

```
*****
IDIS Conformance test report
02-AUG-2023 10:53:54
iCTT2 Package 2, Edition 2.0, Revision 1 (136)
Licensed to: DNV-GL IDIS Conf
Tester: Tom Levels
*****
```

```
*****
* Identification *
*****
```

```
Manufacturer = {
  Name = '\Ningbo Sanxing Smart Electric Co.,Ltd'
  ThreeLettersId = '\AUX'
}
DeviceUnderTest = {
  Type = '\S34U28'
  IDISDeviceType = 103
  IDISFunctionType = [EXTENSION_D, EXTENSION_L]
  SerialNr = 4500003
  IPVersion = IPV4
  DataLinkLayer = GPRS
  ConsumerInformationPush = FALSE
  SMSSupported = FALSE
  ClipCallSupported = FALSE
}
```

Active firmware identifier (1-0:0.2.0.255) = \V0.09.10

```
*****
* Summary *
*****
```

PASSED	1034
FAILED	0
DISABLED	0
INAPPLICABLE	812
INCONCLUSIVE	0
FATAL	0
TOTAL	1846

```
*****
Test Case 1 : Connect and release, 4 item(s)
*****
```

```
(1) Connect Public
PASSED
(2) Release Public
PASSED
(3) Connect Management
PASSED
(4) Release Management
PASSED
```

Test Case 2 : Get public object-list, 1 item(s)

Public Get Current association 0-0:40.0.0.255 (@9)
(1) .object_list

PASSED

	@42	0-0:42.0.0.255 1	COSEM logical device name
unicast key	@37	0-0:43.1.0.255 1	Security - Receive frame counter -
broadcast key	@33	0-0:43.1.1.255 1	Security - Receive frame counter -
	@	0-0:43.1.2.255 1	
	@	0-0:43.1.3.255 1	
	@	0-0:43.1.4.255 1	
	@	0-0:43.1.5.255 1	
	@	0-0:43.1.6.255 1	
	@	0-0:43.1.7.255 1	
	@	0-0:43.1.8.255 1	
	@	0-0:43.1.9.255 1	
	@9	0-0:40.0.0.255 15	Current association
	@4	0-0:41.0.0.255 17	SAP Assignment

Test Case 3 : Get mngmt object-list, 1 item(s)

Mngmt Get Current association 0-0:40.0.0.255 (@9)
(1) .object_list

PASSED

	@	0-0:21.0.1.255 1	
	@	0-0:21.0.2.255 1	
	@42	0-0:42.0.0.255 1	COSEM logical device name
unicast key	@37	0-0:43.1.0.255 1	Security - Receive frame counter -
broadcast key	@33	0-0:43.1.1.255 1	Security - Receive frame counter -
	@	0-0:43.1.2.255 1	
	@	0-0:43.1.3.255 1	
	@	0-0:43.1.4.255 1	
	@	0-0:43.1.5.255 1	
	@	0-0:43.1.6.255 1	
	@	0-0:43.1.7.255 1	
	@	0-0:43.1.8.255 1	
	@	0-0:43.1.9.255 1	
	@	0-0:94.71.1.255 1	
	@46	0-0:96.1.0.255 1	Device ID 1, manufacturing number
	@50	0-0:96.1.1.255 1	Device ID 2
	@54	0-0:96.1.2.255 1	Device ID 3
	@58	0-0:96.1.3.255 1	Device ID 4
	@62	0-0:96.1.4.255 1	Device ID 5
	@66	0-0:96.1.5.255 1	Device ID 6, IDIS certification number
	@	0-0:96.1.10.255 1	
	@	0-0:96.2.0.255 1	

	@	0-0:96.6.2.255 1	
	@	0-0:96.7.0.255 1	
	@	0-0:96.7.5.255 1	
	@1177	0-0:96.7.9.255 1	Number of long power failures in any phase
	@	0-0:96.7.10.255 1	
	@1173	0-0:96.7.21.255 1	Number of power failures in any phase
1	@1142	0-0:96.10.1.255 1	Profile status - Load profile with period
2	@1157	0-0:96.10.2.255 1	Profile status - Load profile with period
	@	0-0:96.10.3.255 1	
	@	0-0:96.10.4.255 1	
	@297	0-0:96.11.0.255 1	Event Object - Standard Event Log
	@312	0-0:96.11.1.255 1	Event Object - Fraud Detection Log
	@189	0-0:96.11.2.255 1	Event Object - Disconnect Control log
	@1336	0-0:96.11.4.255 1	Event Object - Power Quality Log
	@327	0-0:96.11.5.255 1	Event Object - Communication Log
	@	0-0:96.11.24.255 1	
	@	0-0:96.11.26.255 1	
	@	0-0:96.11.37.255 1	
	@347	0-0:96.13.0.255 1	Consumer Message Text - Consumer
Information	@343	0-0:96.13.1.255 1	Consumer Message Code - Meter Display
	@70	0-0:96.14.0.255 1	Currently active energy tariff
	@	0-0:96.53.6.255 1	
	@	0-0:96.55.30.255 1	
	@	0-0:96.59.3.255 1	
	@	0-0:96.62.14.255 1	
	@	0-0:96.64.1.255 1	
	@	0-0:96.66.1.255 1	
	@	0-0:96.68.0.255 1	
	@	0-0:96.68.50.255 1	
	@	0-0:96.68.64.255 1	
	@	0-0:96.68.112.255 1	
	@	0-0:96.69.0.255 1	
	@	0-0:96.70.0.255 1	
	@	0-0:96.70.12.255 1	
	@	0-0:96.70.13.255 1	
	@	0-0:96.70.14.255 1	
	@	0-0:96.70.15.255 1	
	@	0-0:96.70.19.255 1	
	@	0-0:96.70.21.255 1	
	@	0-0:96.70.25.255 1	
	@	0-0:96.73.0.255 1	
	@	0-0:96.73.1.255 1	
	@	0-0:96.73.2.255 1	
	@	0-0:96.73.17.255 1	
	@	0-0:96.73.18.255 1	
	@	0-0:96.73.19.255 1	
	@	0-0:96.73.20.255 1	
	@	0-0:96.73.22.255 1	
	@	0-0:96.73.28.255 1	
	@	0-0:96.76.0.255 1	
	@	0-0:96.76.1.255 1	

@	0-0:96.80.0.255 1	
@	0-0:96.80.1.255 1	
@	0-0:96.80.5.255 1	
@	0-0:96.80.6.255 1	
@	0-0:96.80.7.255 1	
@	0-0:96.80.8.255 1	
@	0-0:96.80.9.255 1	
@	0-0:96.80.10.255 1	
@	0-0:96.80.11.255 1	
@	0-0:96.80.13.255 1	
@	0-0:96.80.14.255 1	
@	0-0:96.80.15.255 1	
@	0-0:96.80.16.255 1	
@	0-0:96.80.18.255 1	
@	0-0:96.82.1.255 1	
@	0-0:96.83.68.255 1	
@257	0-0:97.97.0.255 1	Error Register
@261	0-0:97.98.0.255 1	Alarm Register 1
@279	0-0:97.98.1.255 1	Alarm Register 2
@265	0-0:97.98.10.255 1	Alarm Filter 1
@283	0-0:97.98.11.255 1	Alarm Filter 2
@269	0-0:97.98.20.255 1	Alarm Descriptor 1
@287	0-0:97.98.21.255 1	Alarm Descriptor 2
@	0-1:96.80.0.255 1	
@	1-0:0.1.0.255 1	
@	1-0:0.1.2.101 1	
@	1-0:0.1.2.102 1	
@	1-0:0.1.2.103 1	
@	1-0:0.1.2.104 1	
@	1-0:0.1.2.105 1	
@	1-0:0.1.2.106 1	
@	1-0:0.1.2.107 1	
@	1-0:0.1.2.108 1	
@	1-0:0.1.2.109 1	
@	1-0:0.1.2.110 1	
@	1-0:0.1.2.111 1	
@	1-0:0.1.2.112 1	
@412	1-0:0.2.0.255 1	Active firmware identifier
@	1-0:0.2.2.255 1	
@416	1-0:0.2.8.255 1	Active firmware signature
@86	1-0:0.9.1.255 1	Local Time
@90	1-0:0.9.2.255 1	Local Date
@1205	1-0:32.32.0.255 1	Number of voltage sags in phase L1
@1265	1-0:32.36.0.255 1	Number of voltage swells in phase L1
@1209	1-0:52.32.0.255 1	Number of voltage sags in phase L2
@1269	1-0:52.36.0.255 1	Number of voltage swells in phase L2
@1213	1-0:72.32.0.255 1	Number of voltage sags in phase L3
@1273	1-0:72.36.0.255 1	Number of voltage swells in phase L3
@	1-0:130.135.0.255 1	
@420	1-1:0.2.0.255 1	Active firmware identifier 1
@424	1-1:0.2.8.255 1	Active firmware signature 1
@	0-0:94.71.2.255 3	
@	0-0:94.71.3.255 3	
@	0-0:96.6.3.255 3	

	@	0-0:96.6.11.255 3	
	@	0-0:96.7.15.255 3	
phase	@1187	0-0:96.7.19.255 3	Duration of last long power failure in any
	@1181	0-0:96.7.20.255 3	Time threshold for long power failure
	@	0-0:96.9.0.255 3	
	@	0-0:96.68.2.255 3	
	@	0-0:96.68.3.255 3	
	@	0-0:96.68.4.255 3	
	@	0-0:96.68.9.255 3	
	@	0-0:96.68.10.255 3	
	@	0-0:96.68.12.255 3	
	@	0-0:96.68.25.255 3	
	@	0-0:96.68.51.255 3	
	@	0-0:96.68.54.255 3	
	@	0-0:96.68.62.255 3	
	@	0-0:96.68.63.255 3	
	@	0-0:96.70.2.255 3	
	@	0-0:96.70.3.255 3	
	@	0-0:96.70.4.255 3	
	@	0-0:96.70.5.255 3	
	@	0-0:96.70.9.255 3	
	@	0-0:96.73.23.255 3	
	@	0-0:96.73.24.255 3	
	@	0-0:96.73.25.255 3	
	@	0-0:96.73.26.255 3	
	@	0-0:96.73.27.255 3	
	@	0-0:96.77.11.255 3	
	@	0-0:96.80.56.255 3	
	@	1-0:0.3.0.255 3	
	@	1-0:0.3.1.255 3	
	@	1-0:0.6.0.255 3	
	@	1-0:0.6.1.255 3	
	@	1-0:0.6.2.255 3	
	@	1-0:0.6.3.255 3	
values	@1559	1-0:0.8.2.255 3	Measurement Period 3 for Instantaneous
	@94	1-0:0.9.11.255 3	Clock Time Shift Limit
	@	1-0:0.9.12.255 3	
	@1462	1-0:1.7.0.255 3	Instantaneous active import power (+A)
	@437	1-0:1.8.0.255 3	Active energy import (+A)
	@510	1-0:1.8.1.255 3	Active energy import (+A) rate 1
	@516	1-0:1.8.2.255 3	Active energy import (+A) rate 2
	@522	1-0:1.8.3.255 3	Active energy import (+A) rate 3
	@528	1-0:1.8.4.255 3	Active energy import (+A) rate 4
	@	1-0:1.23.0.255 3	
	@	1-0:1.24.0.255 3	
	@	1-0:1.25.0.255 3	
	@	1-0:1.26.0.255 3	
	@1468	1-0:2.7.0.255 3	Instantaneous active export power (-A)
	@443	1-0:2.8.0.255 3	Active energy export (-A)
	@534	1-0:2.8.1.255 3	Active energy export (-A) rate 1
	@540	1-0:2.8.2.255 3	Active energy export (-A) rate 2
	@546	1-0:2.8.3.255 3	Active energy export (-A) rate 3

@552	1-0:2.8.4.255 3	Active energy export (-A) rate 4
@	1-0:2.23.0.255 3	
@	1-0:2.24.0.255 3	
@	1-0:2.25.0.255 3	
@	1-0:2.26.0.255 3	
@1474	1-0:3.7.0.255 3	Instantaneous reactive import power (+R)
@485	1-0:3.8.0.255 3	Reactive energy import (+R) (QI+QII)
@558	1-0:3.8.1.255 3	Reactive energy (+R) rate 1
@564	1-0:3.8.2.255 3	Reactive energy (+R) rate 2
@570	1-0:3.8.3.255 3	Reactive energy (+R) rate 3
@576	1-0:3.8.4.255 3	Reactive energy (+R) rate 4
@	1-0:3.23.0.255 3	
@	1-0:3.24.0.255 3	
@	1-0:3.25.0.255 3	
@	1-0:3.26.0.255 3	
@1480	1-0:4.7.0.255 3	Instantaneous reactive export power (-R)
@491	1-0:4.8.0.255 3	Reactive energy export (-R) (QIII+QIV)
@582	1-0:4.8.1.255 3	Reactive energy (-R) rate 1
@588	1-0:4.8.2.255 3	Reactive energy (-R) rate 2
@594	1-0:4.8.3.255 3	Reactive energy (-R) rate 3
@600	1-0:4.8.4.255 3	Reactive energy (-R) rate 4
@	1-0:4.23.0.255 3	
@	1-0:4.24.0.255 3	
@	1-0:4.25.0.255 3	
@	1-0:4.26.0.255 3	
@461	1-0:5.8.0.255 3	Reactive energy QI (+Ri)
@606	1-0:5.8.1.255 3	Reactive energy (QI) rate 1
@612	1-0:5.8.2.255 3	Reactive energy (QI) rate 2
@618	1-0:5.8.3.255 3	Reactive energy (QI) rate 3
@624	1-0:5.8.4.255 3	Reactive energy (QI) rate 4
@467	1-0:6.8.0.255 3	Reactive energy QII (+Rc)
@630	1-0:6.8.1.255 3	Reactive energy (QII) rate 1
@636	1-0:6.8.2.255 3	Reactive energy (QII) rate 2
@642	1-0:6.8.3.255 3	Reactive energy (QII) rate 3
@648	1-0:6.8.4.255 3	Reactive energy (QII) rate 4
@473	1-0:7.8.0.255 3	Reactive energy QIII (-Ri)
@654	1-0:7.8.1.255 3	Reactive energy (QIII) rate 1
@660	1-0:7.8.2.255 3	Reactive energy (QIII) rate 2
@666	1-0:7.8.3.255 3	Reactive energy (QIII) rate 3
@672	1-0:7.8.4.255 3	Reactive energy (QIII) rate 4
@479	1-0:8.8.0.255 3	Reactive energy QIV (-Rc)
@678	1-0:8.8.1.255 3	Reactive energy (QIV) rate 1
@684	1-0:8.8.2.255 3	Reactive energy (QIV) rate 2
@690	1-0:8.8.3.255 3	Reactive energy (QIV) rate 3
@696	1-0:8.8.4.255 3	Reactive energy (QIV) rate 4
@1486	1-0:9.7.0.255 3	Instantaneous apparent import power (+VA)
@497	1-0:9.8.0.255 3	Apparent energy import (+VA) (QI+QIV)
@702	1-0:9.8.1.255 3	Apparent energy import (+VA) rate 1
@708	1-0:9.8.2.255 3	Apparent energy import (+VA) rate 2
@714	1-0:9.8.3.255 3	Apparent energy import (+VA) rate 3
@720	1-0:9.8.4.255 3	Apparent energy import (+VA) rate 4
@1492	1-0:10.7.0.255 3	Instantaneous apparent export power (-VA)
@503	1-0:10.8.0.255 3	Apparent energy export (-VA) (QII+QIII)
@726	1-0:10.8.1.255 3	Apparent energy export (-VA) rate 1

