Voice Sip Isdn/Cas trunk sub-group Configuration Commands		 	1282
	40.31 Voice Sip Physical Interface Configuration Commands		 	128
	40.32 Voice Sip Cas Signaling Profile Configuration Commands		 	1289
	40.33 Central Access Point Table Configuration Commands		 	1292
	40.34 Central Access Point Table Configuration Commands			1294
	40.35 Voice Sip Cas Timer Profile Configuration Commands			
	40.36 Network Element Table Configuration Commands			
	40.37 Voice Sip Call Query Configuration Commands			
	40.38 Voice Cluster Configuration Commands			
	40.39 Voice Megaco IP Configuration Commands			
	40.40 Voice Megaco Equipment Configuration Commands	٠.	 	1200
	40.41 Voice Megaco Equipment Board Configuration Commands			
	40.42 Voice Megaco Equipment Termination Configuration Commands			
	40.43 Voice Megaco Termination Configuration Commands			
	40.44 Voice Megaco Termination Lawful Intercept Configuration Commands			
	40.45 Voice Megaco Equipment Secondary Termination Configuration Commands			
	40.46 Voice Megaco Media Gateway Configuration Commands			
	40.47 Voice Megaco Signal Gateway Configuration Commands			
	40.48 Epon Ont Voice SIP UserAgent Configuration		 	133
	40.49 Epon Ont Pots Configuration Command		 	1338
	40.50 Epon Ont Voice Common Configuration Command			
	40.51 Epon Ont Voice media gateway Configuration Command			
	40.52 Voice Sip LSA Server Configuration Commands			
	40.53 Voice Sip LSA Server Configuration Commands			
	40.54 Voice Sip LSA Server Emergency Service Configuration Commands			
	40.55 Voice extline Configuration Commands			
	40.56 Voice Decude Wire Configuration Commands		 	
	AU DO VOICE ESEUDO VVIIE L'ODIIDHIAIDO L'ODIDADOS			135
	40.56 Voice Pseudo Wire Configuration Commands		 	.135
11	1- Voice Ont Configuration Commands		 	1360
11	1- Voice Ont Configuration Commands		 	1360
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree		 	1360
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree		 	1360 1362 1369
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree		 	1360 1362 1369
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree		 	1360 1369 1374 1376
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command			1360 . 1369 . 1374 . 1376 . 1380
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command			1360 . 1369 . 1374 . 1376 . 1380 . 1384
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command			1360 . 1369 . 1374 . 1376 . 1386 . 1384 . 1386
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command			1360
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command			1360 . 1362 . 1369 . 1374 . 1386 . 1384 . 1388 . 1388
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command			1360 . 1362 . 1369 . 1376 . 1386 . 1386 . 1388 . 1389
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1376 . 1386 . 1386 . 1388 . 1389 . 1399
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1376 . 1386 . 1386 . 1388 . 1389 . 1399 . 1396
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree			1360 . 1362 . 1369 . 1374 . 1386 . 1388 . 1388 . 1389 . 1399 . 1396 . 1398
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1374 . 1386 . 1388 . 1389 . 1399 . 1396 . 1396 . 1396 . 1400
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command			1360 1360 1374 1376 1386 1386 1386 1386 1396 1396 1396 1400 1400
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1386 1386 1386 1396 1396 1396 1400 1400
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1386 1386 1386 1396 1396 1396 1400 1400
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1386 1386 1386 1396 1396 1396 1400 1400
111	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.18 GPON Special Dial Tone Event Profile Configuration Command			1360 . 1362 . 1374 . 1376 . 1386 . 1386 . 1386 . 1396 . 1396 . 1396 . 1400 . 1404 . 1404 . 1406
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command			1360 . 1362 . 1374 . 1376 . 1386 . 1386 . 1386 . 1396 . 1396 . 1396 . 1406 . 1406 . 1406 . 1406 . 1406
111	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.13 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.16 GPON Second Call Wait Tone Event Profile Configuration Command 41.16 GPON Second Call Wait Tone Event Profile Configuration Command 41.16 GPON Second Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.18 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1386 1386 1386 1396 1396 1400 1400 1400 1400 1400 1410
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Service Configuration Command 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1376 . 1386 . 1386 . 1386 . 1396 . 1396 . 1396 . 1406 . 1406 . 1406 . 1416 . 1416 . 1416
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.16 GPON Tone Total Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.18 GPON Special Info Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Confirm Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1388 1388 1399 1398 1398 1398 1398 1400 1404 1406 1406 1408 1416 1416
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Service Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.13 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.18 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Congest Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Confirm Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1388 1388 1399 1398 1398 1398 1400 1404 1406 1408 1408 1410 1411 1416
111	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.13 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.18 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.19 GPON Congest Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Configuration Event Profile Configuration Command 41.22 GPON Confirm Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command 41.24 GPON Message Wait Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1388 1388 1399 1396 1396 1406 1406 1406 1406 1406 1416 1416 141
111	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone El Wait Tone Event Profile Configuration Command 41.18 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.20 GPON Congest Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Confirm Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command 41.24 GPON Message Wait Tone Event Profile Configuration Command 41.25 GPON Reorder Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1388 1388 1389 1399 1396 1400 1400 1400 1401 1401 1401 1411 141
111	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.13 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Release Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command 41.24 GPON Resorder Tone Event Profile Configuration Command 41.25 GPON Reorder Tone Event Profile Configuration Command 41.26 GPON Ring Back Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1386 . 1386 . 1386 . 1386 . 1389 . 1396 . 1406 . 1406 . 1406 . 1406 . 1416 . 1416 . 1416 . 1416 . 1416 . 1416 . 1426 . 1426 . 1426
11	1- Voice Ont Configuration Command Tree 41.2 Voice Ont Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.12 GPON Busy Tone Event Profile Configuration Command 41.13 GPON First Call Wait Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.19 GPON Second Call Wait Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.19 GPON Release Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Confirm Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command 41.24 GPON Message Wait Tone Event Profile Configuration Command 41.25 GPON Reorder Tone Event Profile Configuration Command 41.26 GPON Ring Back Tone Event Profile Configuration Command 41.26 GPON Ring Back Tone Event Profile Configuration Command 41.27 GPON Roh Tone Event Profile Configuration Command			1360 . 1362 . 1369 . 1386 . 1386 . 1386 . 1386 . 1389 . 1396 . 1396 . 1406 . 1406 . 1406 . 1416 . 1416 . 1416 . 1416 . 1416 . 1416 . 1426 . 1426 . 1426 . 1426
11	1- Voice Ont Configuration Commands 41.1 Voice Ont Configuration Command Tree 41.2 Voice ONT Service Configuration Command 41.3 Performance Monitoring configuration command for VOIP service 41.4 Voice ONT POTS Configuration Command 41.5 Voice ONT Voice-Port Configuration Command 41.6 GPON Authentication Security Profile Configuration Command 41.7 Voice ONT Secure URI profile Configuration command 41.8 GPON URI Profile Configuration Command 41.9 GPON Tone Pattern Profile Configuration Command 41.10 GPON Tone Pattern Sequence Profile Configuration Command 41.11 Tone Event Profile Configuration Command 41.13 GPON Busy Tone Event Profile Configuration Command 41.14 GPON Second Call Wait Tone Event Profile Configuration Command 41.15 GPON Third Call Wait Tone Event Profile Configuration Command 41.16 GPON Fourth Call Wait Tone Event Profile Configuration Command 41.17 GPON Alert Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Dial Tone Event Profile Configuration Command 41.19 GPON Special Info Tone Event Profile Configuration Command 41.20 GPON Release Tone Event Profile Configuration Command 41.21 GPON Congest Tone Event Profile Configuration Command 41.22 GPON Release Tone Event Profile Configuration Command 41.23 GPON Dial Tone Event Profile Configuration Command 41.24 GPON Resorder Tone Event Profile Configuration Command 41.25 GPON Reorder Tone Event Profile Configuration Command 41.26 GPON Ring Back Tone Event Profile Configuration Command			1360 1360 1363 1374 1376 1386 1386 1386 1396 1396 1396 1400 1400 1400 1400 1400 1410 1410 141

x 3HH-08079-FCEH-TCZZA Issue: 01

	41.30 GPON Dead Tone Event Profile Configuration Command	1432
	41.32 GPON Second User Defined Tone Event Profile Configuration Command	
	41.33 GPON Third User Defined Tone Event Profile Configuration Command	
	41.34 GPON Fourth User Defined Tone Event Profile Configuration Command	
	41.35 GPON Network Dial Plan Profile Configuration Command	
	41.36 Create a RTP profile	
	41.37 Create a Voice Service profile	
	41.38 Create a VOIP Application Service Profile	
	41.39 Create a VOIP media profile	1454
	41.40 GPON Ringing Pattern Profile Configuration Command	
	41.41 GPON Ringing Pattern Sequence Profile Configuration Command	
	41.42 GPON Ring Event Profile Configuration Command	
	41.43 GPON VOIP readure Access Codes Profile Configuration Command	
	41.45 GPON Voice ONT POTS Rtp PM Mode Configuration Command	
	41.46 GPON ONT SIP Configuration Command	
	41.47 Voice Ont SIP Agent PM Mode Configuration Command	
	41.48 Voice Ont SIP Agent Call PM Mode Configuration Command	
	41.49 Configure ont POT SIP	
	41.50 Voice ONT MGC Configuration command	1487
	41.51 Voice ONT MGC PM monitoring command	1491
	41.52 Voice Ont Pots Call PM Mode Configuration Command	
	·	
42	2- Debug Configuration Commands	1495
	42.1 Debug Configuration Command Tree	
	42.2 Protocol Tracing Configuration Command	1497
4:	3- Ethernet User Ports Configuration Commands	1500
	43.1 Ethernet User Ports Configuration Command Tree	1501
	43.2 Ethernet Line Configuration Command	
	43.3 Ethernet Line TCA Threshold Configuration Command	
	45.4 Ethernet Line Mad Configuration Confinand	1500
	4 ONT Ethernet Port Configuration Command	1500
44	4- ONT Ethernet Port Configuration Command	1509
	44.1 ONT Ethernet Port Configuration Command Tree	
	44.2 ONT Ethernet Port Configuration Command	1511
	44.3 ONT Ethernet Port Physical Layer Performance Monitoring Configuration Command .	
	44.4 Ethernet ONT Uni Physical Layer Configuration Command	
	44.5 Ethernet ONT Uni Layer 2 Configuration Command	
	44.6 L2 UNI ONT Performance Monitor Extended 32bit Configuration Command	
	44.7 UNI Port Shutdown-Ais Configuration Commands	1523
4	5- Epon Ont Ethernet Configuration Command	1525
	45.1 Epon Ont Ethernet Configuration Command Tree	1526
	45.2 Epon Ont ethernet Configuration Command	
	45.3 Epon Ont Flow Configuration Command	1528
	45.4 Epon Ont Ethernet Multicast Vlan Configuration Command	1530
	45.5 Epon Ont Ethernet Vlan Translation Configuration Command	1532
	45.6 Epon Ont Ethernet Multicast Vlan Translation Configuration Command	
4(6- Efm Oam Configuration Commands	1536
	46.1 Efm Oam Configuration Command Tree	
	46 TEIM Cam Conjiduration Command Tree	153
	46.2 Efm Oam Interface ConfigurationCommand	
47		

Issue: 01 3HH-08079-FCEH-TCZZA xi

	47.1 CFM Configuration Command Tree	1543 1545 1549 -A lS)53
	47.6 Active Remote Maintenance Association End Point Configuration Command 47.7 Remote Maintenance Association End Point Configuration Command	1555 1556 1557 1558
	47.10 CFM PM Proactive test management Command	1559
48	8- Trouble-Shooting Configuration Commands	1561
	48.1 Trouble-Shooting Configuration Command Tree	
49	9- Trouble-Shooting Pbit Counter Configuration Command	1566
	49.1 Trouble-Shooting Pbit Counter Configuration Command Tree	1567 1568
5(0- Trouble-Shooting Pon Interface Configuration Command	1571
	50.1 Trouble-Shooting Pon Interface Configuration Command Tree	
	50.2 Trouble-shooting Pon Interface Configuration Commands	
	50.4 Trouble shooting Configuration Command	
5 ⁻	1- Trouble-Shooting Color Counter Configuration Command	1577
	51.1 Trouble-Shooting Color Counter Configuration Command Tree	
52	2- IPoA/E IW Configuration Commands	1581
	52.1 IPoA/E IW Configuration Command Tree	
	52.2 IPoA/E IW Interworking Port Configuration Command	
5:	3- LineTest Configuration Commands	1586
	53.1 LineTest Configuration Command Tree	1587
	53.3 Megaco LineTest Line Configuration Command	1593
	53.4 MEGACO LineTest Param Configuration Command	
	53.6 SINGLE LineTest Line Configuration Command	1606
	53.7 SINGLE LineTest Param Configuration Command	1608
5	4- LACP Configuration Commands	1614
	54.1 LACP Configuration Command Tree	
	54.2 LACP general configuration command	
	54.4 LACP group configuration command	
	54.5 LACP Group Port configuration command	1620
5	5- MSTP Configuration Commands	1621
	55.1 MSTP Configuration Command Tree	

xii 3HH-08079-FCEH-TCZZA Issue: 01

	С	or	nte	ents
--	---	----	-----	------

55.3 MSTP Instance configuration Command	.1626 .1627
56- Application Intelligence Configuration Commands 1	631
56.1 Application Intelligence Configuration Command Tree	.1633 .1634
57- NGpon2 Channel Group/Sub Channel Group Configuration Commands 1	638
57.1 NGpon2 Channel Group/Sub Channel Group Configuration Command Tree 57.2 NGpon2 Channel Group Configuration Command	.1639 .1640 .1642 .1643
58- Pon Configuration Commands 1	647
58.1 Pon Configuration Command Tree	.1648 .1651 .1652 .1657 11659
for PON 58.6 Multicast TC-layer Performance Monitoring Command for PON 58.7 XGPON Physical-layer Performance Monitoring Command for PON 58.8 XGPON Upstream FEC Performance Monitoring Command for PON 58.9 XGPON TC-layer Performance Monitoring Command for PON 58.10 OTDR enable Command for PON 58.11 PON Utilization PM Configuration Command 58.12 PON Utilization TCA Threshold Configuration Command 58.13 Deactivate Ont threshold Configuration Commands 58.14 Deactivate Ont threshold Configuration Commands 58.15 Deactivate Ont threshold Configuration Commands 58.16 Power Shedding Profile Configuration Command 58.17 Voice ONT Secure URI profile Configuration command 58.18 GPON Authentication Security Profile Configuration Command	.1661 .1663 .1665 .1667 .1669 .1671 .1673 .1679 .1681 .1685 .1687 .1689
59- Uni Ont Configuration Commands	692
59.1 Uni Ont Configuration Command Tree	.1694
60- CES Configuration Commands 1	698
60.1 CES Configuration Command Tree 60.2 CES Maintenance Profile Configuration Command 60.3 CES Service Port Provisioning Configuration Command 60.4 CES Service PM Mode Configuration Command 60.5 CES Service Configuration Command 60.6 CES Service Gem Port Configuration Command 60.7 CES Service Configuration Command	.1701 .1703 .1706 .1708 .1713
61- ANI ONT Configuration Commands	717
61.1 ANI ONT Configuration Command Tree	.1718