	@732	1-0:10.8.2.255 3	Apparent energy export (-VA) rate 2
	@738	1-0:10.8.3.255 3	Apparent energy export (-VA) rate 3
	@744	1-0:10.8.4.255 3	Apparent energy export (-VA) rate 4
	@1193	1-0:12.31.0.255 3	Threshold for voltage sag
	@1253	1-0:12.35.0.255 3	Threshold for voltage swell
	@1313	1-0:12.39.0.255 3	Threshold for missing voltage (voltage
cut)			
	@1199	1-0:12.43.0.255 3	Time threshold for voltage sag
	@1259	1-0:12.44.0.255 3	Time threshold for voltage swell
	@1319	1-0:12.45.0.255 3	Time threshold for voltage cut
	@1537	1-0:13.7.0.255 3	Instantaneous Power factor (+A/+VA)
	@	1-0:13.23.0.255 3	
	@	1-0:13.24.0.255 3	
	@	1-0:13.25.0.255 3	
	@	1-0:13.26.0.255 3	
	@1450	1-0:14.7.0.255 3	Instantaneous net frequency; any phase
	@	1-0:14.23.0.255 3	
	@	1-0:14.24.0.255 3	
	@	1-0:14.25.0.255 3	
	@	1-0:14.26.0.255 3	
	@1456	1-0:15.7.0.255 3	Instantaneous active power (+A + -A)
	@449	1-0:15.8.0.255 3	Active energy (+A + -A) Combined total
	@750	1-0:15.8.1.255 3	Active energy Combined total (+A + -A)
rate 1			
	@756	1-0:15.8.2.255 3	Active energy Combined total (+A + -A)
rate 2			
	@762	1-0:15.8.3.255 3	Active energy Combined total (+A + -A)
rate 3			
	@768	1-0:15.8.4.255 3	Active energy Combined total (+A + -A)
rate 4			
	@	1-0:16.7.0.255 3	
	@455	1-0:16.8.0.255 3	Active energy (+A - -A) Combined total
	@	1-0:16.8.1.255 3	
	@	1-0:16.8.2.255 3	
	@	1-0:16.8.3.255 3	
	@	1-0:16.8.4.255 3	
	@	1-0:21.7.0.255 3	
	@	1-0:21.23.0.255 3	
	@	1-0:21.24.0.255 3	
	@	1-0:21.25.0.255 3	
	@	1-0:21.26.0.255 3	
	@	1-0:22.7.0.255 3	
	@	1-0:22.23.0.255 3	
	@	1-0:22.24.0.255 3	
	@	1-0:22.25.0.255 3	
	@	1-0:22.26.0.255 3	
	@	1-0:23.7.0.255 3	
	@	1-0:23.23.0.255 3	
	@	1-0:23.24.0.255 3	
	@	1-0:23.25.0.255 3	
	@	1-0:23.26.0.255 3	
	@	1-0:24.7.0.255 3	
	@	1-0:24.23.0.255 3	
	@	1-0:24.24.0.255 3	

@ 1-0:24.25.0.255|3
@ 1-0:24.26.0.255|3
@ 1-0:29.7.0.255|3
@ 1-0:30.7.0.255|3
@1363 1-0:31.7.0.255|3
@ 1-0:31.7.1.255|3
@ 1-0:31.7.2.255|3
@ 1-0:31.7.3.255|3
@ 1-0:31.7.4.255|3
@ 1-0:31.7.5.255|3
@ 1-0:31.7.6.255|3
@ 1-0:31.7.7.255|3
@ 1-0:31.7.8.255|3
@ 1-0:31.7.9.255|3
@ 1-0:31.7.10.255|3
@ 1-0:31.7.11.255|3
@ 1-0:31.7.12.255|3
@ 1-0:31.7.13.255|3
@ 1-0:31.7.14.255|3
@ 1-0:31.7.15.255|3
@ 1-0:31.7.16.255|3
@ 1-0:31.7.17.255|3
@ 1-0:31.7.18.255|3
@ 1-0:31.7.19.255|3
@ 1-0:31.7.20.255|3
@ 1-0:31.7.21.255|3
@ 1-0:31.7.124.255|3
@ 1-0:31.7.130.255|3
@ 1-0:31.7.131.255|3
@ 1-0:31.7.132.255|3
@ 1-0:31.7.133.255|3
@ 1-0:31.7.134.255|3
@ 1-0:31.7.135.255|3
@ 1-0:31.7.136.255|3
@ 1-0:31.7.137.255|3
@ 1-0:31.7.138.255|3
@ 1-0:31.7.139.255|3
@ 1-0:31.7.140.255|3
@ 1-0:31.7.141.255|3
@ 1-0:31.7.142.255|3
@ 1-0:31.7.143.255|3
@ 1-0:31.7.144.255|3
@ 1-0:31.7.145.255|3
@ 1-0:31.7.146.255|3
@ 1-0:31.7.147.255|3
@ 1-0:31.7.148.255|3
@ 1-0:31.7.149.255|3
@ 1-0:31.23.0.255|3
@ 1-0:31.24.0.255|3
@ 1-0:31.25.0.255|3
@ 1-0:31.26.0.255|3
@1351 1-0:32.7.0.255|3
@ 1-0:32.7.1.255|3
@ 1-0:32.7.2.255|3

Instantaneous current L1

Instantaneous voltage L1

@ 1-0:32.7.3.255|3
 @ 1-0:32.7.4.255|3
 @ 1-0:32.7.5.255|3
 @ 1-0:32.7.6.255|3
 @ 1-0:32.7.7.255|3
 @ 1-0:32.7.8.255|3
 @ 1-0:32.7.9.255|3
 @ 1-0:32.7.10.255|3
 @ 1-0:32.7.11.255|3
 @ 1-0:32.7.12.255|3
 @ 1-0:32.7.13.255|3
 @ 1-0:32.7.14.255|3
 @ 1-0:32.7.15.255|3
 @ 1-0:32.7.16.255|3
 @ 1-0:32.7.17.255|3
 @ 1-0:32.7.18.255|3
 @ 1-0:32.7.19.255|3
 @ 1-0:32.7.20.255|3
 @ 1-0:32.7.21.255|3
 @ 1-0:32.7.124.255|3
 @ 1-0:32.7.130.255|3
 @ 1-0:32.7.131.255|3
 @ 1-0:32.7.132.255|3
 @ 1-0:32.7.133.255|3
 @ 1-0:32.7.134.255|3
 @ 1-0:32.7.135.255|3
 @ 1-0:32.7.136.255|3
 @ 1-0:32.7.137.255|3
 @ 1-0:32.7.138.255|3
 @ 1-0:32.7.139.255|3
 @ 1-0:32.7.140.255|3
 @ 1-0:32.7.141.255|3
 @ 1-0:32.7.142.255|3
 @ 1-0:32.7.143.255|3
 @ 1-0:32.7.144.255|3
 @ 1-0:32.7.145.255|3
 @ 1-0:32.7.146.255|3
 @ 1-0:32.7.147.255|3
 @ 1-0:32.7.148.255|3
 @ 1-0:32.7.149.255|3
 @ 1-0:32.23.0.255|3
 @1357 1-0:32.24.0.255|3
 @ 1-0:32.25.0.255|3
 @ 1-0:32.26.0.255|3
 @1217 1-0:32.33.0.255|3
 @1235 1-0:32.34.0.255|3
 @1277 1-0:32.37.0.255|3
 @1295 1-0:32.38.0.255|3

Average voltage L1

Duration of last voltage sag in phase L1
 Magnitude of last voltage sag in phase L1
 Duration of last voltage swell in phase L1
 Magnitude of last voltage swell in phase

L1

@ 1-0:33.7.0.255|3
 @ 1-0:33.23.0.255|3
 @ 1-0:33.24.0.255|3
 @ 1-0:33.25.0.255|3
 @ 1-0:33.26.0.255|3

@ 1-0:35.7.0.255|3
@ 1-0:36.7.0.255|3
@ 1-0:41.7.0.255|3
@ 1-0:41.23.0.255|3
@ 1-0:41.24.0.255|3
@ 1-0:41.25.0.255|3
@ 1-0:41.26.0.255|3
@ 1-0:42.7.0.255|3
@ 1-0:42.23.0.255|3
@ 1-0:42.24.0.255|3
@ 1-0:42.25.0.255|3
@ 1-0:42.26.0.255|3
@ 1-0:43.7.0.255|3
@ 1-0:43.23.0.255|3
@ 1-0:43.24.0.255|3
@ 1-0:43.25.0.255|3
@ 1-0:43.26.0.255|3
@ 1-0:44.7.0.255|3
@ 1-0:44.23.0.255|3
@ 1-0:44.24.0.255|3
@ 1-0:44.25.0.255|3
@ 1-0:44.26.0.255|3
@ 1-0:49.7.0.255|3
@ 1-0:50.7.0.255|3
@1394 1-0:51.7.0.255|3
@ 1-0:51.7.1.255|3
@ 1-0:51.7.2.255|3
@ 1-0:51.7.3.255|3
@ 1-0:51.7.4.255|3
@ 1-0:51.7.5.255|3
@ 1-0:51.7.6.255|3
@ 1-0:51.7.7.255|3
@ 1-0:51.7.8.255|3
@ 1-0:51.7.9.255|3
@ 1-0:51.7.10.255|3
@ 1-0:51.7.11.255|3
@ 1-0:51.7.12.255|3
@ 1-0:51.7.13.255|3
@ 1-0:51.7.14.255|3
@ 1-0:51.7.15.255|3
@ 1-0:51.7.16.255|3
@ 1-0:51.7.17.255|3
@ 1-0:51.7.18.255|3
@ 1-0:51.7.19.255|3
@ 1-0:51.7.20.255|3
@ 1-0:51.7.21.255|3
@ 1-0:51.7.124.255|3
@ 1-0:51.7.130.255|3
@ 1-0:51.7.131.255|3
@ 1-0:51.7.132.255|3
@ 1-0:51.7.133.255|3
@ 1-0:51.7.134.255|3
@ 1-0:51.7.135.255|3
@ 1-0:51.7.136.255|3

Instantaneous current L2

@ 1-0:51.7.137.255|3
@ 1-0:51.7.138.255|3
@ 1-0:51.7.139.255|3
@ 1-0:51.7.140.255|3
@ 1-0:51.7.141.255|3
@ 1-0:51.7.142.255|3
@ 1-0:51.7.143.255|3
@ 1-0:51.7.144.255|3
@ 1-0:51.7.145.255|3
@ 1-0:51.7.146.255|3
@ 1-0:51.7.147.255|3
@ 1-0:51.7.148.255|3
@ 1-0:51.7.149.255|3
@ 1-0:51.23.0.255|3
@ 1-0:51.24.0.255|3
@ 1-0:51.25.0.255|3
@ 1-0:51.26.0.255|3
@1382 1-0:52.7.0.255|3
@ 1-0:52.7.1.255|3
@ 1-0:52.7.2.255|3
@ 1-0:52.7.3.255|3
@ 1-0:52.7.4.255|3
@ 1-0:52.7.5.255|3
@ 1-0:52.7.6.255|3
@ 1-0:52.7.7.255|3
@ 1-0:52.7.8.255|3
@ 1-0:52.7.9.255|3
@ 1-0:52.7.10.255|3
@ 1-0:52.7.11.255|3
@ 1-0:52.7.12.255|3
@ 1-0:52.7.13.255|3
@ 1-0:52.7.14.255|3
@ 1-0:52.7.15.255|3
@ 1-0:52.7.16.255|3
@ 1-0:52.7.17.255|3
@ 1-0:52.7.18.255|3
@ 1-0:52.7.19.255|3
@ 1-0:52.7.20.255|3
@ 1-0:52.7.21.255|3
@ 1-0:52.7.124.255|3
@ 1-0:52.7.130.255|3
@ 1-0:52.7.131.255|3
@ 1-0:52.7.132.255|3
@ 1-0:52.7.133.255|3
@ 1-0:52.7.134.255|3
@ 1-0:52.7.135.255|3
@ 1-0:52.7.136.255|3
@ 1-0:52.7.137.255|3
@ 1-0:52.7.138.255|3
@ 1-0:52.7.139.255|3
@ 1-0:52.7.140.255|3
@ 1-0:52.7.141.255|3
@ 1-0:52.7.142.255|3
@ 1-0:52.7.143.255|3

Instantaneous voltage L2

@ 1-0:52.7.144.255|3
@ 1-0:52.7.145.255|3
@ 1-0:52.7.146.255|3
@ 1-0:52.7.147.255|3
@ 1-0:52.7.148.255|3
@ 1-0:52.7.149.255|3
@ 1-0:52.23.0.255|3
@1388 1-0:52.24.0.255|3
@ 1-0:52.25.0.255|3
@ 1-0:52.26.0.255|3
@1223 1-0:52.33.0.255|3
@1241 1-0:52.34.0.255|3
@1283 1-0:52.37.0.255|3
@1301 1-0:52.38.0.255|3