Issue: 01 3HH-08079-FCEH-TCZZA xiii

61.2 ANI ONT Thershold Configuration Command	
62- ONT HPNA Configuration Commands	1723
62.1 ONT HPNA Configuration Command Tree	
62.2 ONT HPNA Configuration Command	
62.3 ONT HPNA L2 Port Performance Monitoring Configuration Command	
62.4 Hpna ONT Uni Layer 2 Configuration Command	
63- L2UNI Configuration Commands	1732
63.1 L2UNI Configuration Command Tree	
63.2 L2 UNI ONT Performance Monitor Configuration Command	
63.3 L2 UNI ONT Performance Monitor Extended 32bit Configuration Com 63.4 TC-layer Performance Monitoring Counter Thresholds Configuration (
ONTL2UNI	
C4 Juliant Configuration Commands	4740
64- IpHost Configuration Commands	1740
64.1 IpHost Configuration Command Tree	
64.3 Voice Ont IP-Host PM Mode Configuration Command	
· ·	
65- ONT VEIP Configuration Commands	1748
65.1 ONT VEIP Configuration Command Tree	
65.2 ONT VEIP Configuration Command	
65.4 Veip ONT Uni Layer 2 Configuration Command	
65.5 L2 UNI ONT Performance Monitor Extended 32bit Configuration Com	
66- MoCA Configuration Commands	1759
66.1 MoCA Configuration Command Tree	
66.2 MoCA ONT Uni Configuration Command	
66.3 MoCA ONT Uni Physical Layer Configuration Command 66.4 MoCA ONT Uni Layer 2 Configuration Command	
67. Configure NTD peremeters on a specific ONT	4760
67- Configure NTP parameters on a specific ONT	1768
67.1 Configure NTP parameters on a specific ONT Tree 67.2 Configure NTP parameters on a specific ONT	
or.z Goringare ivii parameters on a specime Givi	
68- Channel Pair Configuration Commands	1772
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	
68.1 Channel Pair Configuration Command Tree	

xiv 3HH-08079-FCEH-TCZZA Issue: 01

Cont	ents
68.16 Deactivate Ont threshold Configuration Commands 68.17 Deactivate Ont threshold Configuration Commands 68.18 Deactivate Ont threshold Configuration Commands 68.19 Trouble-Shooting threshold Configuration Commands	307 309
69- Epon Configuration Commands 18	12
69.1 Epon Configuration Command Tree <td>314</td>	314
70- Epon Profile Configuration Commands 18	19
70.1 Epon Profile Configuration Command Tree <t< td=""><td>322 329</td></t<>	322 329
71- Epon Profile Configuration Commands 183	33
71.1 Epon Profile Configuration Command Tree	334 335
72- Tr069 Server Management Configuration Commands 183	36
72.1 Tr069 Server Management Configuration Command Tree	337 338
73- Snmp Agent Management Configuration Commands 18-	40
73.1 Snmp Agent Management Configuration Command Tree	
74- Distributed Router Configuration Commands 18-	44
74.1 Distributed Router Configuration Command Tree74.2 Drouter IP Configuration Command74.3 Inbound MPLS LSP Configuration Command74.4 Static Outbound MPLS LSP Configuration Command74.5 SDP Configuration Command <td>346 348 349</td>	346 348 349
75- Distributed Service Configuration Commands 18	52
75.1 Distributed Service Configuration Command Tree.1875.2 Distributed Service Configuration Command.1875.3 SDP Binding Configuration Command.1875.4 APIPE SDP Binding Configuration Command.1875.5 VCL Binding Configuration Command.18	354 356 357
76- BCMP Configuration Commands 180	60
76.1 BCMP Configuration Command Tree	
77- System Level Generic Pon Config Commands 77.1 System Level Generic Pon Config Command Tree	
77.1 System Level Generic Pon Conlig Command Tree	366 367 368 374

Issue: 01 3HH-08079-FCEH-TCZZA xv

	OLT GIS info Configuration Command				
78- CL	LI Alias Configuration Command				1881
	CLI Alias Configuration Command Tree				
79- Dh	hcp-Server Configuration Data				1884
	Dhcp-Server Configuration Data Tree				
80- Cv	wmp platform Configuration Commands				1887
	Cwmp platform Configuration Command Tree				
81- N <i>A</i>	APT aging-time configuration Command				1890
	NAPT aging-time configuration Command Tree 2 NAPT aging-time configuration Command				
	I Configuration Commands				1893
	E1 Configuration Command Tree				
83- LL	DPMed Configuration Commands				1897
	LLDPMed Configuration Command Tree				
83.3	B LLDP med Configuration B LLDP port configuration LLDP MED Local Media Policy configuration			 	 1900
94 Di	ual-Parenting Configuration Commands				1906
	Dual-Parenting Configuration Command Tree			 	
85. Di	ual-Parenting ProtGrp Configuration Com	mand	•		1908
	Dual-Parenting ProtGrp Configuration Command Tr			 	
85.2	2 Dual-Parenting ProtGrp Configuration Command.			 	 1910
86- Du	ual-Parenting local-node Configuration C	omma	nds		1912
	Dual-Parenting local-node Configuration Command Dual-Parenting local-node Configuration Command				
87- Du	ual-Parenting peer-node Configuration Co	ommar	nds		1915
	Dual-Parenting peer-node Configuration Command Dual-Parenting peer-node Configuration Command				
88- Int	terface Management Configuration Comm	nands			1918
	Interface Management Configuration Command Tre 2 TC-layer Performance Monitoring Command				
89- IP	v6 Configuration Commands				1922
89.1	IPv6 Configuration Command Tree			 	 192
メログ	Piny6 anti-spoofing Configuration Command				192

xvi 3HH-08079-FCEH-TCZZA Issue: 01

90- Mcast control Configuration Commands	1925
90.1 Mcast control Configuration Command Tree	1926
90.2 mcast Channel Configuration Command	1928
90.3 IGMP Channel Permission Package Members Configuration Command	1933
90.4 IGMP Channel Preview Package Members Configuration Command	
90.5 mcast System Configuration Command	
90.6 IGMP System CDR Type Configuration Command	1943
90.7 MLD Vlan System Configuration Command	
90.8 MLD Vlan System Configuration Command	1945
90.9 IGMP Vlan System Configuration Command	1946
90.10 IGMP Vlan System Configuration Command	1947
90.11 mcast Multicast Vlan Translation Command	1948
90.12 Multicast Pon Vlan Translation Command	1949
90.13 Multicast Service Context Configuration Command	1950
90.14 mcast Package Bitmaps Configuration Command	
91- Equipment Status Commands	1953
91.1 Equipment Status Command Tree	
91.2 Slot Status Command	
91.3 Profile Description Command	
91.4 Applique Status Command	
91.5 Shelf Summary Status Command	
91.6 Protection Element Status Command	
91.7 Protection Group Status Command	
91.8 External-link-host Status Commands	
91.9 External-link-remote Status Commands	
91.10 SFP/XFP Diagnostics Status Command	
91.11 SFP/XFP Diagnostics Status Command	
91.12 Sfp RSSI Configuration Command	
91.13 Board Temperature Status Command	
91.14 Board Planned Resource Command	
91.15 Transceiver Inventory Status Command	
91.16 NE Status Command	
91.17 Rack Status Command	
91.18 Shelf Status Command	
91.19 Power Supply Status Command	2016
92- ONT Status Commands	2020
92.1 ONT Status Command Tree	
92.2 ONT Interface Command	
92.3 ONT Interface Operational Status Command	2020
92.4 ONT Card Status Command	
92.5 ONT Software Control Status Command	
92.6 ONT Software Version Status Command	
92.7 ONT Software Download Status Command	
92.8 ONT Data Store Status Command	
92.9 ONT Optics Status Command	
92.10 ONT Optics History Status Command	2040
92.11 ONT Power Shedding Status Command	
92.11 GNT Fower Shedding Status Command	2003 arina 2055
Command	
92.13 GPON ont Olt-side on-demand aggregate gem Previous-Interval Performance Moni	· · · torin@057
Command	toring 057
92.14 GPON ont Ont-side aggregate gem Current-Interval Performance Monitoring Comm	 and 2050
92.14 GPON ont Ont-side aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Previous-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.14 GPON ont Ont-side aggregate gern Current-Interval Performance Monitoring Community 92.14 GPON ont Ont-side aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate gern Current-Interval Performance Monitoring Community 92.15 GPON ont Ont-side Aggregate GP	
92.15 GPON ont Ont-side Aggregate gern Previous-Interval Performance Monitoring Com	manuz001
92.16 GPON ont Olt-side Always-on Aggregate gem Current-Interval Performance Monito	 rina 2063

Issue: 01 3HH-08079-FCEH-TCZZA xvii

Command	itoring2065
92.18 Multicast TC-layer Current Interval Performance Data Status Command 92.19 Multicast TC-layer Previous Interval Performance Data Status Command 92.20 Fec TC-layer Current Interval Counters Command	2069
92.21 Olt-side FEC TC-layer Current Interval Counters Command	
92.23 GPON ont pon aggregate ethernet Current-Interval Performance Monitoring Comm 92.24 GPON ont pon Aggregate ethernet Previous-Interval Performance Monitoring Com	nand 2077 mand2079
92.25 GPON ont pon aggregate ethernet total Performance Monitoring Command	2082
92.26 Olt-side Physical-layer Current Interval Counters Command	
92.28 XGPON ONT Ont-side tc-layer Previous-Interval Performance Monitoring Comman	
92.29 XGPON ONT Olt-side tc-layer Current-Interval Performance Monitoring Command	2090
92.30 XGPON ONT Olt-side tc-layer Previous-Interval Performance Monitoring Command 92.31 ONT Utilization Current Interval PM Command	
92.32 ONT Utilization Previous Interval PM Command	
92.33 ONT Configure File Download Status Command	2098
92.34 ONT Configure File Download Status Command	2103
92.36 ONT Index Lookup Command	2110
92.37 ONT Gis Info Command	2112
92.38 XGPON ONT Olt-side Performance Monitoring Command	
92.40 GPON ONT Memory Usage Current-Interval Performance Monitoring Command .	
92.41 GPON ONT Memory Usage Previous-Interval Performance Monitoring Command	
92.42 GPON ONT CPU Load Current-Interval Performance Monitoring Command 92.43 GPON ONT CPU Load previous-Interval Performance Monitoring Command	
93- ONT Ranging Status Commands	
93- ONT Ranging Status Commands 93.1 ONT Ranging Status Command Tree	2128
93.1 ONT Ranging Status Command Tree	2128 2129 2130
93.1 ONT Ranging Status Command Tree	2128 2129 2130
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133 2135 2136
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133 2135 2136 2137
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133 2135 2136 2137
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133 2135 2136 2137 2141 2142
93.1 ONT Ranging Status Command Tree	2128 2129 2130 2133 2135 2136 2137 2141 2142 2143
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command	2128 2129 2130 2133 2135 2136 2137 2141 2142 2143 2146 2149
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command	2128 2129 2130 2133 2135 2136 2137 2141 2142 2143 2146 2149
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 95.5 NGPON ONT Status Command	2128 2129 2130 2135 2136 2137 2141 2142 2143 2149 2152
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 95.5 NGPON ONT Status Command 96.1 Epon Ont Status Command 96.1 Epon Ont Status Command Tree	2128 2129 2130 2135 2136 2137 2141 2142 2148 2149 2152 2156 2157
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 95.5 NGPON ONT Status Command 96.1 Epon Ont Status Command 96.1 Epon Ont Status Command 96.2 EONT Interface Status Command	2128 2129 2133 2135 2136 2137 2141 2142 2148 2149 2152 2156 2157 2158
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 96.5 NGPON ONT Status Command 96.1 Epon Ont Status Command 96.2 EONT Interface Status Command 96.3 Epon Ont Optics Status Command 96.4 Epon Ont LLID Status Command	2128 2129 2133 2135 2136 2137 2141 2142 2143 2149 2152 2156 2158 2163 2166
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 96.5 Epon Ont Status Command 96.1 Epon Ont Status Command 96.2 EONT Interface Status Command 96.3 Epon Ont Optics Status Command 96.4 Epon Ont LLID Status Command 96.5 EONT Software Version Status Command	2128 2129 2130 2133 2135 2136 2137 2141 2142 2143 2146 2152 2156 2157 2158 2166 2168
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94.1 ONT Software Download Status Command 94.2 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 96.1 Epon Ont Status Command 96.2 EONT Interface Status Command 96.3 Epon Ont Optics Status Command 96.4 Epon Ont LLID Status Command 96.5 EONT Software Version Status Command 96.6 Epon Pon Performance Statistics Command	2128 2129 2130 2133 2135 2136 2137 2141 2142 2143 2146 2152 2156 2157 2168 2168 2169
93.1 ONT Ranging Status Command Tree 93.2 ONT Channel-group Ranging Status Command 93.3 ONT Channel-pair Ranging Status Command 94- ONT Software Download Status Command 94.1 ONT Software Download Status Command Tree 94.2 ONT Software Download Status Per Channel Group/Sub Channel Group Command 95- ONT Status Commands 95.1 ONT Status Command Tree 95.2 GPON ONT Status Command 95.3 GPON ONT Status Command 95.4 GPON ONT Status Command 95.5 NGPON ONT Status Command 96.5 Epon Ont Status Command 96.1 Epon Ont Status Command 96.2 EONT Interface Status Command 96.3 Epon Ont Optics Status Command 96.4 Epon Ont LLID Status Command 96.5 EONT Software Version Status Command	2128 2129 2133 2135 2136 2137 2141 2142 2143 2146 2152 2156 2158 2163 2168 2169 2170 2174

xviii 3HH-08079-FCEH-TCZZA Issue: 01

		Contents
	96.10 Epon Ont Previous 1day Status Command	. 2186
9	97- show tc-layer pm data	2190
_	97.1 show tc-layer pm data Tree	
	97.2 show TC-layer ONT side Current Interval Performance Data Status Command	
	97.3 show TC-layer ONT side Previous Interval Performance Data Status Command	
9	98- Protection Group Status Commands	2196
_	98.1 Protection Group Status Command Tree	
	98.2 Protection Group Status Command	
9	9- Trap Status Commands	2201
_	99.1 Trap Status Command Tree	
	99.2 Trap Manager Queue Status Command	. 2203
	99.3 Trap Manager Queue Status Command	
1	00- Alarm Delta Log Status Commands	2205
	100.1 Alarm Delta Log Status Command Tree	2206
	100.2 Alarm Generic Delta Alarm Log Status Command	
	100.3 Indeterminate Alarm Delta Log Status Command	2209
	100.4 Warning Alarm Delta Log Status Command	
	100.5 Minor Alarm Delta Log Status Command	
	100.6 Major Alarm Delta Log Status Command	
1	01- query current alarms by filters	2484
	101.1 query current alarms by filters Tree	
	101.2 show current alarm by filters	
	101.3 show current alarm by filters	
	101.5 show current alarm by filters	
	101.6 show current alarm by filters	
	101.7 show current alarm by filters	
	101.8 show current alarm by filters	. 2557
	101.9 show current alarm by filters	
	101.10 show current alarm by filters	
	101.11 show current alarm by filters	
	101.12 show current alarm by filters	
	101.14 show current alarm by filters	
	101.15 show current alarm by filters	
	101.16 show current alarm by filters	
	101.17 show current alarm by filters	
	101.18 show current alarm by filters	
	101.19 show current alarm by filters	
	101.20 show current alarm by filters	
	101.21 show current alarm by filters	
	101.23 show current alarm by filters	
	101.24 show current alarm by filters	
	101.25 show current alarm by filters	. 2703
	101.26 show current alarm by filters	
	101.27 show current alarm by filters	
	101 28 show current alarm by filters	2730