Average voltage L2

Duration of last voltage sag in phase L2
Magnitude of last voltage sag in phase L2
Duration of last voltage swell in phase L2
Magnitude of last voltage swell in phase

L2

@ 1-0:53.7.0.255|3
@ 1-0:53.23.0.255|3
@ 1-0:53.24.0.255|3
@ 1-0:53.25.0.255|3
@ 1-0:53.26.0.255|3
@ 1-0:55.7.0.255|3
@ 1-0:56.7.0.255|3
@ 1-0:61.7.0.255|3
@ 1-0:61.23.0.255|3
@ 1-0:61.24.0.255|3
@ 1-0:61.25.0.255|3
@ 1-0:61.26.0.255|3
@ 1-0:62.7.0.255|3
@ 1-0:62.23.0.255|3
@ 1-0:62.24.0.255|3
@ 1-0:62.25.0.255|3
@ 1-0:62.26.0.255|3
@ 1-0:63.7.0.255|3
@ 1-0:63.23.0.255|3
@ 1-0:63.24.0.255|3
@ 1-0:63.25.0.255|3
@ 1-0:63.26.0.255|3
@ 1-0:64.7.0.255|3
@ 1-0:64.23.0.255|3
@ 1-0:64.24.0.255|3
@ 1-0:64.25.0.255|3
@ 1-0:64.26.0.255|3
@ 1-0:69.7.0.255|3
@ 1-0:70.7.0.255|3
@1425 1-0:71.7.0.255|3
@ 1-0:71.7.1.255|3
@ 1-0:71.7.2.255|3
@ 1-0:71.7.3.255|3
@ 1-0:71.7.4.255|3
@ 1-0:71.7.5.255|3
@ 1-0:71.7.6.255|3
@ 1-0:71.7.7.255|3
@ 1-0:71.7.8.255|3
@ 1-0:71.7.9.255|3

Instantaneous current L3

@ 1-0:71.7.10.255|3
@ 1-0:71.7.11.255|3
@ 1-0:71.7.12.255|3
@ 1-0:71.7.13.255|3
@ 1-0:71.7.14.255|3
@ 1-0:71.7.15.255|3
@ 1-0:71.7.16.255|3
@ 1-0:71.7.17.255|3
@ 1-0:71.7.18.255|3
@ 1-0:71.7.19.255|3
@ 1-0:71.7.20.255|3
@ 1-0:71.7.21.255|3
@ 1-0:71.7.124.255|3
@ 1-0:71.7.130.255|3
@ 1-0:71.7.131.255|3
@ 1-0:71.7.132.255|3
@ 1-0:71.7.133.255|3
@ 1-0:71.7.134.255|3
@ 1-0:71.7.135.255|3
@ 1-0:71.7.136.255|3
@ 1-0:71.7.137.255|3
@ 1-0:71.7.138.255|3
@ 1-0:71.7.139.255|3
@ 1-0:71.7.140.255|3
@ 1-0:71.7.141.255|3
@ 1-0:71.7.142.255|3
@ 1-0:71.7.143.255|3
@ 1-0:71.7.144.255|3
@ 1-0:71.7.145.255|3
@ 1-0:71.7.146.255|3
@ 1-0:71.7.147.255|3
@ 1-0:71.7.148.255|3
@ 1-0:71.7.149.255|3
@ 1-0:71.23.0.255|3
@ 1-0:71.24.0.255|3
@ 1-0:71.25.0.255|3
@ 1-0:71.26.0.255|3
@1413 1-0:72.7.0.255|3
@ 1-0:72.7.1.255|3
@ 1-0:72.7.2.255|3
@ 1-0:72.7.3.255|3
@ 1-0:72.7.4.255|3
@ 1-0:72.7.5.255|3
@ 1-0:72.7.6.255|3
@ 1-0:72.7.7.255|3
@ 1-0:72.7.8.255|3
@ 1-0:72.7.9.255|3
@ 1-0:72.7.10.255|3
@ 1-0:72.7.11.255|3
@ 1-0:72.7.12.255|3
@ 1-0:72.7.13.255|3
@ 1-0:72.7.14.255|3
@ 1-0:72.7.15.255|3
@ 1-0:72.7.16.255|3

Instantaneous voltage L3

@ 1-0:72.7.17.255|3
 @ 1-0:72.7.18.255|3
 @ 1-0:72.7.19.255|3
 @ 1-0:72.7.20.255|3
 @ 1-0:72.7.21.255|3
 @ 1-0:72.7.124.255|3
 @ 1-0:72.7.130.255|3
 @ 1-0:72.7.131.255|3
 @ 1-0:72.7.132.255|3
 @ 1-0:72.7.133.255|3
 @ 1-0:72.7.134.255|3
 @ 1-0:72.7.135.255|3
 @ 1-0:72.7.136.255|3
 @ 1-0:72.7.137.255|3
 @ 1-0:72.7.138.255|3
 @ 1-0:72.7.139.255|3
 @ 1-0:72.7.140.255|3
 @ 1-0:72.7.141.255|3
 @ 1-0:72.7.142.255|3
 @ 1-0:72.7.143.255|3
 @ 1-0:72.7.144.255|3
 @ 1-0:72.7.145.255|3
 @ 1-0:72.7.146.255|3
 @ 1-0:72.7.147.255|3
 @ 1-0:72.7.148.255|3
 @ 1-0:72.7.149.255|3
 @ 1-0:72.23.0.255|3
 @1419 1-0:72.24.0.255|3
 @ 1-0:72.25.0.255|3
 @ 1-0:72.26.0.255|3
 @1229 1-0:72.33.0.255|3
 @1247 1-0:72.34.0.255|3
 @1289 1-0:72.37.0.255|3
 @1307 1-0:72.38.0.255|3

Average voltage L3

Duration of last voltage sag in phase L3

Magnitude of last voltage sag in phase L3

Duration of last voltage swell in phase L3

Magnitude of last voltage swell in phase

L3

@ 1-0:73.7.0.255|3
 @ 1-0:73.23.0.255|3
 @ 1-0:73.24.0.255|3
 @ 1-0:73.25.0.255|3
 @ 1-0:73.26.0.255|3
 @ 1-0:75.7.0.255|3
 @ 1-0:76.7.0.255|3
 @ 1-0:81.7.1.255|3
 @ 1-0:81.7.2.255|3
 @ 1-0:81.7.4.255|3
 @ 1-0:81.7.12.255|3
 @ 1-0:81.7.15.255|3
 @ 1-0:81.7.26.255|3
 @ 1-0:84.7.0.255|3
 @ 1-0:84.23.0.255|3
 @ 1-0:84.24.0.255|3
 @ 1-0:84.25.0.255|3
 @ 1-0:84.26.0.255|3
 @ 1-0:85.7.0.255|3

@ 1-0:85.23.0.255|3
 @ 1-0:85.24.0.255|3
 @ 1-0:85.25.0.255|3
 @ 1-0:85.26.0.255|3
 @ 1-0:86.7.0.255|3
 @ 1-0:86.23.0.255|3
 @ 1-0:86.24.0.255|3
 @ 1-0:86.25.0.255|3
 @ 1-0:86.26.0.255|3
 @ 1-0:87.7.0.255|3
 @ 1-0:87.23.0.255|3
 @ 1-0:87.24.0.255|3
 @ 1-0:87.25.0.255|3
 @ 1-0:87.26.0.255|3
 @1444 1-0:90.7.0.255|3
 phases)
 @ 1-0:90.23.0.255|3
 @ 1-0:90.24.0.255|3
 @ 1-0:90.25.0.255|3
 @ 1-0:90.26.0.255|3
 @ 1-0:91.7.0.255|3
 @ 1-0:91.23.0.255|3
 @ 1-0:91.24.0.255|3
 @ 1-0:91.25.0.255|3
 @ 1-0:91.26.0.255|3
 @ 1-0:96.84.36.255|3
 @ 1-0:96.84.37.255|3
 @ 1-0:96.84.38.255|3
 @ 1-0:96.84.39.255|3
 @ 1-0:96.84.40.255|3
 @ 1-0:96.84.41.255|3
 @ 1-0:96.84.42.255|3
 @ 1-0:96.84.43.255|3
 @ 1-0:160.7.0.255|3
 @ 1-0:160.23.0.255|3
 @ 1-0:160.24.0.255|3
 @ 1-0:160.25.0.255|3
 @ 1-0:160.26.0.255|3
 @ 1-0:161.7.0.255|3
 @ 1-0:161.23.0.255|3
 @ 1-0:161.24.0.255|3
 @ 1-0:161.25.0.255|3
 @ 1-0:161.26.0.255|3
 @ 1-0:162.26.0.255|3
 @ 1-0:163.26.0.255|3
 @ 1-0:164.26.0.255|3
 @853 1-0:1.5.0.255|4
 energy import (+A)
 @901 1-0:1.6.0.255|4
 import (+A)
 @909 1-0:1.6.1.255|4
 import (+A) - rate 1
 @917 1-0:1.6.2.255|4
 import (+A) - rate 2

Instantaneous current (sum over all

Last Average Demand Register 1 - Active

Maximum Demand Register 1 - Active energy

Maximum Demand Register 2 - Active energy

Maximum Demand Register 3 - Active energy

import (+A) - rate 3	@925 1-0:1.6.3.255 4	Maximum Demand Register 4 - Active energy
import (+A) - rate 4	@933 1-0:1.6.4.255 4	Maximum Demand Register 5 - Active energy
energy export (-A)	@861 1-0:2.5.0.255 4	Last Average Demand Register 2 - Active
export (-A)	@941 1-0:2.6.0.255 4	Maximum Demand Register 6 - Active energy
export (-A) - rate 1	@949 1-0:2.6.1.255 4	Maximum Demand Register 7 - Active energy
export (-A) - rate 2	@957 1-0:2.6.2.255 4	Maximum Demand Register 8 - Active energy
export (-A) - rate 3	@965 1-0:2.6.3.255 4	Maximum Demand Register 9 - Active energy
export (-A) - rate 4	@973 1-0:2.6.4.255 4	Maximum Demand Register 10 - Active energy
energy import (+R)	@869 1-0:3.5.0.255 4	Last Average Demand Register 3 - Reactive
energy import (+R)	@981 1-0:3.6.0.255 4	Maximum Demand Register 11 - Reactive
energy import (+R) - rate 1	@989 1-0:3.6.1.255 4	Maximum Demand Register 12 - Reactive
energy import (+R) - rate 2	@997 1-0:3.6.2.255 4	Maximum Demand Register 13 - Reactive
energy import (+R) - rate 3	@1005 1-0:3.6.3.255 4	Maximum Demand Register 14 - Reactive
energy import (+R) - rate 4	@1013 1-0:3.6.4.255 4	Maximum Demand Register 15 - Reactive
energy export (-R)	@877 1-0:4.5.0.255 4	Last Average Demand Register 4 - Reactive
energy export (-R)	@1021 1-0:4.6.0.255 4	Maximum Demand Register 16 - Reactive
energy export (-R) - rate 1	@1029 1-0:4.6.1.255 4	Maximum Demand Register 17 - Reactive
energy export (-R) - rate 2	@1037 1-0:4.6.2.255 4	Maximum Demand Register 18 - Reactive
energy export (-R) - rate 3	@1045 1-0:4.6.3.255 4	Maximum Demand Register 19 - Reactive
energy export (-R) - rate 4	@1053 1-0:4.6.4.255 4	Maximum Demand Register 20 - Reactive
(+A)	@775 1-0:1.4.0.255 5	Demand Register 1 - Active energy import
(-A)	@1498 1-0:1.24.0.255 5	Average Import Power (+A)
(+R)	@788 1-0:2.4.0.255 5	Demand Register 2 - Active energy export
(-R)	@801 1-0:3.4.0.255 5	Demand Register 3 - Reactive energy import
	@814 1-0:4.4.0.255 5	Demand Register 4 - Reactive energy export
	@1524 1-0:15.4.0.255 5	Average Total Power (+A + -A)
	@1511 1-0:16.24.0.255 5	Average Net Power (+A - -A)
	@1369 1-0:31.4.0.255 5	Sliding Average current L1 (for fuse)

supervision)			
	@1400	1-0:51.4.0.255 5	Sliding Average current L2 (for fuse
supervision)			
	@1431	1-0:71.4.0.255 5	Sliding Average current L3 (for fuse
supervision)			
	@129	0-0:14.0.1.255 6	Register activation - Energy
	@135	0-0:14.0.2.255 6	Register activation - Maximum Demand
	@	0-0:21.0.1.255 7	
	@	0-0:21.0.2.255 7	
	@	0-0:96.70.6.255 7	
	@	0-0:96.70.7.255 7	
	@	0-0:96.70.8.255 7	
	@	0-0:96.83.68.255 7	
	@158	0-0:98.1.0.255 7	Data of billing period 1
	@301	0-0:99.98.0.255 7	Standard Event Log
	@316	0-0:99.98.1.255 7	Fraud Detection Log
	@193	0-0:99.98.2.255 7	Disconnecter Control Log
	@1340	0-0:99.98.4.255 7	Power Quality Log
	@331	0-0:99.98.5.255 7	Communication Log
	@	0-0:99.98.24.255 7	
	@	0-0:99.98.26.255 7	
	@1146	1-0:99.1.0.255 7	Load profile with period 1 i.e. General
Load Profile			
	@1161	1-0:99.2.0.255 7	Load profile with period 2 i.e. Daily
Values Profile			
	@	1-0:99.14.0.255 7	
	@1325	1-0:99.97.0.255 7	Power Failure Event Log
	@75	0-0:1.0.0.255 8	Clock
	@147	0-0:10.0.1.255 9	Predefined Scripts - MDI reset / end of
billing period			
	@141	0-0:10.0.100.255 9	Tariffication script table
	@204	0-0:10.0.103.255 9	Load Mgmt script table
	@176	0-0:10.0.106.255 9	Disconnecter script table
	@407	0-0:10.0.107.255 9	Predefined Scripts - Image activation
	@2139	0-0:10.0.108.255 9	Push script table
	@	0-0:10.0.109.255 9	
	@	0-0:10.2.0.255 9	
	@125	0-0:11.0.0.255 11	Special Days Table
	@9	0-0:40.0.0.255 15	Current association
	@	0-0:40.0.2.255 15	
	@	0-0:40.0.3.255 15	
	@	0-0:40.0.4.255 15	
	@4	0-0:41.0.0.255 17	SAP Assignment
	@388	0-0:44.0.0.255 18	Image transfer
	@2001	0-0:20.0.0.255 19	IEC local port setup - IEC Optical port
	@112	0-0:13.0.0.255 20	Activity Calendar
	@	0-0:16.0.1.255 21	
	@273	0-0:16.1.0.255 21	Alarm Monitor 1
	@291	0-0:16.1.1.255 21	Alarm Monitor 2
	@238	1-0:31.4.0.255 21	Supervision monitor 1 - Fuse supervision
L1			
	@244	1-0:51.4.0.255 21	Supervision monitor 2 - Fuse supervision
L2			
	@250	1-0:71.4.0.255 21	Supervision monitor 3 - Fuse supervision