Issue: 01 3HH-08079-FCEH-TCZZA xix

101.29 show current alarm by filters	
101.30 show current alarm by filters	. 2746
101.31 show current alarm by filters	
101.32 show current alarm by filters	
101.33 show current alarm by filters	
101.34 show current alarm by filters	
101.35 show current alarm by filters	. 2793
101.36 show current alarm by filters	. 2803
101.37 show current alarm by filters	2811
101.38 show current alarm by filters	2011
101.39 show current alarm by filters	
101.40 show current alarm by filters	
101.41 show current alarm by filters	. 2846
101.42 show current alarm by filters	. 2855
101.43 show current alarm by filters	
101.44 show current alarm by filters	
101.44 Show current alarm by littles	. 2071
101.45 show current alarm by filters	. 2880
101.46 show current alarm by filters	
101.47 show current alarm by filters	. 2897
101.48 show current alarm by filters	. 2906
101.49 show current alarm by filters	
101.50 show current alarm by filters	
101.51 show current alarm by filters	
101.52 show current alarm by filters	. 2942
101.53 show current alarm by filters	. 2951
101.54 show current alarm by filters	. 2960
101.55 show current alarm by filters	
101.56 show current alarm by filters	
101.57 show current alarm by filters	
101.58 show current alarm by filters	
101.59 show current alarm by filters	. 3009
101.60 show current alarm by filters	
101.61 show current alarm by filters	3026
101.62 show current alarm by filters	
101.63 show current alarm by filters	
101.64 show current alarm by filters	
101.65 show current alarm by filters	. 3062
101.66 show current alarm by filters	. 3073
101.67 show current alarm by filters	
101.68 show current alarm by filters	
101.00 show current alarm by lines	. 5092
101.69 show current alarm by filters	
101.70 show current alarm by filters	
101.71 show current alarm by filters	. 3118
101.72 show current alarm by filters	. 3126
101.73 show current alarm by filters	
101.74 show current alarm by filters	
101.75 show current alarm by filters	
101.76 show current alarm by filters	
101.77 show current alarm by filters	. 3171
101.78 show current alarm by filters	
101.79 show current alarm by filters	
101.80 show current alarm by filters	
101.81 show current alarm by filters	
101.82 show current alarm by filters	
101.83 show current alarm by filters	
101.84 show current alarm by filters	
101.85 show current alarm by filters	
101.86 show current alarm by filters	
101.87 show current alarm by filters	
101.88 show current alarm by filters	3265

xx 3HH-08079-FCEH-TCZZA Issue: 01

101.89 show current alarm by filters	
101.90 show current alarm by filters	
101.91 show current alarm by filters	
101.92 show current alarm by filters	
101.93 show current alarm by filters	
101.94 show current alarm by filters	
101.95 show current alarm by filters	
101.96 show current alarm by filters	. 3345
101.97 show current alarm by filters	. 3353
101.98 show current alarm by filters	. 3363
101.99 show current alarm by filters	. 3373
101.100 show current alarm by filters	. 3381
101.101 show current alarm by filters	. 3389
101.102 show current alarm by filters	
101.103 show current alarm by filters	. 3405
101.104 show current alarm by filters	
101.105 show current alarm by filters	
101.106 show current alarm by filters	
101.107 show current alarm by filters	
101.108 show current alarm by filters	
101.109 show current alarm by filters	
101.110 show current alarm by filters	
101.111 show current alarm by filters	3473
101.112 show current alarm by filters	
101.113 show current alarm by filters	
101.114 show current alarm by filters	
101.115 show current alarm by filters	
101.116 show current alarm by filters	
101.117 show current alarm by filters	
101.118 show current alarm by filters	
101.119 show current alarm by filters	
101.120 show current alarm by filters	
101.121 show current alarm by filters	
101.122 show current alarm by filters	
101.123 show current alarm by filters	
101.124 show current alarm by filters	
101.125 show current alarm by filters	
101.126 show current alarm by filters	
101.127 show current alarm by filters	
101.128 show current alarm by filters	
101.129 show current alarm by filters	
101.130 show current alarm by filters	
101.131 show current alarm by filters	
101.132 show current alarm by filters	
101.133 show current alarm by filters	
101.134 show current alarm by filters	
101.135 show current alarm by filters	
101.136 show current alarm by filters	
101.137 show current alarm by filters	
101.137 show current alarm by filters	
101.139 show current alarm by filters	
101.139 show current alarm by filters	
101.140 show current alarm by filters	
101.141 show current alarm by filters	
101.142 show current alarm by filters	
101.144 show current alarm by filters	
101.145 show current alarm by filters	. აბბყ

102- Alarm Log Status Commands

3898

Issue: 01 3HH-08079-FCEH-TCZZA xxi

102.1 Alarm Log Status Command Tree	
102.2 Alarm Log Status Command	3908
102.3 Equipment Alarm Log Status Command	3915
102.4 Equipment Holder Alarm Log Status Command	
102.5 Equipment Holder Extended Alarm Log Status Command	
102.6 Plug-in Unit Alarm Log Status Command	
102.7 ATM Alarm Log Status Command	3931
102.8 Ethernet Interface Alarm Log Status Command	
102.9 Software Management Alarm Log Status Command	
102.10 Temporal Filter Alarm Log Status Command	
102.11 Spatial Filter Alarm Log Status Command	
102.12 xDSL Common Alarm Log Status Command	
102.13 xDSL Near-end Alarm Log Status Command	
102.14 xDSL Far-end Alarm Log Status Command	
102.15 TCA xDSL Alarm Log Status Command	3964
102.16 Protection Group Alarm Log Status Command	39/1
102.17 Vectoring Line Alarm Log Status Command	
102.18 Vectoring Board Alarm Log Status Command	
102.19 Electrical-to-Optical Conversion Alarm Log Status Command	
102.20 Authentication Alarm Log Status Command	
102.21 xDSL Bonding Alarm Log Status Command	3986
102.22 Redundancy Alarm Log Status Command	3990
102.23 Custom Alarm Log Status Command	3992
102.24 SFP Alarm Log Status Command	3998
102.25 Custom External Alarm Log Status Command	
102.26 SFP RSSI for NT Alarm Log Status Command	
102.27 PPP Cross-Connect Engine TCA Alarm Log Status Command	4009
102.29 2xE1/DS1 SFP Clock Alarm Log Status Command	
102.30 2xE1/DS1 SFP Clock Alarm Log Status Command	
102.30 Plug In Unit Extended Alarm Log Status Command	4022
102.32 SIP Server Alarm Log Status Commands	4022
102.33 SIP VSP Alarm Log Status Commands	
102.34 SIP Dial Plan Alarm Log Status Commands	
102.35 SIP User Agent Alarm Log Status Commands	4034
102.36 SIP Slot Alarm Log Status Commands	
102.37 SIP Termination Alarm Log Status Commands	
102.38 Secondary SIP Termination Alarm Log Status Command	
102.39 SIP Termination Alarm Log Status Commands	4047
102.40 E1/T1 Interface Alarm Log Status Commands	
102.41 SIP Termination Alarm Log Status Commands	
102.42 Pseudo Wire Alarm Log Status Command	
102.43 E1 Alarm Log Status Command	
102.44 Shdsl Alarm Log Status Command	
102.45 Shdsl Alarm Log Status Command	
102.46 Megaco Media Gateway Alarm Log Status Command	
102.47 Megaco Signaling Gateway Alarm Log Status Command	
102.48 Megaco Plug Unit Alarm Log Status Command	
102.49 Megaco Termination Alarm Log Status Command	
102.50 Secondary Megaco Termination Alarm Log Status Command	
102.51 Megaco Signaling Lt Alarm Log Status Command	4076
102.52 Ima-Group Alarm Log Status Command	4078
102.53 Ima-Link Alarm Log Status Command	4081
102.54 Ether-Tca Alarm Log Status Command	
102.55 Ether-Sfp Alarm Log Status Command	
102.56 Ether-Sfp Alarm Log Status Command	
102.57 Alarm Qos Slot Log Status Commands	
102.58 Ellid Alarm Status Command	
102.59 Alarm Qos Queue Log Status Commands	
102.60 Log File Transfer Server Alarm Log Status Command	4108

xxii 3HH-08079-FCEH-TCZZA Issue: 01

102.61 Log Lsm Redundancy Alarm Log Status Command	
102.62 Log L2 Forward Alarm Log Status Command	
102.63 External Device Alarm Log Status Command	
102.64 Multicast Source Alarm Log Status Command	
102.65 Vlanport Alarm Log Status Command	
102.66 BGP Alarm Log Status Command	.4122
102.67 RIP Alarm Log Status Command	4124
102.68 LAG Alarm Log Status Command	4126
102.69 ihub-general Alarm Log Status Command	
102.70 VPRN Alarm Log Status Command	
102.71 ISIS Alarm Log Status Command	
102.72 Ospf Alarm Log Status Command	
102.73 ihub-l2forward Alarm Log Status Command	
102.74 Vpls Alarm Log Status Command	
102.75 IHUB-Eqip Alarm Log Status Command	4144
102.76 IHUB-Link Alarm Log Status Command	4147
102.77 IHUB-Tca Alarm Log Status Command	
102.78 LDP Alarm Log Status Command	
102.79 MPLS Alarm Log Status Command	
102.80 SDP Alarm Log Status Command	
102.81 IHUB IPV6 Alarm Log Status Command	
102.82 EPIPE Alarm Log Status Command	4162
102.83 PIM Alarm Log Status Command	4167
102.84 IHUB Lawful Intercept Alarm Log Status Command	
102.85 Sync Clock Alarm Log Status Command	
102.86 Equipment Supplemental Alarm Log Status Command	
102.87 Otdr Alarm Log Status Command	41//
102.88 Management Security Access Alarm Log Status Command	4183
102.89 IHUB BFD Alarm Log Status Command	
102.90 Application Intelligence Alarm Log Status Command	4187
102.91 ONT SNMP Alarm Log Status Command	
102.92 Tr069 Alarm Status Command	
102.93 Bulk Sync Alarm Log Status Command	
102.94 Protection Group Alarm Log Status Command	
102.95 Ont protection Alarm Log Status Command	
102.96 ONT General Supplemental Alarm Log Status Command	
102.97 SFU ONT General Supplemental Alarm Log Status Command	
102.98 SOHO ONT General Supplemental Alarm Log Status Command	
102.99 MDU ONT General Supplemental Alarm Log Status Command	
102.100 ONT General Supplemental 2 Alarm Log Status Command	
102.101 SFU ONT General Supplemental 2 Alarm Log Status Command	
102.102 SOHO ONT General Supplemental 2 Alarm Log Status Command	
102.103 MDU ONT General Supplemental 2 Alarm Log Status Command	
102.104 Ima-Group Alarm Log Status Command	
102.105 LT CFM Alarm Log Status Command	
102.106 IHUB CFM Alarm Log Status Command	
102.107 RSVP Alarm Log Status Command	
102.108 IPD eth-ring Alarm Log Status Command	
102.109 EFM-OAM Alarm Log Status Command	4242
102.110 ont loop detect Alarm Log Status Command	
102.111 ONT PLOAM Alarm Log Status Command	4247
102.112 SFU ONT PLOAM Alarm Log Status Command	4251
102.113 SOHO ONT PLOAM Alarm Log Status Command	.4255
102.114 MDU ONT PLOAM Alarm Log Status Command	4259
102.115 ONT General Alarm Log Status Command	
102.116 SFU ONT General Alarm Log Status Command	
102.117 SOHO ONT General Alarm Log Status Command	
102.118 MDU ONT General Alarm Log Status Command	
102.119 ONT SUBSCRIBER CARD Alarm Log Status Command	
102.120 ONT SERVICES POTS Alarm Log Status Command	

Issue: 01 3HH-08079-FCEH-TCZZA xxiii

102.121 ONT SERVICES LAN Alarm Log Status Command	. 4287
102.122 ONT TC TCA Alarm Log Status Command	
102.123 ONT TCA Alarm Log Status Command	
102.124 ONT L2 UNI Ethernet TCA Alarm Log Status Command	
102.125 OLT PON TC TCA Alarm Log Status Command	
102.126 OLT PON Utilization TCA Alarm Log Status Command	
102.127 OLT Channel Pair Utilization TCA Alarm Log Status Command	
102.128 OLT ONT TC TCA Alarm Log Status Command	
102.129 ONT POTS SUPPLEMENTAL Alarm Log Status Command	
102.130 ONT VEIP Alarm Log Status Command	
102.131 ONT IP HOST Alarm Log Status Command	
102.132 Alarm Table Alarm Log Status Command	
102.133 ONT VIDEO Alarm Log Status Command	
102.134 ONT CES Alarm Log Status Command	
102.135 ONT VOIP Alarm Log Status Command	
102.136 ONT VIDEO ANI Alarm Log Status Command	. 4326
102.137 ONT PWE Alarm Log Status Command	
102.138 ONT CESE1 Alarm Log Status Command	
102.139 ONT XDSL Alarm Log Status Command	
102.140 ONT XDSL TCA Alarm Log Status Command	
102.141 ONT HPNA Alarm Log Status Command	. 4339
102.142 ONT SIP AGENT CFG Alarm Log Status Command	
102.143 ONT VOIP CFG Alarm Log Status Command	
102.144 ONT MGC Alarm Log Status Command	. 4340 4250
102.146 ONT MoCA Threshold Crossing Alert (TCA) Alarm Log Command	
102.148 Channel Pair Alarm Log Status Command	
102.149 Channel Pair OLT TC TCA Alarm Log Status Command	
102.150 Ont Configuration Download Alarm Log Status Command	
102.151 HGU TR069 Alarm Log Status Command	
102.152 Equipment Holder Extended Alarm Log Status Command	
102.153 Ethernet Ring Alarm Log Status Command	
102.154 Lldpmed Alarm Log Status Command	
102.155 Lag group Alarm Log Status Command	
102.156 40GBase-KR4 fcs exceed Alarm Log Status Command	
103- Alarm Snap-shot Status Commands	4386
•	
103.1 Alarm Snap-shot Status Command Tree	
103.2 Alarm Snapshot Status Command	
103.3 Alarm Snapshot Equipment Status Command	
103.4 Equipment Holder Alarm Log Status Command	
103.5 Equipment Holder Alarm Extended Log Status Command	
103.6 Plug-in Unit Alarm Log Status Command	
103.8 Alarm Snapshot Ethernet Interface Status Command	
103.9 Alarm Snapshot Software Management Status Command	
103.10 Alarm Snapshot Temporal Filter Status Command	
103.11 Alarm Snapshot Spatial Filter Status Command	
103.12 Alarm xDSL Snapshot Status Command	
103.13 TCA xDSL Alarm Log Status Command	
103.14 OLT General Alarm Snapshot Status Command	
103.15 Alarm Vectoring Line Snapshot Status Command	 33
103.16 Alarm Vectoring Board Snapshot Status Command	
103.17 Alarm Electrical-to-Optical Conversion for Snapshot Status Command	
103.18 Authentication Alarms for Snapshot Status Command	
103.19 Alarm xDSL Bonding Snap Shot Status Command	
103.20 Alarm Redundancy Snapshot Status Command	
103.21 Alarm Custom Snapshot Status Command	
103.21 Alami Custom Shapshol Status Command	

xxiv 3HH-08079-FCEH-TCZZA Issue: 01

103.22 Alarm SFP Snapshot Status Command	
103.23 Alarm Custom External Snap Shot Status Command	
103.24 Alarm RSSI SFP Snapshot Status Command	.4461
103.25 Alarm PPP Cross-Connect Engine TCA Snapshot Status Command	4466
103.26 Ellid Alarm Status Command	
103.27 2xE1/DS1 SFP Clock Snapshot Status Command	
103.28 2xE1/DS1 SFP Framer Snapshot Status Command	4478
103.29 Epon Olt Sfp RSSI Snapshot Alarm Status Command	4482
103.30 Alarm Plug In Unit Extended Snap Shot Status Command	
103.31 Alarm Snap-shot SIP Server Status Command	
103.32 Alarm Snap-shot SIP VSP Status Command	
103.33 Alarm Snap-shot SIP Dial Plan Status Command	
103.34 Alarm Snap-shot SIP User Agent Status Command	
103.35 Alarm Snap-shot SIP Slot Status Command	
103.36 Alarm Snap-shot SIP Termination Status Command	
103.37 Alarm Snap-shot Secondary SIP Termination Status Command	
103.38 Alarm Snap-shot SIP Termination Status Command	
103.39 Alarm Snap-shot E1/T1 interface Status Command	4506
103.40 Alarm Snap-shot SIP Termination Status Command	
103.41 Alarm Snap-shot Pseudo Wire Status Command	
103.42 Alarm Snap-shot Megaco Media Gateway Status Command	
103.43 Alarm Snap-shot Megaco Signaling Gateway Status Command	
103.44 Alarm Snap-shot Megaco Plug Unit Status Command	4514
103.45 Alarm Snap-shot Megaco Termination Status Command	
103.46 Alarm Snap-shot Secondary Megaco Termination Status Command	
103.47 Alarm Snap-shot Megaco Signaling Lt Status Command	
103.48 Alarm Snap-shot E1 Status Command	
103.49 Alarm Snap-shot Shdsl Status Command	
103.50 Alarm Snap-shot Shdsl Status Command	
103.51 Alarm Snap-shot Ima-Group Status Command	
103.52 Alarm Snap-shot Ima-Link Status Command	4528
103.53 Alarm Snap-shot Ether-Tca Status Command	
103.54 Alarm Snap-shot Ether-Sfp Status Command	4532
103.55 Alarm Snap-shot Ether-Sfp Status Command	4534
103.56 Alarm Snap-shot SIP Termination Status Command	
103.57 Alarm Snap-shot SIP Termination Status Command	
103.58 Alarm File Transfer Server Status Command	4541
103.59 Alarm Lsm Redundancy Status Command	4542
103.60 Alarm L2 Forward Status Command	
103.61 Alarm Snap-shot External Device Status Command	4547
103.62 Alarm Snap-shot Multicast Source Status Command	
103.63 Vlanport Alarm Snapshot Status Command	
103.64 BGP Alarm SnapShot Status Command	
103.65 RIP Alarm SnapShot Status Command	
103.66 LAG Alarm SnapShot Status Command	4556
103.67 ihub-general Alarm SnapShot Status Command	
103.68 VPRN Alarm SnapShot Status Command	4560
103.69 ISIS Alarm SnapShot Status Command	
103.70 OSPF Alarm SnapShot Status Command	
103.71 ihub-l2forward Alarm SnapShot Status Command	
103.72 VPLS Alarm SnapShot Status Command	
103.73 IHUB-Equip Alarm SnapShot Status Command	
103.74 IHUB-link Alarm SnapShot Status Command	
103.74 In IOB-link Alarm ShapShot Status Command	
103.76 LDP Alarm SnapShot Status Command	4570
103.77 Alarm SnapShot MPLS Status Command	
103.78 Alarm SnapShot SDP Status Command	
103.79 IHUB IPV6 Alarm SnapShot Status Command	
103.80 Alarm SnapShot EPIPE Status Command	
103.81 Alarm SnapShot PIM Status Command	4587

Issue: 01 3HH-08079-FCEH-TCZZA xxv

103.82 IHUB Lawful Intercept Alarm SnapShot Status Command	4589
103.83 Sync Clock Alarm SnapShot Status Command	4591
103.84 Alarm Snapshot Equipment Supplemental Status Command	
103.85 Otdr Alarm SnapShot Status Command	4597
103.86 Management Security Access Alarm SnapShot Status Command	4603
103.87 IHUB BFD Alarm SnapShot Status Command	4605
103.88 Application Intelligence Alarm Snap-shot Status Command	4607
103.89 Alarm ONT SNMP Snapshot Status Command	4609
103.90 Tr069 Alarm Status Command	4611
103.91 Bulk Sync Alarm Log Status Command	
103.92 Protection Group Alarm Log Status Command	
103.93 Ont protection Alarm Snapshot Status Command	
103.94 ONT General Supplemental Alarm Snapshot Status Command	
103.95 SFU ONT General Supplemental Alarm Snapshot Status Command	
103.96 SOHO ONT General Supplemental Alarm Snapshot Status Command	4627
103.97 MDU ONT General Supplemental Alarm Snapshot Status Command	4631
103.98 ONT General Supplemental 2 Alarm Snapshot Status Command	
103.99 SFU ONT General Supplemental 2 Alarm Snapshot Status Command	
103.100 SOHO ONT General Supplemental 2 Alarm Snapshot Status Command	
103.101 MDU ONT General Supplemental 2 Alarm Snapshot Status Command	
103.102 LT CFM Alarm SnapShot Status Command	
103.103 IHUB CFM Alarm SnapShot Status Command	4649
103.104 Alarm SnapShot RSVP Status Command	4651
103.105 IPD eth-ring Alarm SnapShot Status Command	
103.106 EFM-OAM alarm Snap-shot Status Command	
103.107 ONT loop detect alarm Snap-shot Status Command	
103.108 ONT PLOAM Alarm Snapshot Status Command	
103.109 SFU ONT PLOAM Alarm Snapshot Status Command	
103.110 SOHO ONT PLOAM Alarm Snapshot Status Command	4668
103.111 MDU ONT PLOAM Alarm Snapshot Status Command	
103.112 ONT General Alarm Snapshot Status Command	
103.113 SFU ONT General Alarm Snapshot Status Command	
103.114 SOHO ONT General Alarm Snapshot Status Command	
103.115 MDU ONT General Alarm Snapshot Status Command	
103.116 Alarm SnapShot ONT SUBSCRIBER CARD Status Command	
103.117 Alarm SnapShot ONT SERVICES POTS Status Command	
103.118 Alarm SnapShot ONT SERVICES LAN Status Command	
103.119 ONT TCA Alarm Log Status Command	
103.120 Alarm SnapShot ONT TC TCA Status Command	
103.121 Alarm SnapShot ONT L2 UNI Ethernet TCA Status Command	
103.123 Alarm SnapShot OLT PON Utilization TCA Status Command	
103.124 Alarm SnapShot OLT Channel Pair Utilization TCA Status Command	
103.126 Alarm SnapShot ONT POTS SUPPLEMENTAL Status Command	
103.127 Alarm SnapShot ONT VEIP Status Command	
103.128 Alarm SnapShot ONT IP HOST Status Command	
103.129 Alarm Table Snapshot Status Command	
103.130 Alarm SnapShot ONT VIDEO Status Command	
103.131 Alarm SnapShot ONT CES Status Command	
103.132 Alarm SnapShot ONT VOIP Status Command	
103.133 Alarm SnapShot ONT VIDEO ANI Status Command	
103.134 Alarm SnapShot ONT PWE Status Command	
103.135 Alarm SnapShot ONT CESE1 Status Command	
103.136 Alarm SnapShot ONT CESET Status Command	
103.137 Alarm SnapShot ONT XDSL Status Command	
103.138 Alarm SnapShot ONT HPNA Status Command	
103.139 Alarm SnapShot ONT SIP AGENT CFG Status Command	
103.140 Alarm SnapShot ONT VOIP CFG Status Command	
103.141 Alarm SnapShot ONT MGC Status Command	
10011117 Maint Ghaponot Citt MCO Giatao Commana 1111111111111111111111111111111111	01

xxvi 3HH-08079-FCEH-TCZZA Issue: 01

103.142 Alarm Snapshot ONT MoCA Status Command	4759
103.143 ONT MoCA Threshold Crossing Alert (TCA) Alarm Snapshot Status Command .	
103.144 Auto-Switch Alarm Snapshot Status Command	4763
103.145 Ont Configuration Download Snapshot Status Command	
103.146 Alarm Snapshot Channel Pair OLT TC TCA Status Command	
103.147 Alarm Snapshot Channel Pair Status Command	
103.148 HGU TR069 Snapshot Status Command	
103.149 Equipment Holder Alarm Extended Log Status Command	4778
103.150 Ethernet Ring Alarm SnapShot Status Command	
103.151 Lldpmed Alarm Snapshot Status Command	
103.152 Alarm Snap-shot Lag-group Status Command	
103.153 Alarm Snap-shot 40GBase-KR4 fcs exceed Status Command	4787
104- Current Alarm Status Commands	4789
104.1 Current Alarm Status Command Tree	4793
104.2 Alarm Current Status Command	
104.3 Equipment Current Alarm Status Command	
104.4 Equipment Holder Current Alarm Status Command	
104.5 Equipment Holder Extended Current Alarm Status Command	
104.6 Plug-in Unit Current Alarm Status Command	
104.7 ATM Current Alarm Status Command	
104.8 Ethernet Interface Current Alarm Status Command	
104.9 Software Management Current Alarm Status Command	
104.10 Temporal Filter Current Alarm Status Command	
104.11 Spatial Filter Current Alarm Status Command	
104.12 xDSL Current Alarm Status Command	
104.13 TCA xDSL Current Alarm Status Command	
104.14 OLT General Current Alarm Status Command	
104.15 Vectoring Line Current Alarm Status Command	
104.16 Vectoring Board Current Alarm Status Command	
104.17 Electrical-to-Optical Conversion Current Alarm Status Command	4846
104.18 Authentication Current Alarm Status Command	4848
104.19 xDSL Bonding Current Alarm Status Command	4851
104.20 Redundancy Current Alarm Status Command	4854
104.21 Custom Current Alarm Status Command	4855
104.22 SFP Current Alarm Status Command	
104.23 Custom External Current Alarm Status Command	
104.24 SFP RSSI Current Alarm Status Command	
104.25 PPP Cross-Connect Engine TCA Current Alarm Status Command	4870
104.26 Epon Olt Sfp RSSI Current Alarm Status Command	
104.27 2xE1/DS1 SFP Clock Current Alarm Status Command	
104.28 2xE1/DS1 SFP Framer Alarm Status Command	
104.29 Plug In Unit Extended Current Alarm Status Command	4883
104.30 SIP Server Current Alarm Status Command	
104.31 SIP VSP Current Alarm Status Command	
104.32 SIP Dial Plan Current Alarm Status Command	
104.33 SIP User Agent Current Alarm Status Command	
104.34 SIP Slot Current Alarm Status Command	
104.35 SIP Termination Current Alarm Status Command	
104.36 Secondary SIP Termination Current Alarm Status Command	
104.37 SIP Termination Current Alarm Status Command	
104.38 E1T1 Interface Current Alarm Status Command	
104.39 SIP Termination Current Alarm Status Command	
104.40 Pseudo Wire Current Alarm Status Command	
104.41 Megaco Media Gateway Current Alarm Status Command	
104.42 Megaco Signaling Gateway Current Alarm Status Command	
104.43 Megaco Plugin Unit Current Alarm Status Command	
104.44 Megaco Termination Current Alarm Status Command	
104 45 Secondary Megaco Termination Current Alarm Status Command	4920

Issue: 01 3HH-08079-FCEH-TCZZA xxviii

104.46 Megaco Signaling Lt Current Alarm Status Command	
104.47 E1Current Alarm Status Command	
104.48 Shdsl Current Alarm Status Command	4926
104.49 Shdsl Current Alarm Status Command	
104.50 Ima-Group Current Alarm Status Command	
104.51 Ima-Link Current Alarm Status Command	4932
104.52 Alarm Current Ether-Tca Status Command	4934
104.53 Alarm Current Ether-Sfp Status Command	4936
104.54 Alarm Current Ether-Sfp Status Command	4938
104.55 Alarm Current Qos Slot Status Command	
104.56 Alarm Current Qos Queue Status Command	
104.57 Alarm File Transfer Server Status Command	
104.58 Alarm LSM Redundancy Status Command	
104.59 Alarm L2 Forward Status Command	
104.60 Alarm Current External Device Status Command	
104.61 Multicast Source Current Alarm Status Command	
104.62 Vlanport Current Alarm Status Command	
104.63 BGP Current Alarm Status Command	
104.64 RIP Current Alarm Status Command	
104.65 LAG Current Alarm Status Command	
104.66 ihub-general Current Alarm Status Command	4062
104.67 VPRN Current Alarm Status Command	
104.68 ISIS Current Alarm Status Command	
104.69 Ospf Current Alarm Status Command	
104.70 ihub-l2forward Current Alarm Status Command	
104.71 VPLS Current Alarm Status Command	
104.72 IHUB-Equip Current Alarm Status Command	
104.73 ihub-link Current Alarm Status Command	
104.74 ihub-tca Current Alarm Status Command	
104.75 LDP Current Alarm Status Command	
104.76 MPLS Current Alarm Status Command	
104.77 SDP Current Alarm Status Command	
104.78 IHUB IPV6 Current Alarm Status Command	
104.79 EPIPE Current Alarm Status Command	
104.80 PIM Current Alarm Status Command	
104.81 IHUB Lawful Intercept Current Alarm Status Command	4993
104.82 Sync Clock Current Alarm Status Command	4995
104.83 Equipment Supplemental Current Alarm Status Command	4999
104.84 Otdr Current Alarm Status Command	5001
104.85 Management Security Access Current Alarm Status Command	5007
104.86 IHUB BFD Current Alarm Status Command	5009
104.87 Application Intelligence Current Alarm Status Command	
104.88 Tr069 Alarm Status Command	5013
104.89 ONT SNMP Current Alarm Status Command	5015
104.90 Bulk Sync Alarm Log Status Command	5017
104.91 Protection Group Alarm Log Status Command	
104.92 Ont protection Alarm Log Status Command	
104.93 ONT General Supplemental Current Alarm Status Command	5023
104.94 SFU ONT General Supplemental Current Alarm Status Command	
104.95 SOHO ONT General Supplemental Current Alarm Status Command	
104.96 MDU ONT General Supplemental Current Alarm Status Command	
104.97 ONT General Supplemental 2 Current Alarm Status Command	
104.98 SFU ONT General Supplemental 2 Current Alarm Status Command	
104.99 SOHO ONT General Supplemental 2 Current Alarm Status Command	
104.100 MDU ONT General Supplemental 2 Current Alarm Status Command	
104.101 Ellid Alarm Status Command	
104.102 Ima-Group Alarm Log Status Command	
104.102 Ima-Group Alarm Log Status Command	
104.104 Ima-Group Alarm Log Status Command	
104.105 Ima-Group Alarm Log Status Command	2010

xxviii 3HH-08079-FCEH-TCZZA Issue: 01

104.106 Ima-Group Alarm Log Status Command 104.107 LT CFM Current Alarm Status Command 104.108 IHUB Eth Cfm Current Alarm Status Command 104.109 RSVP Current Alarm Status Command 104.110 IPD eth-ring Current Alarm Status Command 104.111 EFM-OAM Current Alarm Status Command 104.112 Ont loop detect Current Alarm Status Command 104.113 ONT PLOAM Current Alarm Status Command 104.113 ONT PLOAM Current Alarm Status Command 104.114 SFU ONT PLOAM Current Alarm Status Command 104.115 SOHO ONT PLOAM Current Alarm Status Command 104.116 MDU ONT PLOAM Current Alarm Status Command 104.117 ONT General Current Alarm Status Command 104.118 SFU ONT General Current Alarm Status Command 104.119 SOHO ONT General Current Alarm Status Command 104.120 MDU ONT General Current Alarm Status Command 104.120 MDU ONT General Current Alarm Status Command 104.121 ONT SUBSCRIBER CARD Current Alarm Status Command 104.122 ONT SERVICES POTS Current Alarm Status Command 104.124 ONT TCA Current Alarm Status Command 104.125 ONT TC TCA Current Alarm Status Command 104.125 ONT TC TCA Current Alarm Status Command 104.126 ONT L2 UNI Ethernet TCA Current Alarm Status Command 104.127 OLT PON Utilization TCA Current Alarm Status Command 104.128 OLT PON Utilization TCA Current Alarm Status Command 104.129 OLT Channel Pair Utilization TCA Current Alarm Status Command 104.128 ONT VEIP Current Alarm Status Command 104.129 ONT FOTS SUPPLEMENTAL Current Alarm Status Command 104.130 ONT POTS SUPPLEMENTAL Current Alarm Status Command 104.131 ONT POTS SUPPLEMENTAL Current Alarm Status Command 104.132 ONT VEIP Current Alarm Status Command 104.133 ONT VIDEO Current Alarm Status Command 104.134 ONT VIDEO Current Alarm Status Command 104.135 ONT VIDEO Current Alarm Status Command 104.136 ONT VIDEO Current Alarm Status Command 104.137 ONT VIDEO Current Alarm Status Command 104.138 ONT VIDEO Current Alarm Status Command 104.138 ONT VIDEO Current Alarm Status Command 104.138 ONT VIDEO Current Alarm Status Command	5084 5086 5088 5090 5092 5094 5097 51101 5125 5129 5131 5136 5140 5154 5156 5159 5161 5163 5164 5166 5168
104.142 ONT XDSL TCA Current Alarm Status Command	
104.144 ONT SIP AGENT CFG Current Alarm Status Command	
104.145 ONT VOIP CFG Current Alarm Status Command	
104.146 ONT MGC Current Alarm Status Command	
104.147 ONT MoCA Current Alarm Status Command	
104.149 Auto-Switch Current Alarm Status Command	
104.150 Channel Pair Current Alarm Status Command	
104.151 Channel Pair OLT TC TCA Current Alarm Status Command	204
104.152 Ont Configuration Download Current Alarm Status Command	206
104.153 HGU TR069 Current Alarm Status Command	209
104.154 Equipment Holder Extended Current Alarm Status Command 5	214
104.155 Ethernet Ring Current Alarm Status Command	215
104.156 LldpMed Current Alarm Status Command	217
104.157 Lag group Current Alarm Status Command	219
104.158 40GBase-KR4 fcs exceed Current Alarm Status Command	ZZ 1
105- ATM Status Commands 52	223
105.1 ATM Status Command Tree	224
105.2 ATM Interface Status Command	
105.3 PVC Status Command	227
105.4 TC Adapter Protocol Interval Status Command	