L3

@152	0-0:15.0.0.255 22	End of billing period 1 scheduler
@170	0-0:15.0.1.255 22	Disconnect control scheduler
@401	0-0:15.0.2.255 22	Image transfer activation scheduler
@	0-0:15.0.5.255 22	
@2144	0-1:15.0.4.255 22	Push action scheduler - Interval_1
@2150	0-2:15.0.4.255 22	Push action scheduler - Interval_2
@2156	0-3:15.0.4.255 22	Push action scheduler - Interval_3
@351	0-4:15.0.4.255 22	Push action scheduler - Consumer

Information

@2012	0-0:22.0.0.255 23	IEC HDLC setup - HDLC Optical port
@2183	0-0:2.0.0.255 27	Modem configuration
@2189	0-0:2.2.0.255 28	Auto answer
@2163	0-0:2.1.0.255 29	Auto connect
@2109	0-0:25.9.0.255 40	Push setup - On Connectivity
@2069	0-1:25.9.0.255 40	Push setup - Interval_1
@2079	0-2:25.9.0.255 40	Push setup - Interval_2
@2089	0-3:25.9.0.255 40	Push setup - Interval_3
@2099	0-4:25.9.0.255 40	Push setup - On Alarm
@2129	0-5:25.9.0.255 40	Push setup - On Power down
@357	0-6:25.9.0.255 40	Push setup - Consumer Information
@2119	0-7:25.9.0.255 40	Push setup - On Installation
@	0-8:25.9.0.255 40	
@	0-9:25.9.0.255 40	
@2024	0-0:25.0.0.255 41	TCP-UDP setup
@2032	0-0:25.1.0.255 42	IPv4 setup
@2172	0-0:25.2.0.255 43	MAC address setup
@2061	0-0:25.3.0.255 44	PPP setup
@2177	0-0:25.4.0.255 45	GPRS modem setup
@2047	0-0:25.7.0.255 48	IPv6 setup
@24	0-0:43.0.0.255 64	Security setup
@	0-0:43.0.2.255 64	
@	0-0:43.0.3.255 64	
@	0-0:43.0.4.255 64	
@	0-0:43.0.5.255 64	
@181	0-0:96.3.10.255 70	Disconnect control
@209	0-1:96.3.10.255 70	Load Mgmt - Relay control 1
@225	0-0:17.0.0.255 71	Limiter
@2199	0-0:29.0.0.255 90	G3-PLC MAC layer counters
@2212	0-0:29.1.0.255 91	G3-PLC MAC setup
@2237	0-0:29.2.0.255 92	G3-PLC MAC 6LoWPAN adaptation layer setup
@	0-0:44.2.0.255 124	
@	0-1:44.2.0.255 124	
@	0-2:44.2.0.255 124	
@	0-3:44.2.0.255 124	
@	0-4:44.2.0.255 124	

Test Case 4 : Get public attributes, 15 item(s)

Public Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name
PASSED

```
<Data>
  <OctetString Value="0000290000FF" />
</Data>
(2) .SAP_assignment_list
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <OctetString Value="\AUX1030345000003" />
      </Structure>
    </Array>
  </Data>

Public Get Current association 0-0:40.0.0.255 (@9)
(3) .logical_name
PASSED
  <Data>
    <OctetString Value="0000280000FF" />
  </Data>
(4) .associated_partners_id
PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="10" />
      <LongUnsigned Value="0001" />
    </Structure>
  </Data>
(5) .application_context_name
PASSED
  <Data>
    <OctetString Value="60857405080101" />
  </Data>
(6) .xDLMS_context_info
PASSED
  <Data>
    <Structure Qty="0006" >
      <BitString Value="0110000000001101010011101" />
      <LongUnsigned Value="0216" />
      <LongUnsigned Value="0216" />
      <Unsigned Value="06" />
      <Integer Value="00" />
      <OctetString Value="30303030303030002030F021603000203" />
    </Structure>
  </Data>
(7) .authentication_mechanism_name
PASSED
  <Data>
    <OctetString Value="60857405080200" />
  </Data>
(8) .association_status
PASSED
  <Data>
    <Enum Value="02" />
  </Data>
```

```
    </Data>
(9) .security_setup_reference
PASSED
    <Data>
      <OctetString Value="00002B0000FF" />
    </Data>
```

Public Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255 (@33)

```
(10) .logical_name
PASSED
    <Data>
      <OctetString Value="00002B0101FF" />
    </Data>
```

```
(11) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
```

Public Get Security - Receive frame counter - unicast key 0-0:43.1.0.255 (@37)

```
(12) .logical_name
PASSED
    <Data>
      <OctetString Value="00002B0100FF" />
    </Data>
```

```
(13) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="73E21643" />
    </Data>
```

Public Get COSEM logical device name 0-0:42.0.0.255 (@42)

```
(14) .logical_name
PASSED
    <Data>
      <OctetString Value="00002A0000FF" />
    </Data>
```

```
(15) .value
PASSED
    <Data>
      <OctetString Value="\AUX1030345000003" />
    </Data>
```

```
*****
Test Case 5 : Get mngmt attributes, 1314 item(s)
*****
```

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)

```
(1) .logical_name
PASSED
    <Data>
      <OctetString Value="0000290000FF" />
```

```
    </Data>
(2) .SAP_assignment_list
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <OctetString Value="\AUX1030345000003" />
            </Structure>
        </Array>
    </Data>

Mngmt Get Current association 0-0:40.0.0.255 (@9)
(3) .logical_name
PASSED
    <Data>
        <OctetString Value="0000280000FF" />
    </Data>
(4) .associated_partners_id
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="01" />
            <LongUnsigned Value="0001" />
        </Structure>
    </Data>
(5) .application_context_name
PASSED
    <Data>
        <OctetString Value="60857405080103" />
    </Data>
(6) .xDLMS_context_info
PASSED
    <Data>
        <Structure Qty="0006" >
            <BitString Value="011000000001101010011101" />
            <LongUnsigned Value="0216" />
            <LongUnsigned Value="0216" />
            <Unsigned Value="06" />
            <Integer Value="00" />
            <OctetString Value="3030303030330002030F021603000203" />
        </Structure>
    </Data>
(7) .authentication_mechanism_name
PASSED
    <Data>
        <OctetString Value="60857405080205" />
    </Data>
(8) .association_status
PASSED
    <Data>
        <Enum Value="02" />
    </Data>
(9) .security_setup_reference
```

PASSED

```
<Data>
  <OctetString Value="00002B0000FF" />
</Data>
```

Mngmt Get Security setup 0-0:43.0.0.255 (@24)
(10) .logical_name

PASSED

```
<Data>
  <OctetString Value="00002B0000FF" />
</Data>
```

(11) .security_policy

PASSED

```
<Data>
  <Enum Value="00" />
</Data>
```

(12) .security_suite

PASSED

```
<Data>
  <Enum Value="00" />
</Data>
```

(13) .client_system_title

PASSED

```
<Data>
  <OctetString Value="58585A0102030405" />
</Data>
```

(14) .server_system_title

PASSED

```
<Data>
  <OctetString Value="4155586732AEA543" />
</Data>
```

Mngmt Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255
(@33)

(15) .logical_name

PASSED

```
<Data>
  <OctetString Value="00002B0101FF" />
</Data>
```

(16) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

Mngmt Get Security - Receive frame counter - unicast key 0-0:43.1.0.255
(@37)

(17) .logical_name

PASSED

```
<Data>
  <OctetString Value="00002B0100FF" />
</Data>
```

(18) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="73E216FC" />
</Data>
```

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)

(19) .logical_name

PASSED

```
<Data>
  <OctetString Value="00002A0000FF" />
</Data>
```

(20) .value

PASSED

```
<Data>
  <OctetString Value="\AUX1030345000003" />
</Data>
```

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)

(21) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600100FF" />
</Data>
```

(22) .value

PASSED

```
<Data>
  <OctetString Value="\45000003" />
</Data>
```

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)

(23) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600101FF" />
</Data>
```

(24) .value

PASSED

```
<Data>
  <OctetString Value="\SANXING SMART ELECTRIC" />
</Data>
```

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)

(25) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600102FF" />
</Data>
```

(26) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)

(27) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600103FF" />
</Data>
```

(28) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)

(29) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600104FF" />
</Data>
```

(30) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)

(31) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600105FF" />
</Data>
```

(32) .value

PASSED

```
<Data>
  <OctetString Value="\Device ID6" />
</Data>
```

Mngmt Get Currently active energy tariff 0-0:96.14.0.255 (@70)

(33) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600E00FF" />
</Data>
```

(34) .value

PASSED

```
<Data>
  <OctetString Value="\RATE1" />
</Data>
```

Mngmt Get Clock 0-0:1.0.0.255 (@75)

(35) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000010000FF" />
</Data>
```

(36) .time

PASSED


```
    <Data>
      <OctetString Value="07E70801020A3825FFFF8880" />
    </Data>
(37) .time_zone
PASSED
    <Data>
      <Long Value="FFC4" />
    </Data>
(38) .status
PASSED
    <Data>
      <Unsigned Value="80" />
    </Data>
(39) .daylights_savings_begin
PASSED
    <Data>
      <OctetString Value="FFFF03FE07020000008000FF" />
    </Data>
(40) .daylights_savings_end
PASSED
    <Data>
      <OctetString Value="FFFF0AFE07030000008000FF" />
    </Data>
(41) .daylights_savings_deviation
PASSED
    <Data>
      <Integer Value="3C" />
    </Data>
(42) .daylights_savings_enabled
PASSED
    <Data>
      <Boolean Value="01" />
    </Data>
(43) .clock_base
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
```

```
Mngmt Get Local Time 1-0:0.9.1.255 (@86)
(44) .logical_name
INAPPLICABLE
  Optional object is not implemented
(45) .value
INAPPLICABLE
  Optional object is not implemented
```

```
Mngmt Get Local Date 1-0:0.9.2.255 (@90)
(46) .logical_name
INAPPLICABLE
  Optional object is not implemented
(47) .value
INAPPLICABLE
  Optional object is not implemented
```

Mngmt Get Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(48) .logical_name

PASSED

```
<Data>
  <OctetString Value="010000090BFF" />
</Data>
```

(49) .value

PASSED

```
<Data>
  <Unsigned Value="3C" />
</Data>
```

(50) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="07" />
  </Structure>
</Data>
```

Mngmt Get NTP setup 0-0:25.10.0.255 (@100)

(51) .logical_name

INAPPLICABLE

Optional object is not implemented

(52) .activated

INAPPLICABLE

Optional object is not implemented

(53) .server_address

INAPPLICABLE

Optional object is not implemented

(54) .server_port

INAPPLICABLE

Optional object is not implemented

(55) .authentication_method

INAPPLICABLE

Optional object is not implemented

Mngmt Get Activity Calendar 0-0:13.0.0.255 (@112)

(56) .logical_name

PASSED

```
<Data>
  <OctetString Value="00000D0000FF" />
</Data>
```

(57) .calendar_name_active

PASSED

```
<Data>
  <OctetString Value="\nSEASoN" />
</Data>
```

(58) .season_profile_active

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0003" >
```

```

        <OctetString Value="\1" />
        <OctetString Value="FFFF0501FFFFFFFFFFFF8000FF" />
        <OctetString Value="\1" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="\2" />
        <OctetString Value="FFFF0B01FFFFFFFFFFFF8000FF" />
        <OctetString Value="\2" />
    </Structure>
</Array>
</Data>

```

(59) .week_profile_table_active
PASSED

```

<Data>
  <Array Qty="0002" >
    <Structure Qty="0008" >
      <OctetString Value="\1" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
    </Structure>
    <Structure Qty="0008" >
      <OctetString Value="\2" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>

```

(60) .day_profile_table_active
PASSED

```

<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <Unsigned Value="01" />
    </Structure>
    <Array Qty="0002" >
      <Structure Qty="0003" >
        <OctetString Value="07000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="17000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Array>
  </Array>
</Data>

```

```

    </Array>
  </Structure>
  <Structure Qty="0002" >
    <Unsigned Value="02" />
    <Array Qty="0004" >
      <Structure Qty="0003" >
        <OctetString Value="02000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="08000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="0F000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="11000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Array>
  </Structure>
</Array>
</Data>
(61) .calendar_name_passive
PASSED
  <Data>
    <OctetString Value="\CNP_F41F" />
  </Data>
(62) .season_profile_passive
PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0003" >
        <OctetString Value="\1" />
        <OctetString Value="FFFF0501FFFFFFFFFFFF8000FF" />
        <OctetString Value="\1" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="\2" />
        <OctetString Value="FFFF0B01FFFFFFFFFFFF8000FF" />
        <OctetString Value="\2" />
      </Structure>
    </Array>
  </Data>
(63) .week_profile_table_passive
PASSED
  <Data>
    <Array Qty="0002" >

```

```

<Structure Qty="0008" >
  <OctetString Value="\1" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
  <Unsigned Value="01" />
</Structure>
<Structure Qty="0008" >
  <OctetString Value="\2" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>
(64) .day_profile_table_passive
PASSED
<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <Unsigned Value="01" />
      <Array Qty="0002" >
        <Structure Qty="0003" >
          <OctetString Value="07000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0001" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="17000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0002" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <Unsigned Value="02" />
      <Array Qty="0004" >
        <Structure Qty="0003" >
          <OctetString Value="02000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0002" />
        </Structure>
        <Structure Qty="0003" >
          <OctetString Value="08000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0001" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>

```