Issue: 01 3HH-08079-FCEH-TCZZA xxix

	105.5 TC Adapter Protocol Current Quarter Performance Data Command	
	105.7 TC Adapter Protocol Performance Data for Previous Quarter Intervals Command	
	105.8 TC Adapter Protocol Performance Data for Previous Day Intervals Command	
10	06- VLAN Status Commands	5239
	106.1 VLAN Status Command Tree	. 5240
	106.2 Global VLAN Status Command	
	106.3 Residential Bridge VLAN Summary Status Command	
	106.4 Residential Bridge VLAN Extensive Status Command	
	106.5 Cross-connect VLAN Status Command	. 5251
	106.6 Stacked VLAN Status Command	
	106.7 Stacked QoS VLAN Status Command	. 5258
	106.8 QoS C-VLAN Status Command	. 5260
	106.9 Layer-2 Terminated VLAN Status Command	. 5261
	106.10 VLAN Name Mapping Status Command	
	106.11 VLAN Filtering Database Per LIM Status Command	
	106.12 Bridge Port Filtering Database Status Command	
	106.13 VLAN Priority Regeneration Profile Status Command	
	106.14 VLAN Priority Regeneration Profile Name Status Command	
	106.15 Show Next Free ID of VLAN Priority Regeneration Profile	
	106.16 Duplicate MAC Alarm Status Command	
	106.17 Port Event Status Command	. 5282
	106.18 Port Statistics for Current Quarter Status Command	
	106.19 Port Statistics for Current Day Status Command	
	106.20 Port Statistics for Previous Quarter Intervals Status Command	
	106.21 Port Statistics for Previous Day Intervals Status Command	
	106.22 VLAN Port Statistics for Current Quarter Status Command	
	106.23 VLAN Port Statistics for Current Day Status Command	
	106.24 VLAN Port Statistics for Previous Quarter Intervals Status Command	
	106.25 VLAN Port Statistics for Previous Day Intervals Status Command	
	106.26 VLAN Filtering Database Status Command	
	106.27 P-bit Traffic Counters Status Command	
	106.29 Accumulated Port Statistics	
	100.23 Accumulated Fort Statistics	. 5521
10	07- QOS Status Commands	5324
	107.1 QOS Status Command Tree	. 5326
	107.2 QoS Session Profile Status Command	. 5328
	107.3 QoS Marker Profile Status Command	
	107.4 QoS Policer Profile Status Command	
	107.5 QoS Queue Profile Status Command	. 5331
	107.6 QoS Scheduler Node Profile Status Command	. 5332
	107.7 QoS CAC Profile Status Command	. 5333
	107.8 QoS Policy Profile Status Command	
	107.9 QoS L2 Filter Profile Status Command	
	107.10 QoS L3 Filter Profile Status Command	
	107.11 QoS Policy Action Profile Status Command	
	107.12 QoS IngressQoS Profile Status Command	
	107.13 QoS Shaper Profile Status Command	
	107.14 QoS Bandwidth Profile Status Command	
	107.15 QoS Rate Limit Profile Status Command	
	107.16 QoS DSCP to PBIT Profile Status Command	
	107.17 QoS Policer Per Tc Profile Status Command	
	107.18 QoS Policer Threshold Profile Status Command	
	107.19 QoS aggrQueuesConfig Profile Status Command	5345
	107.20 QoS Ingress filter Resource Usage Status Command	
	107.21 QoS DSL Bandwidth Status Command	
	TOTAL CAN SOLUCIO DE LO GIUNNO DE LO GIUNO COLUMNO DO COLUMNO DE LA COLU	

xxx 3HH-08079-FCEH-TCZZA Issue: 01

107.23 QoS Ethernet Bandwidth Status Command	5352
107.24 QoS Interface Bandwidth Status Command	
107.25 QoS Total Buffer Overflow Statistics for Previous Quarter	
107.26 QoS Total Buffer Overflow Statistics for Current Quarter	
107.27 QoS Total Buffer Overflow Statistics for Previous Day Command	
107.28 QoS Total Buffer Overflow Statistics for Current Day	
107.29 QoS Total Buffer Overflow Statistics Total Status Command	
107.30 QoS Interface Buffer Overflow Statistics for Previous Quarter	
107.31 QoS Interface Buffer Overflow Statistics for Current Quarter	
107.32 QoS Fan Out Statistics for Previous Quarter	
107.33 QoS Fan Out Statistics for Current 15 minutes	
107.34 QoS Fan Out Statistics for Previous Day	5387
107.35 QoS Fan Out Statistics for Current Day	5389
107.36 QoS LT Queue Overflow Statistics for Previous Quarter	
107.37 QoS LT Queue Overflow Statistics for current Quarter	
107.38 QoS Interface Color Queue Statistics for Previous 15 minutes Quarter	
107.39 QoS Interface Color Queue Statistics for Current 15 minutes Quarter	
107.40 QoS TC2QMapping Status Command	
107.41 QoS Bandwidth Profile Actuals Command	5406
108- ARP-RELAY Status Commands	5408
108.1 ARP-RELAY Status Command Tree	
108.2 ARP-RELAY statistics Status Command	
108.3 ARP-RELAY summary statistics Status Command	5412
108.4 ARP-RELAY detailed statistics Status Command	5415
400 a DOL Olates Commanda	F 440
109- xDSL Status Commands	5419
109.1 xDSL Status Command Tree	5421
109.2 xDSL Profiles Status Command	
109.3 xDSL PM Interval Per Interface Status Command	
109.4 xDSL Operational Data Near End Line Status Command	
109.5 xDSL Operational Data Near End Channel Status Command	
109.6 xDSL Operational Data Far End Line Status Command	
109.7 xDSL Operational Data Far End Channel Status Command	
109.8 xDSL Operational Data Statistics	
109.9 xDSL Carrier Data Near End Status Command	
109.10 xDSL Carrier Data Far End Status Command	
109.11 xDSL Failure Status Near End Status Command	5467
109.12 xDSL Failure Status Far End Status Command	5470
109.13 xDSL Vectored Line Failure Status Command	5473
109.14 xDSL Vectoring Board Failure Status Command	5475
109.15 xDSL Counters Near End Line Current 15 Min	
109.16 xDSL Counters Near End Line Current Day	
109.17 xDSL Counters Near End Line Previous 15 Min	
109.18 xDSL Counters Near End Of Line Previous Day	
109.19 xDSL Counters Near End Channel Current 15 Min	
109.20 xDSL Counters Near End Channel Current Day	
109.21 xDSL Counters Near End Channel Previous 15 Min	
109.22 xDSL Counters Near End Channel Previous Day	
109.23 xDSL Counters Far End Line Current 15 Min	5497
109.24 xDSL Counters Far End Line Current Day	5499
109.25 xDSL Counters Far End Line Previous 15 Min	5501
109.26 xDSL Counters Far End Line Previous Day	
	5504
109.27 xDSL Counters Far End Channel Current 15 Min	5507
109.27 xDSL Counters Far End Channel Current 15 Min	5507 5509
109.27 xDSL Counters Far End Channel Current 15 Min	5507 5509 5511
109.27 xDSL Counters Far End Channel Current 15 Min 109.28 xDSL Counters Far End Channel Current Day 109.29 xDSL Counters Far End Channel Previous 15 Min 109.30 xDSL Counters Far End Channel Previous Day	5507 5509 5511 5513
109.27 xDSL Counters Far End Channel Current 15 Min	5507 5509 5511 5513 5515

Issue: 01 3HH-08079-FCEH-TCZZA xxxi

109.33 xDSL Board Capability Status Command	
109.34 xDSL Low Rate Alarm Timestamp Command	
109.35 xDSL Low Rate Alarm Line Bitmap Status Command	5526
109.36 xDSL Low Rate Alarm Linkup Record Data Command	5527
109.37 xDSL INS Near End Operational Data Status Command	5530
109.38 xDSL INS Near End Current 15Min Data Status Command	5532
109.39 xDSL INS Near End Current 15Min IAT Histogram	5533
109.40 xDSL INS Near End Current 15Min EINP Histogram	5534
109.41 xDSL INS Near End Current Day Data Status Command	
109.42 xDSL INS Near End Current Day IAT Histogram	5536
109.43 xDSL INS Near End Current Day EINP Histogram	5537
109.44 xDSL INS Near End Previous 15Min Data Status Command	
109.45 xDSL INS Near End Previous 15Min IAT Histogram	
109.46 xDSL INS Near End Previous 15Min EINP Histogram	
109.47 xDSL INS Near End Previous Day Data Status Command	
109.48 xDSL INS Near End Previous Day IAT Histogram	
109.49 xDSL INS Near End Previous Day EINP Histogram	5542
109.49 XDSL INS Neal Ella Previous Day EINF Histografi	5543
109.50 xDSL INS Far End Operational Data Status Command	
109.51 xDSL INS Far End Current 15Min Data Status Command	
109.52 xDSL INS Far End Current 15Min IAT Histogram	
109.53 xDSL INS Far End Current 15Min EINP Histogram	
109.54 xDSL INS Far End Current Day Data Status Command	5549
109.55 xDSL INS Far End Current Day IAT Histogram	5550
109.56 xDSL INS Far End Current Day EINP Histogram	5551
109.57 xDSL INS Far End Previous 15Min Data Status Command	5552
109.58 xDSL INS Far End Previous 15Min IAT Histogram	
109.59 xDSL INS Far End Previous 15Min EINP Histogram	
109.60 xDSL INS Far End Previous Day Status Command	
109.61 xDSL INS Far End Previous Day IAT Histogram	
109.62 xDSL INS Far End Previous Day EINP Histogram	5557
109.63 xDSL Downstream Vectoring Disturberlist Status Command	5558
109.64 xDSL Upstream Vectoring Disturberlist Status Command	5560
109.65 xDSL Downstream Vectoring Disturberlist Status Command	5562
109.66 xDSL Vectoring Carrier Data Near End Status Command	
109.67 xDSL Vectoring Carrier Data Far End Status Command	5567
109.68 xDSL Vectoring Processing Board Status Command	
109.69 xDSL Vectoring Processing Group Status Command	
Tooloo AB DE Tooloomig Toolooning Group Gladad Gommana T.	20.0
440. O - o Comment Comp De te Otation O - money la	<u>-</u> -
110- Configuration Data Status Commands	5576
110.1 Configuration Data Status Command Tree	5577
110.2 xDSL Port Configuration Status Command	5578
110.3 xDSL Port ATM Configuration Status Command	
110.4 xDSL Port ATM Interface Configuration Status Command	
110.5 xDSL Port Interface Configuration Status Command	
110.6 xDSL IGMP Configuration Status Command	
110.7 xDSL Security PAE Configuration Status Command	5592
110.8 xDSL BridgePort Configuration Status Command	
110.9 xDSL QoS Configuration Status Command	
110.10 xDSL PPPoX Relay Configuration Status Command	
110.11 xDSL Bonding Group Configuration Status Command	
110.11 ADDE Bonding Group Configuration Status Confinance	2000
444 Occupational Data Otation C	- ^ ^ -
	5605
111.1 Operational Data Status Command Tree	5606
111.2 xDSL Port Operational Status Command	
111.3 xDSL BridgePort Operational Status Command	
111.4 xDSL Port ATM Operational Status Command	
111.5 xDSL Port Interface Configuration Status Command	
111.6 xDSL IGMP Operational Status Command	
111.7 xDSL Port Ip Bridge Operational Status Command	

3HH-08079-FCEH-TCZZA Issue: 01 xxxii

111.8 xDSL QoS Opertaional Status Command	. 5622
112- Gpon xDSL Status Commands	5624
112.1 Gpon xDSL Status Command Tree	. 5625
112.2 Gpon xDSL Profiles Status Command	
112.3 Gpon xDSL PM Interval Per Interface Status Command	
112.4 Gpon xDSL Operational Data Near End Line Status Command	
112.5 Gpon xDSL Operational Data Near End Channel Status Command	
112.6 Gpon xDSL Operational Data Far End Line Status Command	
112.7 Gpon xDSL Operational Data Far End Channel Status Command	56/1
112.8 Gpon xDSL Carrier Data Near End Status Command	
112.9 Gpon xDSL Carrier Data Far End Status Command	
112.10 Gpon xDSL Failure Status Near End Status Command	
112.11 Gpon xDSL Failure Status Far End Status Command	
112.12 Gpon xDSL Counters Near End Line Current 15 Min	
112.13 Gpon xDSL Counters Near End Line Previous 15 Min	
112.14 Gpon xDSL Counters Near End Channel Current 15 Min	
112.15 Gpon xDSL Counters Near End Channel Previous 15 Min	
112.16 Gpon xDSL Counters Far End Line Current 15 Min	
112.17 Gpon xDSL Counters Far End Line Previous 15 Min	
112.18 Gpon xDSL Counters Far End Channel Current 15 Min	
112.19 Gpon xDSL Counters Far End Channel Previous 15 Min	
112.20 Gpon xDSL XTU-R Inventory Status Command	
112.21 Gpon xDSL XTU-C Inventory Status Command	. 5675
440 - POL Para l'ara Otata a Camana la	F077
113- xDSL Bonding Status Commands	5677
113.1 xDSL Bonding Status Command Tree	. 5678
113.2 xDSL Bonding Group Profiles Status Command	. 5679
113.3 xDSL Bonding Group Rtx Profiles Status Command	. 5681
113.4 xDSL Bonding Near End Operational Data Status Command	. 5683
113.5 xDSL Bonding Far End Operational Data Status Command	. 5685
113.6 xDSL Bonding Group Operational Data Command	
113.7 xDSL Bonding Link Operational Data Command	
113.8 xDSL Bonding Near End Failure Status Command	
113.9 xDSL Bonding Far End Failure Status Command	
113.10 xDSL Bonding Group Failure Status Command	. 5696
113.11 xDSL Bonding Group Summary Info Command	
113.12 xDSL Bonding actual PTM Initialization Mode status command	
114- PPPoE Status Commands	5700
114.1 PPPoE Status Command Tree	
114.2 PPPoE Client Emulation Status Command	
114.3 PPPoE Interface Status Command	. 5706
115- PPPoEL2 Statistics Status Commands	5709
115.1 PPPoEL2 Statistics Status Command Tree	
115.2 PPPoEL2 Statistics Status Command	
115.3 PPPoEL2 detailed Statistics Status Command	
115.4 PPPoEL2 On-demand Statistics Status Command	. 5716
116- Pon Status Commands	5719
116.1 Pon Status Command Tree	
116.2 PON Bit Error Status Command	
116.3 Aggregate Pon Gem Port Current Interval Status Command	
116.4 Aggregate Pon Gem Port Previous Interval Status Command	
116.5 Multicast TC-layer Current Interval Performance Data Status Command	
110.0 manioast 10 layer outrent interval i enormance Data Status Command	. 2120