```

        <Structure Qty="0003" >
            <OctetString Value="0F000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0002" />
        </Structure>
        <Structure Qty="0003" >
            <OctetString Value="11000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0001" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>
(65) .activate_passive_calendar_time
PASSED
    <Data>
        <OctetString Value="07F8050304000000FF8000FF" />
    </Data>

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)
(66) .logical_name
PASSED
    <Data>
        <OctetString Value="00000B0000FF" />
    </Data>
(67) .entries
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>

Mngmt Get Register activation - Energy 0-0:14.0.1.255 (@129)
(68) .logical_name
PASSED
    <Data>
        <OctetString Value="00000E0001FF" />
    </Data>
(69) .register_assignment
PASSED
    <_Data>
        <Array Qty="003C" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010801FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010802FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010803FF" />
            </Structure>
        </Array>
    </_Data>

```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100010804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040804FF" />
</Structure>
<Structure Qty="0002" >
```

```
<LongUnsigned Value="0003" />
  <OctetString Value="0100050801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080802FF" />
</Structure>
```



```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000F0801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000F0802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000F0803FF" />
</Structure>
<Structure Qty="0002" >
```

```
<LongUnsigned Value="0003" />
<OctetString Value="01000F0804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100010901FF" />
</Structure>
<Structure Qty="0002" >
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  <OctetString Value="0100010902FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100010903FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100010904FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020901FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020902FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020903FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020904FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030901FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030902FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030903FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100030904FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040901FF" />
</Structure>
```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040902FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040903FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040904FF" />
</Structure>
</Array>
</_Data>
(70) .mask_list
PASSED
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\RATE1" />
      <Array Qty="000F" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
        <Unsigned Value="31" />
        <Unsigned Value="35" />
        <Unsigned Value="39" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE2" />
      <Array Qty="000F" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
        <Unsigned Value="2A" />
        <Unsigned Value="2E" />
      </Array>
    </Structure>
  </Array>
</Data>
```

```

        <Unsigned Value="32" />
        <Unsigned Value="36" />
        <Unsigned Value="3A" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE3" />
    <Array Qty="000F" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
        <Unsigned Value="2B" />
        <Unsigned Value="2F" />
        <Unsigned Value="33" />
        <Unsigned Value="37" />
        <Unsigned Value="3B" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000F" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
        <Unsigned Value="2C" />
        <Unsigned Value="30" />
        <Unsigned Value="34" />
        <Unsigned Value="38" />
        <Unsigned Value="3C" />
    </Array>
</Structure>
</Array>
</Data>
(71) .active_mask
PASSED
<Data>
    <OctetString Value="\RATE1" />
</Data>

```

Mngmt Get Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(72) .logical_name
PASSED

```
<Data>  
  <OctetString Value="00000E0002FF" />  
</Data>
```

(73) .register_assignment
PASSED

```
<_Data>  
  <Array Qty="0028" >  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100010601FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100010602FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100010603FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100010604FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100020601FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100020602FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100020603FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100020604FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100030601FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100030602FF" />  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <OctetString Value="0100030603FF" />  
    </Structure>  
    <Structure Qty="0002" >
```

```
<LongUnsigned Value="0004" />
<OctetString Value="0100030604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100050601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100050602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100050603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100050604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100060601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100060602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100060603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100060604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100070601FF" />
```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100070602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100070603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100070604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100080601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100080602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100080603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100080604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100090601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100090602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100090603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100090604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000A0601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="01000A0602FF" />
</Structure>
<Structure Qty="0002" >
```

```
        <LongUnsigned Value="0004" />
        <OctetString Value="01000A0603FF" />
    </Structure>
    <Structure Qty="0002" >
        <LongUnsigned Value="0004" />
        <OctetString Value="01000A0604FF" />
    </Structure>
</Array>
</_Data>
(74) .mask_list
PASSED
```

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\RATE1" />
      <Array Qty="000A" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE2" />
      <Array Qty="000A" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE3" />
      <Array Qty="000A" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
      </Array>
    </Structure>
  </Array>
```



```

        <Unsigned Value="23" />
        <Unsigned Value="27" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000A" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
    </Array>
</Structure>
</Array>
</Data>
(75) .active_mask
PASSED
    <Data>
        <OctetString Value="\RATE1" />
    </Data>

Mngmt Get Tariffication script table 0-0:10.0.100.255 (@141)
(76) .logical_name
PASSED
    <Data>
        <OctetString Value="00000A0064FF" />
    </Data>
(77) .scripts
PASSED
    <_Data>
        <Array Qty="0008" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <Array Qty="0003" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0006" />
                        <OctetString Value="00000E0001FF" />
                        <Integer Value="04" />
                        <OctetString Value="\RATE1" />
                    </Structure>
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0006" />
                        <OctetString Value="00000E0002FF" />
                        <Integer Value="04" />
                        <OctetString Value="\RATE1" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </_Data>

```

```
<Structure Qty="0005" >
  <Enum Value="01" />
  <LongUnsigned Value="0046" />
  <OctetString Value="000160030AFF" />
  <Integer Value="03" />
  <Enum Value="01" />
</Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0002" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />

```

```
        <LongUnsigned Value="0046" />
        <OctetString Value="000160030AFF" />
        <Integer Value="03" />
        <Enum Value="01" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="01" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0005" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE1" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE1" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
        </Structure>
    </Array>
</Structure>
```

```
        <Integer Value="03" />
        <Enum Value="02" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0006" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE2" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE2" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="02" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0007" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE3" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE3" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="02" />
        </Structure>
    </Array>
</Structure>
```

```

        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0008" />
    <Array Qty="0003" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\RATE4" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000160030AFF" />
            <Integer Value="03" />
            <Enum Value="02" />
        </Structure>
    </Array>
</Structure>
</Array>
</_Data>

```

Mngmt Get Predefined Scripts - MDI reset / end of billing period
0-0:10.0.1.255 (@147)
(78) .logical_name
PASSED

```

    <Data>
        <OctetString Value="00000A0001FF" />
    </Data>

```

(79) .scripts
INAPPLICABLE
Optional access right not available

Mngmt Get End of billing period 1 scheduler 0-0:15.0.0.255 (@152)
(80) .logical_name
PASSED

```

    <Data>
        <OctetString Value="00000F0000FF" />
    </Data>

```

(81) .executed_script
PASSED

```

    <Data>
        <Structure Qty="0002" >
            <OctetString Value="00000A0001FF" />

```

```

        <LongUnsigned Value="0001" />
    </Structure>
</Data>
(82) .type
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(83) .execution_time
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <OctetString Value="00000000" />
                <OctetString Value="FFFFFF01FF" />
            </Structure>
        </Array>
    </Data>

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(84) .logical_name
PASSED
    <Data>
        <OctetString Value="0000620100FF" />
    </Data>
(85) .capture_objects
PASSED
    <Data>
        <Array Qty="0005" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010801FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010802FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100020801FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100020801FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>

```

```

        <LongUnsigned Value="0003" />
        <OctetString Value="0100020802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(86) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(87) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(88) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(89) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
(90) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>

Mngmt Get Disconnect control scheduler 0-0:15.0.1.255 (@170)
(91) .logical_name
PASSED
    <Data>
        <OctetString Value="00000F0001FF" />
    </Data>
(92) .executed_script
PASSED
    <Data>
        <Structure Qty="0002" >
            <OctetString Value="00000A006AFF" />
            <LongUnsigned Value="0003" />
        </Structure>
    </Data>
(93) .type
PASSED

```

```

    <Data>
      <Enum Value="01" />
    </Data>
(94) .execution_time
PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <OctetString Value="FFFFFFFF" />
          <OctetString Value="FFFFFFFFFFFF" />
        </Structure>
      </Array>
    </Data>

Mngmt Get Disconnecter script table 0-0:10.0.106.255 (@176)
(95) .logical_name
PASSED
    <Data>
      <OctetString Value="00000A006AFF" />
    </Data>
(96) .scripts
PASSED
    <Data>
      <Array Qty="0004" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="02" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0002" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="01" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0003" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="02" />
              <LongUnsigned Value="0046" />
            </Structure>
          </Array>
        </Structure>
      </Array>
    </Data>

```



```
        <OctetString Value="000060030AFF" />
        <Integer Value="01" />
        <Integer Value="00" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000060030AFF" />
            <Integer Value="02" />
            <Integer Value="00" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>
```

Mngmt Get Disconnect control 0-0:96.3.10.255 (@181)

(97) .logical_name

PASSED

```
<Data>
    <OctetString Value="000060030AFF" />
</Data>
```

(98) .output_state

PASSED

```
<Data>
    <Boolean Value="01" />
</Data>
```

(99) .control_state

PASSED

```
<Data>
    <Enum Value="01" />
</Data>
```

(100) .control_mode

PASSED

```
<Data>
    <Enum Value="04" />
</Data>
```

Mngmt Get Event Object - Disconnect Control log 0-0:96.11.2.255 (@189)

(101) .logical_name

PASSED

```
<Data>
    <OctetString Value="0000600B02FF" />
</Data>
```

(102) .value

PASSED

```
<Data>
    <LongUnsigned Value="0045" />
</Data>
```

Mngmt Get Disconnect Control Log 0-0:99.98.2.255 (@193)
(103) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0000636202FF" />  
</Data>
```

(104) .capture_objects
PASSED

```
<Data>  
  <Array Qty="0003" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0001" />  
      <OctetString Value="0000600B02FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0047" />  
      <OctetString Value="0000110000FF" />  
      <Integer Value="03" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```

(105) .capture_period
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(106) .sort_method
PASSED

```
<Data>  
  <Enum Value="01" />  
</Data>
```

(107) .sort_object
PASSED

```
<Data>  
  <Structure Qty="0004" >  
    <LongUnsigned Value="0008" />  
    <OctetString Value="0000010000FF" />  
    <Integer Value="02" />  
    <LongUnsigned Value="00FE" />  
  </Structure>  
</Data>
```

(108) .entries_in_use
PASSED

```
<Data>
```

```

        <DoubleLongUnsigned Value="00000005" />
    </Data>
(109) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Load Mgmt script table 0-0:10.0.103.255 (@204)
(110) .logical_name
PASSED
    <Data>
        <OctetString Value="00000A0067FF" />
    </Data>

(111) .scripts
PASSED
    <Data>
        <Array Qty="0004" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="000160030AFF" />
                        <Integer Value="03" />
                        <Enum Value="02" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0002" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="01" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="000160030AFF" />
                        <Integer Value="03" />
                        <Enum Value="01" />
                    </Structure>
                </Array>
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0003" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="02" />
                        <LongUnsigned Value="0046" />
                        <OctetString Value="000160030AFF" />
                        <Integer Value="01" />
                        <Integer Value="00" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </Data>

```

```
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="02" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>
```

Mngmt Get Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)

(112) .logical_name

PASSED

```
<Data>
  <OctetString Value="000160030AFF" />
</Data>
```

(113) .output_state

PASSED

```
<Data>
  <Boolean Value="00" />
</Data>
```

(114) .control_state

PASSED

```
<Data>
  <Enum Value="02" />
</Data>
```

(115) .control_mode

PASSED

```
<Data>
  <Enum Value="06" />
</Data>
```

Mngmt Get Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)

(116) .logical_name

INAPPLICABLE

Optional object is not implemented

(117) .output_state

INAPPLICABLE

Optional object is not implemented

(118) .control_state

INAPPLICABLE

Optional object is not implemented

(119) .control_mode

INAPPLICABLE

Optional object is not implemented

Mngmt Get Limiter 0-0:17.0.0.255 (@225)

(120) .logical_name

PASSED

```

    <Data>
      <OctetString Value="0000110000FF" />
    </Data>
(121) .monitored_value
PASSED
    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0005" />
        <OctetString Value="0100011800FF" />
        <Integer Value="02" />
      </Structure>
    </Data>
(122) .threshold_active
PASSED
    <Data>
      <DoubleLongUnsigned Value="00021B10" />
    </Data>
(123) .threshold_normal
PASSED
    <Data>
      <DoubleLongUnsigned Value="00010D88" />
    </Data>
(124) .treshold_emergency
PASSED
    <Data>
      <DoubleLongUnsigned Value="00010D88" />
    </Data>
(125) .min_over_threshold_duration
PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(126) .min_under_threshold_duration
PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(127) .emergency_profile
PASSED
    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFFFFFF110000FF800000" />
        <DoubleLongUnsigned Value="00003840" />
      </Structure>
    </Data>
(128) .emergency_profile_group_id_list
PASSED
    <Data>
      <Array Qty="0001" >
        <LongUnsigned Value="0001" />
      </Array>
    </Data>
(129) .emergency_profile_active

```

PASSED

```
<Data>
  <Boolean Value="00" />
</Data>
```

(130) .actions

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Structure Qty="0002" >
      <OctetString Value="00000A006AFF" />
      <LongUnsigned Value="0001" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="00000A006AFF" />
      <LongUnsigned Value="0002" />
    </Structure>
  </Structure>
</Data>
```

Mngmt Get Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)

(131) .logical_name

PASSED

```
<Data>
  <OctetString Value="01001F0400FF" />
</Data>
```

(132) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

(133) .monitored_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="01001F0400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(134) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

```
    </Structure>
  </Array>
</Data>
```

Mngmt Get Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)

(135) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100330400FF" />
</Data>
```

(136) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

(137) .monitored_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100330400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(138) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Get Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)

(139) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100470400FF" />
</Data>
```

(140) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

```

        </Array>
    </Data>
(141) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0005" />
            <OctetString Value="0100470400FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
(142) .actions
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0001" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0002" />
                </Structure>
            </Structure>
        </Array>
    </Data>

Mngmt Get Error Register 0-0:97.97.0.255 (@257)
(143) .logical_name
PASSED
    <Data>
        <OctetString Value="0000616100FF" />
    </Data>
(144) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002010" />
    </Data>

Mngmt Get Alarm Register 1 0-0:97.98.0.255 (@261)
(145) .logical_name
PASSED
    <Data>
        <OctetString Value="0000616200FF" />
    </Data>
(146) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002010" />
    </Data>

Mngmt Get Alarm Filter 1 0-0:97.98.10.255 (@265)
(147) .logical_name