Issue: 01 3HH-08079-FCEH-TCZZA xxxiii

	116.6 Multicast TC-layer Previous Interval Performance Data Status Command	
	116.7 Pon FEC Current Interval Status Command	
	116.8 Pon Physical LayerCurrent Interval Status Command	
	116.9 PON XGPON tc-layer Current Interval Status Command	
	116.10 PON XGPON TC-layer Previous Interval Performance Data Status Command	
	116.11 PON Optics Operational Information Status Command	
	116.12 PON Software Download Status Command	
	116.13 PON Optics Status Command	5/44
	116.14 PON Diagnostic Status Command	
	116.15 Show Pon Unprovisioned Onu Command	
	116.16 PON Configure File Download Status Command	5/50
	116.17 PON Utilization Current Interval PM Command	
	116.18 PON Utilization Current Interval Top Five ONT Downstream PM Command	
	116.19 PON Utilization Current Interval Top Five ONT Upstream PM Command	
	116.21 PON Utilization Previous Interval Top Five ONT Downstream PM Command	
	116.22 PON Utilization Previous Interval Top Five ONT Upstream PM Command	
	116.23 PON Peak Utilization Current Interval PM Command	
	116.24 PON Peak Utilization Current Interval Top Five ONT Downstream PM Command	
	116.25 PON Peak Utilization Current Interval Top Five ONT Upstream PM Command	
	116.26 PON Peak Utilization Previous Interval PM Command	
	116.27 PON Peak Utilization Previous Interval Top Five ONT Downstream PM Command	
	116.28 PON Peak Utilization Previous Interval Top Five ONT Upstream PM Command	
	110.20 1 Ott 1 Cak Chinzahorr revious interval reprive Ott Opencam in Command	2770
11	7- Channel Pair Status Commands	5780
•		
	117.1 Channel Pair Status Command Tree	
	117.2 Aggregate Channel Pair XGEM Ports Current Interval Status Command	
	117.3 Aggregate Channel Pair XGEM Ports Previous Interval Status Command	
	117.4 Multicast TC-layer Current Interval Performance Data Status Command	
	117.5 Multicast TC-layer Previous Interval Performance Data Status Command	
	117.6 Pon FEC Current Interval Status Command	
	117.7 Channel Pair Physical Layer Current Interval Status Command	
	117.8 Channel pair NGPON2 tc-layer Current Interval Status Command	5794
	117.10 PON Optics Operational Information Status Command	
	117.11 Channel Pair Optics Status Command	
	117.12 NGPON2 Diagnostic Status Command	
	117.13 Show Channel Pair Unprovisioned Onu Command	
	117.14 Channel Pair Utilization Current Interval PM Command	
	117.15 Channel Pair Utilization Current Interval Top Five ONT Downstream PM Command	5810
	117.16 Channel Pair Utilization Current Interval Top Five ONT Upstream PM Command	
	117.17 Channel Pair Utilization Previous Interval PM Command	
	117.18 Channel Pair Utilization Previous Interval Top Five ONT Downstream PM Command.	
	117.19 Channel Pair Utilization Previous Interval Top Five ONT Upstream PM Command	
	117.20 Channel Pair Peak Utilization Current Interval PM Command	
	117.21 Channel Pair Peak Utilization Current Interval Top Five ONT Downstream PM Comma	
	· 	
	117.22 Channel Pair Peak Utilization Current Interval Top Five ONT Upstream PM Command	5826
	117.23 Channel Pair Peak Utilization Previous Interval PM Command	
	117.24 Channel Pair Peak Utilization Previous Interval Top Five ONT Downstream PM Comm	a 5183 30
	117.25 Channel Pair Peak Utilization Previous Interval Top Five ONT Upstream PM Comman	
		•
		=
11	• • • • • • • • • • • • • • • • • • •	5834
	118.1 Uni Ont Gem-port Status Command Tree	5835
	118.2 Uni Gem-port Olt-side Current Interval Status Command	5836
	118.3 Uni Gem-port Olt-side Previous Interval Status Command	
	118.4 Uni Gem-port Ont-side Current Interval Status Command	5840

xxxiv 3HH-08079-FCEH-TCZZA Issue: 01

118.5 Uni Gem-port Ont-side Previous Interval Status Command	. 5842
119- CES Show Commands	5844
119.1 CES Show Command Tree	501F
119.1 CES Sourion Operational Information	. DO40
119.2 CES Service Operational Information	
119.3 CESPW Service Current Interval Statistics Command	
119.4 CESPW Service Previous Interval Statistics Command	
119.5 Current Interval OLT side PM status Command	
119.6 Previous Interval OLT side PM status Command	. 5854
119.7 Current Interval ONT side PM status Command	. 5856
119.8 Previous Interval ONT side PM status Command	. 5858
119.9 CESUNI Current Interval PM status Command	
119.10 CESUNI Previous Interval PM status Command	
113.10 OLGONIT Tevious interval i Wistatus Command	. 5002
120- ANI ONT Show Commands	5864
120.1 ANI ONT Show Command Tree	5865
120.2 ANI ONT Operational-Data Status Command	
120.3 ANI ONT Video Status Command	
120.4 ANI ONT Video Stats Command	. 5871
121- L2UNI Show Commands	5873
121.1 L2UNI Show Command Tree	587/
121.2 Current L2UNI ONT Status Command	
121.3 Previous L2UNI ONT Status Command	
121.4 Current L2UNI ONT Status Command	
121.5 Previous L2UNI ONT Status Command	
121.6 Current L2UNI ONT Status Command	. 5891
121.7 Previous L2UNI ONT Status Command	. 5895
121.8 Show muticast subscriber monitor Command	
121.9 Show active group list	
121.3 Chow douve group hot	. 500
122- HPNA Show Commands	5903
122.1 HPNA Show Command Tree	5904
122.2 Current HPNA ONT Status Command	
122.3 Previous L2UNI ONT Status Command	. 5908
123- Voice Ont IP Host Show Commands	5913
123.1 Voice Ont IP Host Show Command Tree	E01/
123.2 ONT IP Host Operational Data Status Command	
123.3 ONT IP Host Current 15min Statistics Status Command	. 5918
124- MoCA Status Commands	5921
124.1 MoCA Status Command Tree	
124.2 MoCA ONT Uni Operational Data Status Command	
124.3 MoCA ONT Current PM Data Status Command	. 5926
124.4 MoCA ONT Historical PM Data Status Command	. 5928
125- Epon Status Commands	5930
•	
125.1 Epon Status Command Tree	
125.2 EPON Optics Status Command	
125.3 Epon Profile Status Command	. 5936
125.4 Epon Queue Profile Status Command	
125.5 Epon Filter Profile Status Command	
125.6 Epon Digitmap Profile Status Command	
125.7 Epon Alarm Control Profile Status Command	

Issue: 01 3HH-08079-FCEH-TCZZA xxxv

125.8 Epon Pon Interface Status Command 125.9 Epon Pon Interface Current 15min Status Command 125.10 Epon Pon Interface Current 1day Status Command 125.11 Epon Pon Interface Previous 15min Status Command 125.12 Epon Pon Interface Previous 15min Status Command 125.13 Epon Pon Interface Previous 1Day Status Command 125.14 Epon Pon Interface Previous 1Day Status Command 125.15 Epon Pon Interface Information Command 125.16 EPON Rogue Onu Test Result 125.17 Ima-Group Alarm Log Status Command	5942 5946 5950 5951 5955 5960 5960
	5970
126.1 Interface Status Command Tree 126.2 Interface Alarm Status Command 126.3 Physical Interface Status Command 126.4 Interface Status Command 126.5 Interface Test Status Command 126.6 Interface Stack Status Command 126.7 Interface Extensive Status Command 126.8 Interface Troubleshooting Ethernet Statistics Commands	5972 5974 5975 5986 5992 6002 6004
126.9 Interface Sliding-Window Traffic Statistics Command	6007
	6012
127.1 SNTP Status Command Tree	
	6015
128.1 SNTP Server Command Tree	
129- SNTP Server Commands	6018
129.1 SNTP Server Command Tree	
130- System Status Commands	6021
130.1 System Status Command Tree 130.2 System Statistics Command 130.3 System Licenses Status Command 130.4 System License Usage Command 130.5 System Clock Status Command 130.6 Show syslog parameters 130.7 System Memory Usage Status Command 130.8 System CPU Load Status Command 130.9 System Compact Flash Usage Status Command 130.10 System CDE Command 130.11 System CDE Extended Command 130.12 System Clock Management Status Command 130.13 PTP master clock device detailed information Command 130.14 PTP client detailed information Command 130.15 System Clock Management ToD Status Command 130.16 System T4 Clock Management Status Command 130.17 System Clock IEEE1588 master profile detailed info command 130.18 System Clock Management IEE1588 Status Command	6023 6024 6029 6031 6033 6034 6036 6041 6042 6045 6045 6053 6056 6057
130.19 System Clock IEEE1588 current master detailed info Command	.6063

xxxvi 3HH-08079-FCEH-TCZZA Issue: 01

		Content
	130.22 System TechSupport Status Command	6068
	130.23 show system fips	6071
	130.24 System Autoboot file timestamps Command	
1:	31- daylight saving time Status Commands	6073
	131.1 daylight saving time Status Command Tree	6074
	131.2 daylight saving time Status Commands	6075
1:	32- DST Configuration Commands	6076
	132.1 DST Configuration Command Tree	
	132.2 DST Recurring method Command	
		2225
1,	33- DST Configuration Commands	6095
	133.1 DST Configuration Command Tree	
	133.2 DST Date method Command	6097
1:	34- Transaction Status Commands	6099
	134.1 Transaction Status Command Tree	6100
	134.2 Transaction Log Status Command	6101
	134.3 Transaction Log Entry Status Command	6103
1:	35- Error Status Command	6104
- 1	135.1 Error Status Command Tree	
	135.2 Error Log Status Command	
1 '	36- Software Status Commands	6108
١,	136.1 Software Status Command Tree	
	136.2 Database Status Command	
	136.3 Disk Status Command	
	136.4 Overall Software Package Status Command	
	136.5 Software Management Upgrade Plan Command	
	136.6 Software Management Upgrade Status Command	
	136.7 Software Package Status Command	
	136.8 File Status Command	
	136.9 Upload/Download Status Command	6125
	136.10 Upload/Download Sub-directory Status Command	
	136.11 Software Version For ANSI Status Command	
	136.12 Software Version For ETSI Status Command	
	136.13 TLS CA file download Status Command	
	136.14 Lightspan Migration Status Command	
	136.15 lacm OAM DB save Status Command	
	136.16 Upload/Download Sw ONTSw Status Command	6136
1;	37- Software Load Validation Commands	6137
	137.1 Software Load Validation Command Tree	6138
	137.2 Overall Software Load Validation Status Command	
	137.3 Software Load Validation Root Certificate Display Command	
	137.4 Software Load Validation Status of SWP files Command	
1:	38- CDE Status Commands	6144
- •	138.1 CDE Status Command Tree	-
	138.2 CDE download Status Command	

Issue: 01 3HH-08079-FCEH-TCZZA xxxvii

139- IGMP Status Commands	6148
139.1 IGMP Status Command Tree	6149
139.2 IGMP System Status Command	6150
139.3 IGMP Channel Sources Status Command	6152
139.4 IGMP Channel Miscellaneous Status Command	
139.5 IGMP Channel Protocol Status Command	
139.6 IGMP package to multicast source Command	
139.7 IGMP Group to Package Status Command	
139.8 Show Multicast Source Statistics Command	
139.9 Show Multicast Channel Statistics Command	
139.10 IGMP Module Counter Status Command	
139.11 IGMP Module Time Status Command	
139.12 IGMP Module Miscellaneous Status Command	
139.13 IGMP System Status Command	
100.10 IOMI Oysiciii Giatas Commana	. 5170
140- Transport Status Commands	6176
140.1 Transport Status Command Tree	6177
140.2 SNMP Protocol Statistics Command	
140.3 SNMP Engine Status Command	
140.4 System Status Command	
140.5 SFP status commands	
140.6 Interface MAU Status Command	
140.7 Ethernet Lt Dot3 Status Command	
140.7 Ethemet Et Dots Status Command	0190
141- Efm Oam Status Commands	6192
141.1 Efm Oam Status Command Tree	. 6193
141.2 Efm Oam Mac Statistics Command	
141.3 Efm Oam Pme Statistics Command	
141.4 Efm Oam Local Information Status Command	
141.5 Efm Oam Peer Information Status Command	
141.6 Efm Oam statistics Status Command	
141.7 Efm Oam loopback Status Command	
141.8 Efm Oam Internal Traffic generator Status Command	
142- DHCP Relay Status Commands	6210
142.1 DHCP Relay Status Command Tree	
142.2 DHCP Relay Port Statistics	6212
142.3 DHCP Relay Port Statistics Related To Vlan Ports	
142.4 DHCP Relay Port Summary Statistics Related To Vlan Ports	
142.5 DHCP Relay Port Detailed Statistics Related To Vlan Ports	
142.6 DHCP v6 Relay Port Statistics	
142.7 DHCP v6 Relay Port Statistics Related To Vlan Ports	
142.8 DHCP v6 Relay Port Summary Statistics Related To Vlan Ports	
142.9 DHCP v6 Relay Port Detailed Statistics Related To Vlan Ports	
142.10 DHCP Relay Session Status Command	6238
143- Multicast Status Commands	6242
143.1 Multicast Status Command Tree	
143.2 Multicast Active Groups Status Command	
143.3 Multicast Ipv6 Active Groups Status Command	
143.4 Multicast PON Active Groups Status Command	
143.5 Multicast ONT Active Groups Status Command	
143.6 Multicast Channel Pair Active Groups Status Command	
143.7 Multicast Group Membership Status Command	

xxxviii 3HH-08079-FCEH-TCZZA Issue: 01

144- CPE Management Status Commands	6268
144.1 CPE Management Status Command Tree	
145- Session Status Commands	6271
145.1 Session Status Command Tree	6272
145.2 Session Status Command	
146- PPPoX-Relay Status Commands	6275
146.1 PPPoX-Relay Status Command Tree	. 6276
146.2 PPPoX CC Éngine Statistics	6277
146.3 PPPoX CC Client Port Statistics	
146.4 PPPoX CC Engine Monitor Statistics	
146.5 PPPoX CC Client Port Monitor Statistics	
146.6 PPPoX CC Session Engine Status Command	
146.7 PPPoX CC Session Client Port Status Command	
146.8 PPPCC Engine Current 15Minute Statistics Command	
146.10 PPPCC Engine Previous 15Minute Statistics Command	
146.11 PPPCC Engine Previous 1day Statistics Command	
147- NAT related Commands	6301
147.1 NAT related Command Tree	
147.2 Nat dynamic Session Status Command	
148- CWMP Platform Status Commands	6304
148.1 CWMP Platform Status Command Tree	
148.2 CWMP Platform Status Commands	
148.3 Cwmp Platform Status Commands	
149- SHDSL Status Commands	6308
149.1 SHDSL Status Command Tree	. 6309
149.2 SHDSL Inventory Status Command	6311
149.3 SHDSL Span Status Command	
149.4 SHDSL Unit Status Command	
149.5 SHDSL Segment Status Command	
149.6 SHDSL Segment Counters Current Interval Status Command	
149.7 SHDSL Segment Counters Current Day Status Command	
149.8 SHDSL Segment Counters Previous Interval Status Command	
149.10 SHDSL Span Current Interval Performance Data Status Command	
149.11 SHDSL Span Current Day Performance Data Status Command	
149.12 SHDSL Span Previous Interval Performance Data Status Command	
149.13 SHDSL Span Previous Day Performance Data Status Command	
150- IMA Status Commands	6347
150.1 IMA Status Command Tree	. 6348
150.2 IMA Group Status Command	
150.3 IMA Group Near-End Current Interval Performance Data Status Command	
150.4 IMA Group Near-End Previous Interval Performance Data Status Command	6356
150.5 IMA Group Far-End Current Interval Performance Data Status Command	
150.6 IMA Group Far-End Previous Interval Performance Data Status Command	
150.7 IMA Link Status Command	
150.8 IMA Link Near-End Current Interval Performance Data Status Command	. 6366