```


PASSED

```
<Data>
  <OctetString Value="000061620AFF" />
</Data>
```

(148) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="FFFFFFFF" />
</Data>
```

Mngmt Get Alarm Descriptor 1 0-0:97.98.20.255 (@269)

(149) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000616214FF" />
</Data>
```

(150) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00002010" />
</Data>
```

Mngmt Get Alarm Monitor 1 0-0:16.1.0.255 (@273)

(151) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000100100FF" />
</Data>
```

(152) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="00000000" />
  </Array>
</Data>
```

(153) .monitored_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="0000616214FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(154) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0004" />
      </Structure>
    </Structure Qty="0002" >
  </Array>
```

```
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0000" />
    </Structure>
</Structure>
</Array>
</Data>
```

Mngmt Get Alarm Register 2 0-0:97.98.1.255 (@279)
(155) .logical_name
PASSED

```
    <Data>
        <OctetString Value="0000616201FF" />
    </Data>
```

(156) .value
PASSED

```
    <Data>
        <DoubleLongUnsigned Value="0004003A" />
    </Data>
```

Mngmt Get Alarm Filter 2 0-0:97.98.11.255 (@283)
(157) .logical_name
PASSED

```
    <Data>
        <OctetString Value="000061620BFF" />
    </Data>
```

(158) .value
PASSED

```
    <Data>
        <DoubleLongUnsigned Value="FFFFFFFF" />
    </Data>
```

Mngmt Get Alarm Descriptor 2 0-0:97.98.21.255 (@287)
(159) .logical_name
PASSED

```
    <Data>
        <OctetString Value="0000616215FF" />
    </Data>
```

(160) .value
PASSED

```
    <Data>
        <DoubleLongUnsigned Value="0004003F" />
    </Data>
```

Mngmt Get Alarm Monitor 2 0-0:16.1.1.255 (@291)
(161) .logical_name
PASSED

```
    <Data>
        <OctetString Value="0000100101FF" />
    </Data>
```

(162) .thresholds
PASSED

```
    <Data>
        <Array Qty="0001" >
            <DoubleLongUnsigned Value="00000000" />
        </Array>
    </Data>
```

```
    </Array>
  </Data>
(163) .monitored_value
PASSED
  <Data>
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000616215FF" />
      <Integer Value="02" />
    </Structure>
  </Data>
```

```
(164) .actions
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <Structure Qty="0002" >
          <OctetString Value="00000A006CFF" />
          <LongUnsigned Value="0004" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="00000A006CFF" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Structure>
    </Array>
  </Data>
```

```
Mngmt Get Event Object - Standard Event Log 0-0:96.11.0.255 (@297)
(165) .logical_name
PASSED
```

```
  <Data>
    <OctetString Value="0000600B00FF" />
  </Data>
```

```
(166) .value
PASSED
```

```
  <Data>
    <LongUnsigned Value="002F" />
  </Data>
```

```
Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(167) .logical_name
PASSED
```

```
  <Data>
    <OctetString Value="0000636200FF" />
  </Data>
```

```
(168) .capture_objects
PASSED
```

```
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
      </Structure>
    </Array>
  </Data>
```

```
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B00FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

(169) .capture_period
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000000" />
</Data>
```

(170) .sort_method
PASSED

```
<Data>
    <Enum Value="01" />
</Data>
```

(171) .sort_object
PASSED

```
<Data>
    <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="00FE" />
    </Structure>
</Data>
```

(172) .entries_in_use
PASSED

```
<Data>
    <DoubleLongUnsigned Value="0000000B" />
</Data>
```

(173) .profile_entries
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000064" />
</Data>
```

Mngmt Get Event Object - Fraud Detection Log 0-0:96.11.1.255 (@312)

(174) .logical_name
PASSED

```
<Data>
    <OctetString Value="0000600B01FF" />
</Data>
```

(175) .value
PASSED

```
<Data>
    <LongUnsigned Value="0032" />
</Data>
```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

```
(176) .logical_name
PASSED
  <Data>
    <OctetString Value="0000636201FF" />
  </Data>
(177) .capture_objects
PASSED
  <Data>
    <Array Qty="0002" >
      <Structure Qty="0004" >
        <LongUnsigned Value="0008" />
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
      <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600B01FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Array>
  </Data>
(178) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(179) .sort_method
PASSED
  <Data>
    <Enum Value="01" />
  </Data>
(180) .sort_object
PASSED
  <Data>
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="00FE" />
    </Structure>
  </Data>
(181) .entries_in_use
PASSED
  <Data>
    <DoubleLongUnsigned Value="0000000C" />
  </Data>
(182) .profile_entries
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000064" />
  </Data>
```

Mngmt Get Event Object - Communication Log 0-0:96.11.5.255 (@327)

(183) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600B05FF" />
</Data>
```

(184) .value

PASSED

```
<Data>
  <LongUnsigned Value="009E" />
</Data>
```

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(185) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636205FF" />
</Data>
```

(186) .capture_objects

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B05FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(187) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(188) .sort_method

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

(189) .sort_object

PASSED

```
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="00FE" />
  </Structure>
</Data>
```

```

        </Structure>
    </Data>
(190) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000011" />
    </Data>
(191) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)
(192) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600D01FF" />
    </Data>
(193) .value
PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)
(194) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600D00FF" />
    </Data>
(195) .value
PASSED
    <Data>
        <OctetString Value="" />
    </Data>

Mngmt Get Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)
(196) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(197) .executed_script
INAPPLICABLE
    Object is not required according to OM and/or extensions
(198) .type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(199) .execution_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get Push setup - Consumer Information 0-6:25.9.0.255 (@357)
(200) .logical_name
INAPPLICABLE

```

Object is not required according to OM and/or extensions
(201) .push_object_list
INAPPLICABLE

Object is not required according to OM and/or extensions
(202) .send_destination_and_method
INAPPLICABLE

Object is not required according to OM and/or extensions
(203) .communication_window
INAPPLICABLE

Object is not required according to OM and/or extensions
(204) .randomisation_start_interval
INAPPLICABLE

Object is not required according to OM and/or extensions
(205) .number_of_retries
INAPPLICABLE

Object is not required according to OM and/or extensions
(206) .repetition_delay
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Security setup - Consumer Information 0-0:43.0.1.255 (@367)
(207) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(208) .security_policy
INAPPLICABLE

Object is not required according to OM and/or extensions
(209) .security_suite
INAPPLICABLE

Object is not required according to OM and/or extensions
(210) .client_system_title
INAPPLICABLE

Object is not required according to OM and/or extensions
(211) .server_system_title
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255
(@376)

(212) .logical_name
INAPPLICABLE

Object is not required according to OM and/or extensions
(213) .comm_speed
INAPPLICABLE

Object is not required according to OM and/or extensions
(214) .window_size_transmit
INAPPLICABLE

Object is not required according to OM and/or extensions
(215) .window_size_receive
INAPPLICABLE

Object is not required according to OM and/or extensions
(216) .max_info_field_lenght_transmit
INAPPLICABLE

Object is not required according to OM and/or extensions


```

    </Data>
(225) .image_transfer_enabled
PASSED
    <Data>
        <Boolean Value="00" />
    </Data>
(226) .image_transfer status
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(227) .image_to_activate_info
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0003" >
                <DoubleLongUnsigned Value="00068000" />
                <OctetString
Value="FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF" />
                <OctetString Value="" />
            </Structure>
        </Array>
    </Data>

```

Mngmt Get Image transfer activation scheduler 0-0:15.0.2.255 (@401)

```

(228) .logical_name
PASSED
    <Data>
        <OctetString Value="00000F0002FF" />
    </Data>
(229) .executed_script
PASSED
    <Data>
        <Structure Qty="0002" >
            <OctetString Value="00000A0006BFF" />
            <LongUnsigned Value="0001" />
        </Structure>
    </Data>

```

```

(230) .type
PASSED
    <Data>
        <Enum Value="01" />
    </Data>

```

```

(231) .execution_time
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>

```

Mngmt Get Predefined Scripts - Image activation 0-0:10.0.107.255 (@407)

```

(232) .logical_name
PASSED
    <Data>

```

```

        <OctetString Value="00000A006BFF" />
    </Data>
(233) .scripts
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <Array Qty="0001" >
                    <Structure Qty="0005" >
                        <Enum Value="02" />
                        <LongUnsigned Value="0012" />
                        <OctetString Value="00002C0000FF" />
                        <Integer Value="04" />
                        <Integer Value="00" />
                    </Structure>
                </Array>
            </Structure>
        </Array>
    </Data>

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(234) .logical_name
PASSED
    <Data>
        <OctetString Value="0100000200FF" />
    </Data>
(235) .value
PASSED
    <Data>
        <OctetString Value="\V0.09.10" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(236) .logical_name
PASSED
    <Data>
        <OctetString Value="0100000208FF" />
    </Data>
(237) .value
PASSED
    <Data>
        <OctetString Value="\&Z" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(238) .logical_name
INAPPLICABLE
    Optional object is not implemented
(239) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)

```

```
(240) .logical_name
INAPPLICABLE
    Optional object is not implemented
(241) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(242) .logical_name
INAPPLICABLE
    Optional object is not implemented
(243) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(244) .logical_name
INAPPLICABLE
    Optional object is not implemented
(245) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active energy import (+A) 1-0:1.8.0.255 (@437)
(246) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010800FF" />
    </Data>
(247) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(248) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy export (-A) 1-0:2.8.0.255 (@443)
(249) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020800FF" />
    </Data>
(250) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(251) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy (|+A|+|-A|) Combined total 1-0:15.8.0.255 (@449)

(252) .logical_name
PASSED

```
<Data>  
  <OctetString Value="01000F0800FF" />  
</Data>
```

(253) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(254) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy (|+A|-|-A|) Combined total 1-0:16.8.0.255 (@455)

(255) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100100800FF" />  
</Data>
```

(256) .value
PASSED

```
<Data>  
  <DoubleLong Value="00000000" />  
</Data>
```

(257) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy QI (+Ri) 1-0:5.8.0.255 (@461)

(258) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100050800FF" />
```

```
    </Data>
(259) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(260) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QII (+Rc) 1-0:6.8.0.255 (@467)
(261) .logical_name
PASSED
    <Data>
      <OctetString Value="0100060800FF" />
    </Data>
(262) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(263) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QIII (-Ri) 1-0:7.8.0.255 (@473)
(264) .logical_name
PASSED
    <Data>
      <OctetString Value="0100070800FF" />
    </Data>
(265) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(266) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>
```

Mngmt Get Reactive energy QIV (-Rc) 1-0:8.8.0.255 (@479)

(267) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100080800FF" />
</Data>
```

(268) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(269) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy import (+R) (QI+QII) 1-0:3.8.0.255 (@485)

(270) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030800FF" />
</Data>
```

(271) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(272) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy export (-R) (QIII+QIV) 1-0:4.8.0.255 (@491)

(273) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100040800FF" />
</Data>
```

(274) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(275) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Apparent energy import (+VA) (QI+QIV) 1-0:9.8.0.255 (@497)
(276) .logical_name

INAPPLICABLE
Optional object is not implemented
(277) .value

INAPPLICABLE
Optional object is not implemented
(278) .scaler_unit

INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) (QII+QIII) 1-0:10.8.0.255 (@503)
(279) .logical_name

INAPPLICABLE
Optional object is not implemented
(280) .value

INAPPLICABLE
Optional object is not implemented
(281) .scaler_unit

INAPPLICABLE
Optional object is not implemented

Mngmt Get Active energy import (+A) rate 1 1-0:1.8.1.255 (@510)
(282) .logical_name

PASSED
<Data>
 <OctetString Value="0100010801FF" />
</Data>

(283) .value
PASSED
<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(284) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy import (+A) rate 2 1-0:1.8.2.255 (@516)
(285) .logical_name

PASSED
<Data>
 <OctetString Value="0100010802FF" />


```

    </Data>
(286) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(287) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 3 1-0:1.8.3.255 (@522)
(288) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010803FF" />
    </Data>
(289) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(290) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 4 1-0:1.8.4.255 (@528)
(291) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010804FF" />
    </Data>
(292) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(293) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

```

Mngmt Get Active energy export (-A) rate 1 1-0:2.8.1.255 (@534)
(294) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020801FF" />  
</Data>
```

(295) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(296) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy export (-A) rate 2 1-0:2.8.2.255 (@540)
(297) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020802FF" />  
</Data>
```

(298) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(299) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1E" />  
  </Structure>  
</Data>
```

Mngmt Get Active energy export (-A) rate 3 1-0:2.8.3.255 (@546)
(300) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020803FF" />  
</Data>
```

(301) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(302) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy export (-A) rate 4 1-0:2.8.4.255 (@552)
(303) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100020804FF" />
</Data>
```

(304) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(305) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 1 1-0:3.8.1.255 (@558)
(306) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030801FF" />
</Data>
```

(307) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(308) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 2 1-0:3.8.2.255 (@564)
(309) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100030802FF" />
</Data>
```

(310) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(311) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 3 1-0:3.8.3.255 (@570)

(312) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030803FF" />
</Data>
```

(313) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(314) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 4 1-0:3.8.4.255 (@576)

(315) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100030804FF" />
</Data>
```

(316) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(317) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 1 1-0:4.8.1.255 (@582)

```
(318) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040801FF" />
    </Data>
(319) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(320) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (-R) rate 2 1-0:4.8.2.255 (@588)
(321) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040802FF" />
    </Data>
(322) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(323) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (-R) rate 3 1-0:4.8.3.255 (@594)
(324) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040803FF" />
    </Data>
(325) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(326) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
```

```
        <Integer Value="00" />
        <Enum Value="20" />
    </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 4 1-0:4.8.4.255 (@600)
(327) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100040804FF" />
    </Data>
```