Issue: 01 3HH-08079-FCEH-TCZZA xxxix

	150.9 IMA Link Near-End Previous Interval Performance Data Status Command	
	150.10 IMA Link Far-End Current Interval Performance Data Status Command	
	150.11 IMA Link Far-End Previous Interval Performance Data Status Command	6372
1 6	51- Voice Status Commands	6374
IJ		
	151.1 Voice Status Command Tree	
	151.2 Voice Sip Server Status Commands	6380
	151.3 Voice Sip User Agent Access Point Show Commands	
	151.4 Voice Sip User Agent related IP address information Show Commands	
	151.5 Voice Sip Statistics System Status Command	
	151.6 Voice Sip Statistics Perfinfo Status Command	6387
	151.7 Voice Sip Termination Statistics Command for Current 15 Minutes	. ມວບ <i>າ</i>
	151.8 Voice Sip Termination Statistics Command for Current Day	
	151.9 Voice Sip Termination Statistics Command for Previous 15 Minutes	
	151.10 Voice Sip Termination Statistics Command for Previous day	
	151.11 Voice Sip MSAN Statistics Command	6403
	151.12 Voice Sip board Statistics Command for Current one Day	6405
	151.13 Voice Sip Board Statistics Command for Previous day	
	151.14 Voice Sip Board Statistics Command for Current 15 Minutes	
	151.15 Voice Sip Board Statistics Command for Previous 15 Minutes	
	151.16 Voice Sip Statistics Perfinfo Status Command per board	
	151.17 Voice Sip restoration: Redundancy Status Commands	
	151.18 Voice Sip restoration: Redundancy Status Commands	
	151.19 Voice Sip Redundancy Status Commands	
	151.20 Voice Sip Termination Status Commands	6428
	151.21 Voice Sip Shared Line Termination Status Commands	6431
	151.22 Voice Sip Isdn/Cas Termination Status Commands	
	151.23 Voice Sip Port State Status Commands	6436
	151.24 Voice Sip SSP Profile Status Commands	
	151.25 Voice Sip Dhcp Sip Server Status Commands	
	151.26 Voice Sip All Port State Status Command	
	151.27 Voice Sip Isdn/Cas Termination Status Commands	
	151.28 Voice Sip Isdn Cas E1 Interface Status Commands	
	151.29 Voice Sip Isdn Nsm Profile Status Commands	6447
	151.30 Voice Sip Cas Nsm Profile Status Commands	6448
	151.31 Voice Sip Cas Timer Profile Status Commands	6449
	151.32 Voice Sip Cas Signaling Profile Status Commands	
	151.33 Voice Sip Isdn And Cas Nsm Profile Index Status Commands	
	151.34 Voice Sip Isdn Cas E1 Interface B channel Status Commands	
	151.35 Voice Sip Isdn/Cas Termination Status Commands	
	151.36 Voice Sip Isdn PUID Termination Status Commands	
	151.37 Voice Sip Pri User To User Profile Status Commands	
	151.38 Voice Sip Physical Interface Status Commands	
	151.39 Voice Sip Trunk Sub-group Status Commands	
	151.40 Voice Sip L1 Transport Statistics Commands	
	151.41 Voice Sip NE Board Status Commands	6478
	151.42 Call Query state show command	6480
	151.43 Call Query result show command	
	151.44 Voice Megaco Equipment Board Status Commands	
	151.45 Voice Megaco Equipment Status Commands	6/85
	151.46 Voice Megaco Equipment Secondary Termination Status Commands	. D 1 00
	151.46 Voice Megaco Equipment Secondary Termination Status Commands	. D400
	151.47 Voice Megaco MGI Status Commands	0491
	151.48 Voice Megaco Database Status Commands	
	151.49 Voice Megaco IP Status Commands	
	151.50 Voice Megaco SGI Status Commands	
	151.51 Summary of Current Operational Parameters for ONT VoIP	6497
	151.52 Summary of Call History Operational Parameters	
	151.53 Voice ONT POTS MLT Test Status Command	
	151.54 Voice ONT POTS PB Dialtone Test Status Command	

xl 3HH-08079-FCEH-TCZZA Issue: 01

151.55 Voice ONT POTS SIP Dialtone Test Status Command	6510
151.56 Summary of Actual Operational data for ONT VoIP Config Command	6512
151.57 Voice ONT POTS Hook State Command	6517
151.58 Voice TC Olt-side Current Interval Status Command	6519
151.59 Voice TC Olt-side Previous Interval Status Command	
151.60 Voice TC Ont-side Current Interval Status Command	
151.61 Voice TC Ont-side Previous Interval Status Command	
151.62 GPON Voip Configuration Status Command	
151.63 Voice GPON POTS RTP Current Statistics Command	
151.64 Voice GPON POTS RTP Prev Statistics Command	
151.65 Current Interval PM stats of ONT MGC Agent Command	
151.66 Voice Gpon POTS Call Statistics Command for Current 15 Minutes	
151.67 Voice Gpon POTS Call Statistics Command for Previous 15 Minutes	
151.68 GPON Ont Sip Status Command	
151.69 Voice Gpon SIP Agent Statistics Command for Current 15 Minutes	
151.70 Voice Gpon SIP Call Statistics Command for Current 15 Minutes	
151.71 Voice ONT Operational data for pots line profile download status Command	
151.72 Voice ONT Operational data for voip client profile download status Command	
151.73 Voice extline Status Commands	
151.74 Voice pseudo wire Status Commands	
151.75 Voice pseudo wire udp port Commands	6555
152- Epon Ont Status Command	6556
152.1 Epon Ont Status Command Tree	6557
152.2 ONT Interface Status Command	
152.3 Epon Ont Voice media gateway Status Command	
152.4 Epon Ont Voice Sip UserAgent Status Command	
102.4 Epon One voice dip escritgent diates commune	0002
152 Show Enan Ont Boto Command	6564
153- Show Epon Ont Pots Command	
153.1 Show Epon Ont Pots Command Tree	
153.2 Epon Ont Pots Information Command	
153.3 Epon Ont Pots Statistics Command	6569
154- Voice LSA Server System Status Commands	6571
154.1 Voice LSA Server System Status Command Tree	6572
154.2 Voice LSA Server System Status Commands	
,	
155- Voice LSA Server Instance Status Commands	6574
155.1 Voice LSA Server Instance Status Command Tree	
155.2 Voice LSA Server Instance Status Command Tree	
155.2 Voice LSA Server instance Status Commands	
AFC Mains LOA Comuse Francisco Otatus Comuse de	^F77
156- Voice LSA Server Emergency Status Commands	6577
156.1 Voice LSA Server Emergency Status Command Tree	6578
156.2 Voice LSA Server System Status Commands	6579
157- L2CP Status Commands	6581
157.1 L2CP Status Command Tree	6582
157.2 L2CP Status Command	
157.3 L2CP Status Command	
157.4 L2CP Status Command	
157.5 L2CP Partition Status Command	
10.10 220. Farmon Glado Gommana I.	2000
158- Ethernet Lt Configuration Data Status Commands	6589
•	
158.1 Ethernet Lt Configuration Data Status Command Tree	
	กาษไ

Issue: 01 3HH-08079-FCEH-TCZZA xli

	158.3 Ethernet IGMP Configuration Status Command	6596
	158.5 Ethernet BridgePort Configuration Status Command	. 6599 . 6603
1	59- Ethernet Status Commands	6605
	159.1 Ethernet Status Command Tree	
	159.2 Interface MAU Status Command	
	159.3 SFP status commands	
	159.4 Ethernet Counters Near End Line Current 15 Min	
	159.5 Ethernet Counters Near End Line Current Day	
	159.6 Ethernet Counters Near End Line Previous 15 Min	
	159.7 Ethernet Counters Near End Line Previous Day	6625
	159.8 Ethernet PM Interval Per Interface Status Command	
	159.10 Ethernet RMON Counters Status Command	
	159.11 Ethernet Statistics Line Status Command	
	159.12 Ethernet Ont Port Operational Status Command	
	159.13 ONT Ethernet Port Performance Monitoring Current-Interval Status Command	
	159.14 ONT Ethernet Port Performance Monitoring Previous-Interval Status Command	
	159.15 Ethernet Ont Port loopback Status Command	
	159.16 Epon Ont Ethernet Status Command	
	159.17 Epon Ont Ethernet Port Information Command	. 6649
	159.18 Epon Ont Ethernet Port Fdb Command	
	159.19 Epon Ont Ethernet Status Command	6655
	159.20 Epon Ont Ethernet Current 15min Status Command	
	159.21 Epon Ont Ethernet Current 1Day Status Command	
	159.22 Epon Ont Ethernet Previous 15min Status Command	
	159.23 Epon Ont Ethernet Previous 1day Status Command	6671
16	60- Ethernet Lt Operational Data Status Commands	6676
16	60- Ethernet Lt Operational Data Status Commands	6676
16	160.1 Ethernet Lt Operational Data Status Command Tree	6677
16	160.1 Ethernet Lt Operational Data Status Command Tree	. 6677 . 6678
16	160.1 Ethernet Lt Operational Data Status Command Tree	. 6677 . 6678 . 6680
1€	160.1 Ethernet Lt Operational Data Status Command Tree	. 6677 . 6678 . 6680 . 6682
16	160.1 Ethernet Lt Operational Data Status Command Tree	. 6677 . 6678 . 6680 . 6682 . 6684
16	160.1 Ethernet Lt Operational Data Status Command Tree	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687
	160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689
	160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689
	160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689
	160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Commands	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6691 . 6692 . 6693
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Commands 162.1 Trouble-Shooting Status Command Tree	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Commands 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693 . 6694 . 6695 . 6696
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Commands 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree 162.3 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693 . 6694 . 6695 . 6696 . 6698
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 161.1 Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree 162.3 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Commands 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree 162.3 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693 . 6695 . 6696 . 6698 . 6700 . 6702
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Status Command Tree 162.3 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports	. 6677 . 6678 . 6680 . 6682 . 6684 . 6689 . 6691 . 6692 . 6693 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command Tree 162.2 Trouble-Shooting Status Command Tree 162.3 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports 162.6 Extensive Trouble-shooting Statistics To Vlan Ports	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705 . 6709
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports 162.6 Extensive Trouble-shooting Statistics To Vlan Ports 162.7 Trouble-shooting Statistics Over Channel-pair 162.8 Extensive Trouble-shooting ipv4-antispoofing Statistics To One UNI Port 162.9 Trouble-shooting Statistics To One VlanPort	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705 . 6709 . 6712 . 6714
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Operational Status Command 61- Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command 62- Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports 162.6 Extensive Trouble-shooting Statistics To Vlan Ports 162.7 Trouble-shooting Statistics Over Channel-pair 162.8 Extensive Trouble-shooting ipv4-antispoofing Statistics To One UNI Port 162.9 Trouble-shooting Statistics To One VlanPort 162.9 Trouble-shooting Statistics To One VlanPort 162.10 Summary Trouble-shooting Statistics To Vlan Ports	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705 . 6709 . 6712 . 6714 . 6716
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Opertaional Status Command 61- Debug Status Commands 161.1 Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command 162.1 Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports 162.6 Extensive Trouble-shooting Statistics To Vlan Ports 162.8 Extensive Trouble-shooting Statistics To One VlanPort 162.9 Trouble-shooting Statistics To One VlanPort 162.10 Summary Trouble-shooting Statistics To Vlan Ports 162.11 Extensive Trouble-shooting Statistics To Vlan Ports	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705 . 6709 . 6712 . 6714 . 6716 . 6719
1(160.1 Ethernet Lt Operational Data Status Command Tree 160.2 Ethernet Port Operational Status Command 160.3 Ethernet BridgePort Operational Status Command 160.4 Ethernet Port Interface Operational Status Command 160.5 Ethernet IGMP Operational Status Command 160.6 Ethernet Port Ip Bridge Operational Status Command 160.7 Ethernet QoS Opertaional Status Command 160.7 Ethernet QoS Operational Status Command 61- Debug Status Command Tree 161.2 SW Error Log Status Command 62- Trouble-Shooting Status Command 62- Trouble-Shooting Status Command Tree 162.2 Trouble-shooting Statistics To One Port 162.3 Trouble-shooting Statistics on a Port (DSL or Ethernet) or PVC Interface 162.4 Trouble-shooting Statistics To One VlanPort 162.5 Summary Trouble-shooting Statistics To Vlan Ports 162.6 Extensive Trouble-shooting Statistics To Vlan Ports 162.7 Trouble-shooting Statistics Over Channel-pair 162.8 Extensive Trouble-shooting ipv4-antispoofing Statistics To One UNI Port 162.9 Trouble-shooting Statistics To One VlanPort 162.9 Trouble-shooting Statistics To One VlanPort 162.10 Summary Trouble-shooting Statistics To Vlan Ports	. 6677 . 6678 . 6680 . 6682 . 6684 . 6687 . 6689 . 6693 . 6694 . 6695 . 6696 . 6698 . 6700 . 6702 . 6705 . 6709 . 6712 . 6714 . 6716 . 6719

xlii 3HH-08079-FCEH-TCZZA Issue: 01

163- Trouble-Shooting Pbit Counter Commands	6727
163.1 Trouble-Shooting Pbit Counter Command Tree	6728
163.2 Trouble-shooting PBIT Statistics	6729
164- Trouble-Shooting Pon Status Commands	6732
164.1 Trouble-Shooting Pon Status Command Tree	
164.2 Trouble-shooting Statistics over Pon Port	
165 Trouble Shooting Color Counter Commands	6737
165- Trouble-Shooting Color Counter Commands	
165.1 Trouble-Shooting Color Counter Command Tree	
166- CFM Status Commands	6743
166.1 CFM Status Command Tree	
166.2 Maintenance Domain on NT Status Command	
166.4 Maintenance Association End Point on NT Status Command	
166.5 CFM Stack on NT Status Command	
166.6 Maintenance Association End Point CCM Database show Command	
166.7 Maintenance Association End Point Octor Batabase show Command	
166.8 LT CFM SLM Responder Statistics Table	
166.9 PM proactive show	
166.10 Proactive CFM PM show command for the current 15 min	
166.11 Proactive CFM PM show command for the current 15 min	
166.12 Proactive CFM PM show command for the current 1 day	
166.13 Proactive CFM PM show command for the current 1 day	
166.14 Proactive CFM PM show command for the previous 15 min	
166.15 Proactive CFM PM show command for the previous 15 min	
166.16 Proactive CFM PM show command for the previous 1 day	
166.17 Proactive CFM PM show command for the previous 1 day	6788
166.18 Maintenance Association End Point Y1731 AIS Info Command	6793
167- IPoA/E IW Status Commands	6795
167.1 IPoA/E IW Status Command Tree	6796
167.2 IPoA/E IW Interworking Port Status Command	
168- LineTest Status Commands	6799
168.1 LineTest Status Command Tree	
168.2 Megaco LineTest Available Session Status Command	
168.3 Megaco LineTest Session Status Command	
168.4 Megaco LineTest Line Status Command	
168.5 Megaco LineTest LineId ExtReport Status Command	
168.6 SINGLE LineTest Available Session Status Command	
168.7 SINGLE LineTest Session Status Command	
168.8 SINGLE LineTest Line Status Command	
168.9 SINGLE LineTest LineId ExtReport Status Command	. 6822
168.10 SINGLE LineTest Chipset Data Command	
168.11 SINGLE LineTest Session busy port Command	6830
168.12 MELT Selftest Status Command	
168.13 MELT reset Status Command	
168.14 MELT hardware Status Command	. 6836
169- LACP status commands	6837
169.1 LACP status commands Tree	6838

Issue: 01 3HH-08079-FCEH-TCZZA xliii

169.2 LACP Port Status Command	
169.3 LACP Group Status Command	
169.4 LACP Member Port Status Command	6848
170- LACP status commands	6850
170.1 LACP status commands Tree	6851
170.2 LACP Group Status Command	
170.3 LACP Group Status Command	
170.4 LACP Group Status Command	6856
171- MSTP Status Commands	6858
171.1 MSTP Status Command Tree	6859
171.2 MSTP Bridge Status Command	6860
171.3 MSTP Instance Status Command	
171.4 MSTP Network Port Status Command	
171.5 MSTP Port Instance Status Command	. 6867
172- Application Intelligence Status Commands	6870
172.1 Application Intelligence Status Command Tree	6871
172.2 Application show command	6872
172.3 Al Platform show command	
172.4 Application 'download and installation' show command	. 6876
173- Distributed Service Status Commands	6878
173.1 Distributed Service Status Command Tree	6879
173.2 Service Access Mapping Status Command	
173.3 APIPE-PVC Statistics Command	6882
174- IPv6 Users Status Commands	6884
174.1 IPv6 Users Status Command Tree	6885
174.2 IPv6 Users Status Command	. 6886
175- Bcmp Statistics Commands	6890
175.1 Bcmp Statistics Command Tree	. 6891
175.2 Bcmp Statistics Command	
176- E1 Line Operational status Commands	6894
176.1 E1 Line Operational status Command Tree	6895
176.2 E1 line status Command	
176.3 E1 diagnostic status Command	6898
177- E1 Line Counters Command	6900
177.1 E1 Line Counters Command Tree	6901
177.2 E1 Current Interval Performance Data Status Command	6902
177.3 E1 Current 1 Day Performance Data Status Command	
177.4 E1 Previous Interval Performance Data Status Command	
177.5 E1 Previous 1 Day Performance Data Status Command	6908
178- Dual-Parenting Protection Group Status Commands	6910
178.1 Dual-Parenting Protection Group Status Command Tree	6911
470 Duel Deposition Brotostics Occurs Otatus Occurs Is	0040
179- Dual-Parenting Protection Group Status Commands	6912
179.1 Dual-Parenting Protection Group Status Command Tree	

xliv 3HH-08079-FCEH-TCZZA Issue: 01

179.2 Dual-Parenting Protection Group Status Commands	.6914
180- Multicast Status Commands	6917
180.1 Multicast Status Command Tree	6918
180.2 IGMP System Status Command	
180.3 IGMP System Status Command	
180.4 IGMP Channel Sources Status Command	
180.5 IGMP Channel Miscellaneous Status Command	
180.6 IGMP Channel Protocol Status Command	
180.7 IGMP Module Counter Status Command	
180.8 IGMP Module Time Status Command	
180.9 IGMP Module Miscellaneous Status Command	.6937
180.10 IGMP Group to Package Status Command	.6939
180.11 Show Multicast Channel Statistics Command	6940
180.12 IGMP package to multicast source Command	
181- Security Status Commands	6943
181.1 Security Status Command Tree	6944
181.2 Operator Information Status Command	
181.3 Domain Status Command	.6948
181.4 User Sessions Status Command	6949
181.5 Connection Profile Status Command	
181.6 RADIUS Authentication Server Status Command	
181.7 RADIUS Authentication Server Statistics Command	
181.8 RADIUS Accounting Server Statistics Command	
181.9 RADIUS Accounting Server Status Command	
181.10 RADIUS Dynamic Authentication Client Status Command	
181.11 RADIUS Next Available Index Command	
181.12 RADIUS Client Status Command	
181.13 Tacacs authentication Server Status Command	
181.14 TACACS Authentication Server Statistics Command	
181.15 Tacacs authorization Server Status Command	.6975
181.16 TACACS Authorization Server Statistics Command	6977
181.17 Tacacs Accounting Server Status Command	.6979
181.18 TACACS Accounting Server Statistics Command	
181.19 PAE Authenticator Status Command	
181.20 EAPOL Statistics Command	
181.21 Diagnostic Information Status Command	
181.22 Session Statistics Command	0000
181.23 PAE Port System Status Command	
181.24 MAC Address related EAPOL Status Command	
181.25 MAC Address related EAPOL Status Command	
181.26 MAC Address related EAPOL Status Command	.7006
181.27 SSH Server Status Command	.7011
181.28 SSH Server Key Generation Progress Status Command	.7012
181.29 SSH Authentication Key Status Command	
181.30 SSH Authentication Key Generation Progress Status Command	
181.31 PM File Upload Status Command	
181.32 5-min CDR File Upload Status Command	7017
161.52 5-11111 CDK File Opioad Status Command	./01/
182- Alarm Management Commands	7018
182.1 Alarm Management Command Tree	.7019
182.2 Alarm Management Command	
182.3 Snapshot Management Command	
182.4 Alarm Delta Log Management Command	7023
182.5 Log Management Command	
182.6 Alarm Filetransfer Manual Clearance Management Command	
182.7 Alarm Failed Login Manual Clearance Management Command	./ UZ6

Issue: 01 3HH-08079-FCEH-TCZZA xlv

183- ATM Management Commands	7027
183.1 ATM Management Command Tree	
5	7031
184.1 IGMP Management Command Tree	
184.2 IGMP Management Command	
184.3 IGMP Multicast Sources Management Command	
184.4 IGMP Multicast Channel Management Command	
184.5 IGMP Multicast Channel Management Command	
184.6 IGMP Slot Management Command	
184.8 IGMP Channel Management Command	
185- PPPoX Management Commands	7045
185.1 PPPoX Management Command Tree	.7046
185.2 PPPoX Engine Port Management Command	.7047
	7048
186.1 PPPoEL2 Statistics Management Command Tree	
186.2 PPPoEL2 Statistics Management Command	.7050
•	7053
187.1 PPPoE Management Command Tree	
5	7058
188.1 xDSL Management Command Tree	
189- Gpon xDSL Management Commands	7062
189.1 Gpon xDSL Management Command Tree	
190- Software Management Commands	7066
190.1 Software Management Command Tree	
190.2 Software Management Command	.7068
190.3 OSWP Software Management Command	.7069
190.4 Database Management Command	
190.5 File Management Command	
190.7 IHUB Database Management Command	
190.8 lacm Software Management Command	
190.9 IACM Database Management Command	
190.10 CDE Management Command	
190.11 TLS CA Management Command	.7080
190.12 Reborn Reformation Command	
190.13 Lightspan Migration Management Command	
190.14 Lightspan Migration Management Command	.7083
	7084
191 1 SHDSL Management Command Tree	7085

xlvi 3HH-08079-FCEH-TCZZA Issue: 01

191.2 SHDSL Segment Configuration Command	.7086
192- Session Management Commands	7088
192.1 Session Management Command Tree	7089
192.2 Forced Disconnect Session Command	.7090
193- System Management Commands	7091
193.1 System Management Command Tree	.7092
193.2 SYSLOG Management command	
193.3 Secure Shell Server Key Regeneration Command	
193.4 SSH Authentication Key Generation Command	
193.5 PM File Upload Management Command	
193.7 CPU Load Management Command	
193.8 Techsupport management Command	
193.9 Techsupport Generate On Demand Command	
193.10 Techsupport Clear On Demand Command	.7103
193.11 FIPS Command	.7104
404 LIDD/CCII debug Managament Commando	740E
194- UDP/SSH debug Management Commands	7105
194.1 UDP/SSH debug Management Command Tree	
194.2 Forced Disconnect UDP/SSH debug Command	./10/
195- Trouble-Shooting Management Commands	7108
195.1 Trouble-Shooting Management Command Tree	
195.2 Trouble-shooting Interface Management Commands	.7110
196- Trouble-Shooting Management Commands	7113
196.1 Trouble-Shooting Management Command Tree	.7114
196.2 Trouble-shooting Pon Interface Management Commands	
197- Trouble-Shooting Management Commands	7117
197.1 Trouble-Shooting Management Command Tree	.7118
197.2 Trouble-shooting pbit counter Interface Management Commands	
198- Trouble-Shooting Management Commands	7122
198.1 Trouble-Shooting Management Command Tree	.7123
198.2 Trouble-shooting color counter Interface Management Commands	.7124
199- Voice Ont Management Commands	7127
199.1 Voice Ont Management Command Tree	.7128
199.2 Voice Megaco Database Management Command	.7130
199.3 Voice Megaco Equipment Admin Commands	
199.4 Voice Megaco Termination Lock Management Command	
199.5 Voice Megaco Secondary Termination Lock Management Command	
199.6 Voice Megaco Media Gateway Lock Management Command	
199.7 Voice Sip LT Transport Statistics Commands	
199.9 Voice POTS Pull-Break Management Command	
199.10 Voice SIP Pull-Break Management Command	
199.11 GPON Voip Configuration Management Command	
200- MSTP Management Commands	7148

Issue: 01 3HH-08079-FCEH-TCZZA xlvii

200.1 MSTP Management Command Tree	
201- Distributed Service Management Commands	7151
201.1 Distributed Service Management Command Tree	7152
201.2 APIPE-PVC Statistics Command	
202- Pon Management Commands	7154
202.1 Pon Management Command Tree	
202.2 Pon Bit Error Statistics Commands	
202.3 PON Rogue Test Diagnostic Command	
202.4 PON Utilization PM Reset Command	
202.5 PON Peak Utilization PM Reset Command	
202.7 Ont on Given Pon Reboot Commands	
203- Channel Pair Management Commands	7168
203.1 Channel Pair Management Command Tree	
203.2 NGPON2 Rogue Test Diagnostic Command	
203.3 Channel Pair Utilization PM Reset Command	
203.4 Channel Pair Peak Utilization PM Reset Command	
203.5 Pon RangeNumMismatch Alarm Reset Commands	
203.6 NGPON2 Rogue Ont Reboot Command	.7175
	7176
204.1 CESUNI Management Command Tree	
204.2 CESUNI Loopback Management Command	.7178
	7180
205.1 CFM Management Command. Tree	.7181
205.2 Unicast Loopback message Management Command	
205.3 CFM Multicast Loopback Management Command	
205.4 CFM Linktrace management command	
205.5 Linktrace message Management Command	
205.7 Single Ended Synthetic Loss Measurement message Management Command	
206- Protection Group Management Commands	7199
206.1 Protection Group Management Command Tree	
206.2 Protection Group Switchover Management Command	
207- Efm Oam Management Command	7203
207.1 Efm Oam Management Command Tree	
207.2 Efm Oam Interface Management Command	
208- Epon Management Command	7207
208.1 Epon Management Command Tree	_
208.2 Epon Ont Ethernet Reautodetect Management Command	.7209
209- Iphost Management Command.	7210
209.1 Iphost Management Command. Tree	
209.2 Iphost ping test Management Command	.7212

xlviii 3HH-08079-FCEH-TCZZA Issue: 01

210- LineTest Management Commands	7215
210.1 LineTest Management Command Tree	
210.2 MELT reset Status Command	
210.3 MELT Selftest Status Command	7218
211- BER LineTest Configuration Commands	7219
211.1 BER LineTest Configuration Command Tree	7220
211.2 E1 BER test command	
212- Dual-Parenting Protection Group Management Commands	7223
212.1 Dual-Parenting Protection Group Management Command Tree	7224
212.2 Dual-Parenting Protection Group Management Command	7225
213- Dual-Parenting Protection Group Switchover Management Command	s7226
213.1 Dual-Parenting Protection Group Switchover Management Command Tree	7227
213.2 Dual-Parenting Protection Group Switchover Management Command	7228
214- Equipment Management Commands	7230
214.1 Equipment Management Command Tree	7231
214.2 Equipment Management Command	7232
214.3 Slot Management Command	
214.4 Slot Management Command	/235
215- ONT Management Command	7237
215.1 ONT Management Command Tree	
215.2 ONT Interface Management Command	
215.3 ONT Card Management Command	
215.5 ONT Software Version Management Command	
215.6 ONT Data Store Management Command	
215.7 ONT Reboot via SN Management Command	
216- EONT Management Command	7248
216.1 EONT Management Command Tree	7249
216.2 Epon ONT reboot command	7250
216.3 Epon Ont Software Management Command	
216.4 Epon Ont LLID Loopback Command	. 7252
216.5 EONT Software Version Management Command	/253
217- Protection Group Management Commands	7254
217.1 Protection Group Management Command Tree	
217.2 Protection Group NT switchover Command	7256
218- Ethernet Management Commands	7257
218.1 Ethernet Management Command Tree	7258
218.2 Ethernet Management Command	7259
218.3 Ethernet Statistics Commands	
218.4 Epon Ont Ethernet Reautodetect Command	
218.5 Gpon Ont Ethernet loopback Command	1 202
219- Bridge Management Commands	7264
219.1 Bridge Management Command Tree	7265

Issue: 01 3HH-08079-FCEH-TCZZA xlix

I

219.2 Learned Unicast MAC Address Management Command	
220- Trap Management Commands	7270
220.1 Trap Management Command Tree	
221- Interface Management commands	7273
221.1 Interface Management commands Tree	
222- DHCP Management Command	7276
222.1 DHCP Management Command Tree	7278
223- ARP-RELAY statistics Management Commands	7284
223.1 ARP-RELAY statistics Management Command Tree	
224- Transport Management Commands	7289
224.1 Transport Management Command Tree	
225- SNTP Management Commands	7292
225.1 SNTP Management Command Tree	
226- Transactions Management Commands	7295
226.1 Transactions Management Command Tree	
227- Security Management Commands	7298
227.1 Security Management Command Tree	
228- Security Management Commands	7302
228.1 Security Management Command Tree	7303 7304
229- Debug commands	7306
229.1 Debug commands Tree	
230- Remote debug Commands	7309
230.1 Remote debug Command Tree	
230.3 Remote debug ONT	
231- TcpDump Command	7314
231.1 TcpDump Command Tree	_

3HH-08079-FCEH-TCZZA Issue: 01

c	ontents
231.2 TcpDump Command	.7316
231.3 tcpdump tool	.7317
231.4 tcpdump tool	
231.5 tcpdump tool	.7319
232- Clear Commands	7320
232.1 Clear Command Tree	.7321
232.2 Clear Command	.7322
233- IHUB Commands	7323
234- Global And Environmental Commands	7329
234.1 History Command	7330
234.2 Echo Command	
234.3 Telnet Command	
234.4 Telnet Al Command	.7333
234.5 Exec Command	
234.6 Sleep Command	
234.7 Tree Command	
234.8 Write Command	
234.9 Logout Command	
234.10 Help Command	
234.11 Info Command	
234.13 Back Command	
234.14 Delete Command	
234.15 In Command	
234.16 Configure Command	
234.17 Action Command	
234.18 Show Command	
234.19 Recursive Show Command	.7352
234.20 Sample Command	
234.21 Poll Command	
234.22 Debug Command	
234.23 Sysfil Command	.7356
235- CLI Filters	7357
235.1 Count Filter	.7358
235.2 Match Filter	.7359
235.3 Tee Filter	
235.4 Tee Config Filter	.7362
236- CLI Printers	7363
236.1 More	.7364
236.2 No-More	
236.3 Discard	.7366
Index	7367

Issue: 01 3HH-08079-FCEH-TCZZA li

lii 3HH-08079-FCEH-TCZZA Issue: 01