(328) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(329) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>
```

Mngmt Get Reactive energy (QI) rate 1 1-0:5.8.1.255 (@606)
(330) .logical_name

INAPPLICABLE

Optional object is not implemented

(331) .value

INAPPLICABLE

Optional object is not implemented

(332) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Reactive energy (QI) rate 2 1-0:5.8.2.255 (@612)
(333) .logical_name

INAPPLICABLE

Optional object is not implemented

(334) .value

INAPPLICABLE

Optional object is not implemented

(335) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Reactive energy (QI) rate 3 1-0:5.8.3.255 (@618)
(336) .logical_name

INAPPLICABLE

Optional object is not implemented

(337) .value

INAPPLICABLE

Optional object is not implemented

(338) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QI) rate 4 1-0:5.8.4.255 (@624)
(339) .logical_name
INAPPLICABLE
Optional object is not implemented
(340) .value
INAPPLICABLE
Optional object is not implemented
(341) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QII) rate 1 1-0:6.8.1.255 (@630)
(342) .logical_name
INAPPLICABLE
Optional object is not implemented
(343) .value
INAPPLICABLE
Optional object is not implemented
(344) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QII) rate 2 1-0:6.8.2.255 (@636)
(345) .logical_name
INAPPLICABLE
Optional object is not implemented
(346) .value
INAPPLICABLE
Optional object is not implemented
(347) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QII) rate 3 1-0:6.8.3.255 (@642)
(348) .logical_name
INAPPLICABLE
Optional object is not implemented
(349) .value
INAPPLICABLE
Optional object is not implemented
(350) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QII) rate 4 1-0:6.8.4.255 (@648)
(351) .logical_name
INAPPLICABLE
Optional object is not implemented
(352) .value
INAPPLICABLE

Optional object is not implemented
(353) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QIII) rate 1 1-0:7.8.1.255 (@654)
(354) .logical_name
INAPPLICABLE
Optional object is not implemented
(355) .value
INAPPLICABLE
Optional object is not implemented
(356) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QIII) rate 2 1-0:7.8.2.255 (@660)
(357) .logical_name
INAPPLICABLE
Optional object is not implemented
(358) .value
INAPPLICABLE
Optional object is not implemented
(359) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QIII) rate 3 1-0:7.8.3.255 (@666)
(360) .logical_name
INAPPLICABLE
Optional object is not implemented
(361) .value
INAPPLICABLE
Optional object is not implemented
(362) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QIII) rate 4 1-0:7.8.4.255 (@672)
(363) .logical_name
INAPPLICABLE
Optional object is not implemented
(364) .value
INAPPLICABLE
Optional object is not implemented
(365) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Reactive energy (QIV) rate 1 1-0:8.8.1.255 (@678)
(366) .logical_name
INAPPLICABLE
Optional object is not implemented
(367) .value

INAPPLICABLE

Optional object is not implemented

(368) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Reactive energy (QIV) rate 2 1-0:8.8.2.255 (@684)

(369) .logical_name

INAPPLICABLE

Optional object is not implemented

(370) .value

INAPPLICABLE

Optional object is not implemented

(371) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Reactive energy (QIV) rate 3 1-0:8.8.3.255 (@690)

(372) .logical_name

INAPPLICABLE

Optional object is not implemented

(373) .value

INAPPLICABLE

Optional object is not implemented

(374) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Reactive energy (QIV) rate 4 1-0:8.8.4.255 (@696)

(375) .logical_name

INAPPLICABLE

Optional object is not implemented

(376) .value

INAPPLICABLE

Optional object is not implemented

(377) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 1 1-0:9.8.1.255 (@702)

(378) .logical_name

INAPPLICABLE

Optional object is not implemented

(379) .value

INAPPLICABLE

Optional object is not implemented

(380) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 2 1-0:9.8.2.255 (@708)

(381) .logical_name

INAPPLICABLE

Optional object is not implemented

(382) .value
INAPPLICABLE
Optional object is not implemented

(383) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 3 1-0:9.8.3.255 (@714)

(384) .logical_name
INAPPLICABLE
Optional object is not implemented

(385) .value
INAPPLICABLE
Optional object is not implemented

(386) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy import (+VA) rate 4 1-0:9.8.4.255 (@720)

(387) .logical_name
INAPPLICABLE
Optional object is not implemented

(388) .value
INAPPLICABLE
Optional object is not implemented

(389) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 1 1-0:10.8.1.255 (@726)

(390) .logical_name
INAPPLICABLE
Optional object is not implemented

(391) .value
INAPPLICABLE
Optional object is not implemented

(392) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 2 1-0:10.8.2.255 (@732)

(393) .logical_name
INAPPLICABLE
Optional object is not implemented

(394) .value
INAPPLICABLE
Optional object is not implemented

(395) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 3 1-0:10.8.3.255 (@738)

(396) .logical_name
INAPPLICABLE

Optional object is not implemented
(397) .value
INAPPLICABLE

Optional object is not implemented
(398) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Apparent energy export (-VA) rate 4 1-0:10.8.4.255 (@744)
(399) .logical_name
INAPPLICABLE

Optional object is not implemented
(400) .value
INAPPLICABLE

Optional object is not implemented
(401) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 1 1-0:15.8.1.255
(@750)

(402) .logical_name
INAPPLICABLE

Optional object is not implemented
(403) .value
INAPPLICABLE

Optional object is not implemented
(404) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 2 1-0:15.8.2.255
(@756)

(405) .logical_name
INAPPLICABLE

Optional object is not implemented
(406) .value
INAPPLICABLE

Optional object is not implemented
(407) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 3 1-0:15.8.3.255
(@762)

(408) .logical_name
INAPPLICABLE

Optional object is not implemented
(409) .value
INAPPLICABLE

Optional object is not implemented
(410) .scaler_unit
INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 4 1-0:15.8.4.255 (@768)

(411) .logical_name

INAPPLICABLE

Optional object is not implemented

(412) .value

INAPPLICABLE

Optional object is not implemented

(413) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)

(414) .logical_name

PASSED

<Data>

<OctetString Value="0100010400FF" />

</Data>

(415) .current_average_value

PASSED

<Data>

<DoubleLongUnsigned Value="00000000" />

</Data>

(416) .last_average_value

PASSED

<Data>

<DoubleLongUnsigned Value="00000000" />

</Data>

(417) .scaler_unit

PASSED

<Data>

<Structure Qty="0002" >

<Integer Value="00" />

<Enum Value="1B" />

</Structure>

</Data>

(418) .status

PASSED

<Data>

<Unsigned Value="00" />

</Data>

(419) .capture_time

PASSED

<Data>

<OctetString Value="07E70801020B0000FFFF8880" />

</Data>

(420) .start_time_current

PASSED

<Data>

<OctetString Value="07E70801020B0000FFFF8880" />

</Data>

(421) .period

PASSED

```

    <Data>
      <DoubleLongUnsigned Value="00000384" />
    </Data>
(422) .number_of_periods
PASSED
    <Data>
      <LongUnsigned Value="0001" />
    </Data>

Mngmt Get Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)
(423) .logical_name
PASSED
    <Data>
      <OctetString Value="0100020400FF" />
    </Data>
(424) .current_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(425) .last_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(426) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>
(427) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(428) .capture_time
PASSED
    <Data>
      <OctetString Value="07E70801020B0000FFFF8880" />
    </Data>
(429) .start_time_current
PASSED
    <Data>
      <OctetString Value="07E70801020B0000FFFF8880" />
    </Data>
(430) .period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000384" />
    </Data>
(431) .number_of_periods

```

PASSED

```
<Data>  
  <LongUnsigned Value="0001" />  
</Data>
```

Mngmt Get Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255
(@801)

(432) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0100030400FF" />  
</Data>
```

(433) .current_average_value

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(434) .last_average_value

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(435) .scaler_unit

PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(436) .status

PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(437) .capture_time

PASSED

```
<Data>  
  <OctetString Value="07E70801020B0000FFFF8880" />  
</Data>
```

(438) .start_time_current

PASSED

```
<Data>  
  <OctetString Value="07E70801020B0000FFFF8880" />  
</Data>
```

(439) .period

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000384" />  
</Data>
```

(440) .number_of_periods

PASSED

```
<Data>  
  <LongUnsigned Value="0001" />
```

</Data>

Mngmt Get Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255
(@814)

(441) .logical_name

PASSED

<Data>
 <OctetString Value="0100040400FF" />
</Data>

(442) .current_average_value

PASSED

<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(443) .last_average_value

PASSED

<Data>
 <DoubleLongUnsigned Value="00000000" />
</Data>

(444) .scaler_unit

PASSED

<Data>
 <Structure Qty="0002" >
 <Integer Value="00" />
 <Enum Value="1D" />
 </Structure>
</Data>

(445) .status

PASSED

<Data>
 <Unsigned Value="00" />
</Data>

(446) .capture_time

PASSED

<Data>
 <OctetString Value="07E70801020B0000FFFF8880" />
</Data>

(447) .start_time_current

PASSED

<Data>
 <OctetString Value="07E70801020B0000FFFF8880" />
</Data>

(448) .period

PASSED

<Data>
 <DoubleLongUnsigned Value="00000384" />
</Data>

(449) .number_of_periods

PASSED

<Data>
 <LongUnsigned Value="0001" />
</Data>

Mngmt Get Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255

(@827)

(450) .logical_name

INAPPLICABLE

Optional object is not implemented

(451) .current_average_value

INAPPLICABLE

Optional object is not implemented

(452) .last_average_value

INAPPLICABLE

Optional object is not implemented

(453) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(454) .status

INAPPLICABLE

Optional object is not implemented

(455) .capture_time

INAPPLICABLE

Optional object is not implemented

(456) .start_time_current

INAPPLICABLE

Optional object is not implemented

(457) .period

INAPPLICABLE

Optional object is not implemented

(458) .number_of_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Get Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255

(@840)

(459) .logical_name

INAPPLICABLE

Optional object is not implemented

(460) .current_average_value

INAPPLICABLE

Optional object is not implemented

(461) .last_average_value

INAPPLICABLE

Optional object is not implemented

(462) .scaler_unit

INAPPLICABLE

Optional object is not implemented

(463) .status

INAPPLICABLE

Optional object is not implemented

(464) .capture_time

INAPPLICABLE

Optional object is not implemented

(465) .start_time_current

INAPPLICABLE

Optional object is not implemented

(466) .period

INAPPLICABLE

Optional object is not implemented
(467) .number_of_periods
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 1 - Active energy import (+A)
1-0:1.5.0.255 (@853)
(468) .logical_name
INAPPLICABLE
Optional object is not implemented
(469) .value
INAPPLICABLE
Optional object is not implemented
(470) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(471) .status
INAPPLICABLE
Optional object is not implemented
(472) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 2 - Active energy export (-A)
1-0:2.5.0.255 (@861)
(473) .logical_name
INAPPLICABLE
Optional object is not implemented
(474) .value
INAPPLICABLE
Optional object is not implemented
(475) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(476) .status
INAPPLICABLE
Optional object is not implemented
(477) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 3 - Reactive energy import (+R)
1-0:3.5.0.255 (@869)
(478) .logical_name
INAPPLICABLE
Optional object is not implemented
(479) .value
INAPPLICABLE
Optional object is not implemented
(480) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(481) .status
INAPPLICABLE

Optional object is not implemented
(482) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 4 - Reactive energy export (-R)
1-0:4.5.0.255 (@877)
(483) .logical_name
INAPPLICABLE
Optional object is not implemented
(484) .value
INAPPLICABLE
Optional object is not implemented
(485) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(486) .status
INAPPLICABLE
Optional object is not implemented
(487) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 5 - Apparent energy import (+VA)
1-0:9.5.0.255 (@885)
(488) .logical_name
INAPPLICABLE
Optional object is not implemented
(489) .value
INAPPLICABLE
Optional object is not implemented
(490) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(491) .status
INAPPLICABLE
Optional object is not implemented
(492) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Last Average Demand Register 6 - Apparent energy export (-VA)
1-0:10.5.0.255 (@893)
(493) .logical_name
INAPPLICABLE
Optional object is not implemented
(494) .value
INAPPLICABLE
Optional object is not implemented
(495) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(496) .status
INAPPLICABLE

Optional object is not implemented
(497) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 1 - Active energy import (+A) 1-0:1.6.0.255 (@901)

(498) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010600FF" />  
</Data>
```

(499) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(500) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(501) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(502) .capture_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Mngmt Get Maximum Demand Register 2 - Active energy import (+A) - rate 1 1-0:1.6.1.255 (@909)

(503) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100010601FF" />  
</Data>
```

(504) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(505) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

```
        </Structure>
    </Data>
(506) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(507) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 3 - Active energy import (+A) - rate 2
1-0:1.6.2.255 (@917)

```
(508) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010602FF" />
    </Data>
(509) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(510) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(511) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(512) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 4 - Active energy import (+A) - rate 3
1-0:1.6.3.255 (@925)

```
(513) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010603FF" />
    </Data>
(514) .value
PASSED
    <Data>
```

```

        <DoubleLongUnsigned Value="00000000" />
    </Data>
(515) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(516) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(517) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>

```

Mngmt Get Maximum Demand Register 5 - Active energy import (+A) - rate 4
1-0:1.6.4.255 (@933)

```

(518) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010604FF" />
    </Data>
(519) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(520) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(521) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(522) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>

```

Mngmt Get Maximum Demand Register 6 - Active energy export (-A) 1-0:2.6.0.255
(@941)

(523) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020600FF" />  
</Data>
```

(524) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(525) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(526) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(527) .capture_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Mngmt Get Maximum Demand Register 7 - Active energy export (-A) - rate 1
1-0:2.6.1.255 (@949)

(528) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020601FF" />  
</Data>
```

(529) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(530) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(531) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(532) .capture_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Mngmt Get Maximum Demand Register 8 - Active energy export (-A) - rate 2
1-0:2.6.2.255 (@957)

(533) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020602FF" />  
</Data>
```

(534) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(535) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(536) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(537) .capture_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Mngmt Get Maximum Demand Register 9 - Active energy export (-A) - rate 3
1-0:2.6.3.255 (@965)

(538) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100020603FF" />  
</Data>
```

(539) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(540) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
  </Structure>
```

```
        <Enum Value="1B" />
    </Structure>
</Data>
(541) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(542) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 10 - Active energy export (-A) - rate 4
1-0:2.6.4.255 (@973)

```
(543) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020604FF" />
    </Data>
(544) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(545) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(546) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(547) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 11 - Reactive energy import (+R)
1-0:3.6.0.255 (@981)

```
(548) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030600FF" />
    </Data>
(549) .value
PASSED
```



```
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(550) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(551) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(552) .capture_time
PASSED
    <Data>
      <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 12 - Reactive energy import (+R) - rate 1
1-0:3.6.1.255 (@989)

```
(553) .logical_name
PASSED
    <Data>
      <OctetString Value="0100030601FF" />
    </Data>
(554) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(555) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(556) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(557) .capture_time
PASSED
    <Data>
      <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 13 - Reactive energy import (+R) - rate 2

1-0:3.6.2.255 (@997)
(558) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100030602FF" />  
</Data>
```

(559) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(560) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(561) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(562) .capture_time
PASSED

```
<Data>  
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />  
</Data>
```

Mngmt Get Maximum Demand Register 14 - Reactive energy import (+R) - rate 3

1-0:3.6.3.255 (@1005)
(563) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100030603FF" />  
</Data>
```

(564) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(565) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(566) .status
PASSED

```
<Data>  
  <Unsigned Value="00" />
```

```
    </Data>
(567) .capture_time
PASSED
    <Data>
      <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 15 - Reactive energy import (+R) - rate 4
1-0:3.6.4.255 (@1013)

```
(568) .logical_name
PASSED
    <Data>
      <OctetString Value="0100030604FF" />
    </Data>
(569) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(570) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(571) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(572) .capture_time
PASSED
    <Data>
      <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 16 - Reactive energy export (-R)
1-0:4.6.0.255 (@1021)

```
(573) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040600FF" />
    </Data>
(574) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(575) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
```

```
        <Integer Value="00" />
        <Enum Value="1D" />
    </Structure>
</Data>
(576) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(577) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 17 - Reactive energy export (-R) - rate 1
1-0:4.6.1.255 (@1029)

```
(578) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040601FF" />
    </Data>
(579) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(580) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(581) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(582) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
```

Mngmt Get Maximum Demand Register 18 - Reactive energy export (-R) - rate 2
1-0:4.6.2.255 (@1037)

```
(583) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040602FF" />
    </Data>
(584) .value
```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(585) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(586) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(587) .capture_time

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Mngmt Get Maximum Demand Register 19 - Reactive energy export (-R) - rate 3
1-0:4.6.3.255 (@1045)

(588) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100040603FF" />
</Data>
```

(589) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(590) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(591) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(592) .capture_time

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Mngmt Get Maximum Demand Register 20 - Reactive energy export (-R) - rate 4
1-0:4.6.4.255 (@1053)

(593) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100040604FF" />
</Data>
```

(594) .value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(595) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(596) .status
PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(597) .capture_time
PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Mngmt Get Maximum Demand Register 21 - Apparent energy import (+VA)
1-0:9.6.0.255 (@1061)

(598) .logical_name
INAPPLICABLE

Optional object is not implemented

(599) .value
INAPPLICABLE

Optional object is not implemented

(600) .scaler_unit
INAPPLICABLE

Optional object is not implemented

(601) .status
INAPPLICABLE

Optional object is not implemented

(602) .capture_time
INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 22 - Apparent energy import (+VA) - rate 1
1-0:9.6.1.255 (@1069)

(603) .logical_name
INAPPLICABLE

Optional object is not implemented

(604) .value
INAPPLICABLE
Optional object is not implemented
(605) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(606) .status
INAPPLICABLE
Optional object is not implemented
(607) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 23 - Apparent energy import (+VA) - rate 2
1-0:9.6.2.255 (@1077)

(608) .logical_name
INAPPLICABLE
Optional object is not implemented
(609) .value
INAPPLICABLE
Optional object is not implemented
(610) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(611) .status
INAPPLICABLE
Optional object is not implemented
(612) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 24 - Apparent energy import (+VA) - rate 3
1-0:9.6.3.255 (@1085)

(613) .logical_name
INAPPLICABLE
Optional object is not implemented
(614) .value
INAPPLICABLE
Optional object is not implemented
(615) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(616) .status
INAPPLICABLE
Optional object is not implemented
(617) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 25 - Apparent energy import (+VA) - rate 4
1-0:9.6.4.255 (@1093)

(618) .logical_name
INAPPLICABLE
Optional object is not implemented

(619) .value
INAPPLICABLE
Optional object is not implemented
(620) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(621) .status
INAPPLICABLE
Optional object is not implemented
(622) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 26 - Apparent energy export (-VA)
1-0:10.6.0.255 (@1101)

(623) .logical_name
INAPPLICABLE
Optional object is not implemented
(624) .value
INAPPLICABLE
Optional object is not implemented
(625) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(626) .status
INAPPLICABLE
Optional object is not implemented
(627) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 27 - Apparent energy export (-VA) - rate 1
1-0:10.6.1.255 (@1109)

(628) .logical_name
INAPPLICABLE
Optional object is not implemented
(629) .value
INAPPLICABLE
Optional object is not implemented
(630) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(631) .status
INAPPLICABLE
Optional object is not implemented
(632) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 28 - Apparent energy export (-VA) - rate 2
1-0:10.6.2.255 (@1117)

(633) .logical_name
INAPPLICABLE
Optional object is not implemented

(634) .value
INAPPLICABLE
Optional object is not implemented
(635) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(636) .status
INAPPLICABLE
Optional object is not implemented
(637) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 29 - Apparent energy export (-VA) - rate 3
1-0:10.6.3.255 (@1125)

(638) .logical_name
INAPPLICABLE
Optional object is not implemented
(639) .value
INAPPLICABLE
Optional object is not implemented
(640) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(641) .status
INAPPLICABLE
Optional object is not implemented
(642) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Maximum Demand Register 30 - Apparent energy export (-VA) - rate 4
1-0:10.6.4.255 (@1133)

(643) .logical_name
INAPPLICABLE
Optional object is not implemented
(644) .value
INAPPLICABLE
Optional object is not implemented
(645) .scaler_unit
INAPPLICABLE
Optional object is not implemented
(646) .status
INAPPLICABLE
Optional object is not implemented
(647) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Profile status - Load profile with period 1 0-0:96.10.1.255 (@1142)

(648) .logical_name
PASSED
<Data>
<OctetString Value="0000600A01FF" />

```

        </Data>
(649) .status
PASSED
        <Data>
            <Unsigned Value="08" />
        </Data>

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255
(@1146)
(650) .logical_name
PASSED
        <Data>
            <OctetString Value="0100630100FF" />
        </Data>
(651) .capture_objects
PASSED
        <Data>
            <Array Qty="0004" >
                <Structure Qty="0004" >
                    <LongUnsigned Value="0008" />
                    <OctetString Value="0000010000FF" />
                    <Integer Value="02" />
                    <LongUnsigned Value="0000" />
                </Structure>
                <Structure Qty="0004" >
                    <LongUnsigned Value="0001" />
                    <OctetString Value="0000600A01FF" />
                    <Integer Value="02" />
                    <LongUnsigned Value="0000" />
                </Structure>
                <Structure Qty="0004" >
                    <LongUnsigned Value="0003" />
                    <OctetString Value="0100010800FF" />
                    <Integer Value="02" />
                    <LongUnsigned Value="0000" />
                </Structure>
                <Structure Qty="0004" >
                    <LongUnsigned Value="0003" />
                    <OctetString Value="0100020800FF" />
                    <Integer Value="02" />
                    <LongUnsigned Value="0000" />
                </Structure>
            </Array>
        </Data>
(652) .capture_period
PASSED
        <Data>
            <DoubleLongUnsigned Value="00000384" />
        </Data>
(653) .sort_method
PASSED
        <Data>
            <Enum Value="01" />
        </Data>

```

(654) .sort_object
PASSED

```
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
```

(655) .entries_in_use
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000008" />
</Data>
```

(656) .profile_entries
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00002580" />
</Data>
```

Mngmt Get Profile status - Load profile with period 2 0-0:96.10.2.255 (@1157)

(657) .logical_name
PASSED

```
<Data>
  <OctetString Value="0000600A02FF" />
</Data>
```

(658) .status
PASSED

```
<Data>
  <Unsigned Value="88" />
</Data>
```

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255 (@1161)

(659) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100630200FF" />
</Data>
```

(660) .capture_objects
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600A02FF" />
      <Integer Value="02" />
    </Structure>
  </Array>
</Data>
```

```

        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(661) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00015180" />
    </Data>
(662) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(663) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(664) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </Data>
(665) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002580" />
    </Data>

Mngmt Get Number of power failures in any phase 0-0:96.7.21.255 (@1173)
(666) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600715FF" />
    </Data>
(667) .value

```

PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

Mngmt Get Number of long power failures in any phase 0-0:96.7.9.255 (@1177)
(668) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600709FF" />  
</Data>
```

(669) .value

PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

Mngmt Get Time threshold for long power failure 0-0:96.7.20.255 (@1181)
(670) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600714FF" />  
</Data>
```

(671) .value

PASSED

```
<Data>  
  <LongUnsigned Value="00B4" />  
</Data>
```

(672) .scaler_unit

PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last long power failure in any phase 0-0:96.7.19.255
(@1187)

(673) .logical_name

PASSED

```
<Data>  
  <OctetString Value="0000600713FF" />  
</Data>
```

(674) .value

PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(675) .scaler_unit

PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />
```

```
        <Enum Value="07" />
    </Structure>
</Data>
```

Mngmt Get Threshold for voltage sag 1-0:12.31.0.255 (@1193)
(676) .logical_name

PASSED

```
    <Data>
        <OctetString Value="01000C1F00FF" />
    </Data>
```

(677) .value

PASSED

```
    <Data>
        <LongUnsigned Value="00CF" />
    </Data>
```

(678) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="23" />
        </Structure>
    </Data>
```

Mngmt Get Time threshold for voltage sag 1-0:12.43.0.255 (@1199)

(679) .logical_name

PASSED

```
    <Data>
        <OctetString Value="01000C2B00FF" />
    </Data>
```

(680) .value

PASSED

```
    <Data>
        <LongUnsigned Value="001E" />
    </Data>
```

(681) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="07" />
        </Structure>
    </Data>
```

Mngmt Get Number of voltage sags in phase L1 1-0:32.32.0.255 (@1205)

(682) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100202000FF" />
    </Data>
```

(683) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0004" />
    </Data>
```

```

    </Data>

Mngmt Get Number of voltage sags in phase L2 1-0:52.32.0.255 (@1209)
(684) .logical_name
PASSED
    <Data>
        <OctetString Value="0100342000FF" />
    </Data>
(685) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Get Number of voltage sags in phase L3 1-0:72.32.0.255 (@1213)
(686) .logical_name
PASSED
    <Data>
        <OctetString Value="0100482000FF" />
    </Data>
(687) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Get Duration of last voltage sag in phase L1 1-0:32.33.0.255 (@1217)
(688) .logical_name
PASSED
    <Data>
        <OctetString Value="0100202100FF" />
    </Data>
(689) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(690) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="07" />
        </Structure>
    </Data>

Mngmt Get Duration of last voltage sag in phase L2 1-0:52.33.0.255 (@1223)
(691) .logical_name
PASSED
    <Data>
        <OctetString Value="0100342100FF" />
    </Data>
(692) .value
PASSED

```

```
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(693) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="07" />
      </Structure>
    </Data>

Mngmt Get Duration of last voltage sag in phase L3 1-0:72.33.0.255 (@1229)
(694) .logical_name
PASSED
    <Data>
      <OctetString Value="0100482100FF" />
    </Data>
(695) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(696) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="07" />
      </Structure>
    </Data>

Mngmt Get Magnitude of last voltage sag in phase L1 1-0:32.34.0.255 (@1235)
(697) .logical_name
PASSED
    <Data>
      <OctetString Value="0100202200FF" />
    </Data>
(698) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(699) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>

Mngmt Get Magnitude of last voltage sag in phase L2 1-0:52.34.0.255 (@1241)
(700) .logical_name
```


PASSED

```
<Data>
  <OctetString Value="0100342200FF" />
</Data>
```

(701) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(702) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Magnitude of last voltage sag in phase L3 1-0:72.34.0.255 (@1247)

(703) .logical_name

PASSED

```
<Data>
  <OctetString Value="0100482200FF" />
</Data>
```

(704) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(705) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Threshold for voltage swell 1-0:12.35.0.255 (@1253)

(706) .logical_name

PASSED

```
<Data>
  <OctetString Value="01000C2300FF" />
</Data>
```

(707) .value

PASSED

```
<Data>
  <LongUnsigned Value="00FD" />
</Data>
```

(708) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
  </Structure>
</Data>
```

```
        <Enum Value="23" />
    </Structure>
</Data>
```

Mngmt Get Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(709) .logical_name

PASSED

```
    <Data>
        <OctetString Value="01000C2C00FF" />
    </Data>
```

(710) .value

PASSED

```
    <Data>
        <LongUnsigned Value="001E" />
    </Data>
```

(711) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="07" />
        </Structure>
    </Data>
```

Mngmt Get Number of voltage swells in phase L1 1-0:32.36.0.255 (@1265)
(712) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100202400FF" />
    </Data>
```

(713) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
```

Mngmt Get Number of voltage swells in phase L2 1-0:52.36.0.255 (@1269)
(714) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100342400FF" />
    </Data>
```

(715) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
```

Mngmt Get Number of voltage swells in phase L3 1-0:72.36.0.255 (@1273)
(716) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100482400FF" />
    </Data>
```

(717) .value
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L1 1-0:32.37.0.255 (@1277)

(718) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100202500FF" />  
</Data>
```

(719) .value
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(720) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L2 1-0:52.37.0.255 (@1283)

(721) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100342500FF" />  
</Data>
```

(722) .value
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(723) .scaler_unit
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L3 1-0:72.37.0.255 (@1289)

(724) .logical_name
PASSED

```
<Data>  
  <OctetString Value="0100482500FF" />  
</Data>
```

(725) .value
PASSED

```

    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(726) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="07" />
      </Structure>
    </Data>

Mngmt Get Magnitude of last voltage swell in phase L1 1-0:32.38.0.255 (@1295)
(727) .logical_name
PASSED
    <Data>
      <OctetString Value="0100202600FF" />
    </Data>
(728) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(729) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>

Mngmt Get Magnitude of last voltage swell in phase L2 1-0:52.38.0.255 (@1301)
(730) .logical_name
PASSED
    <Data>
      <OctetString Value="0100342600FF" />
    </Data>
(731) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(732) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>

Mngmt Get Magnitude of last voltage swell in phase L3 1-0:72.38.0.255 (@1307)
(733) .logical_name

```

PASSED

```
<Data>
  <OctetString Value="0100482600FF" />
</Data>
```

(734) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(735) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)

(736) .logical_name

PASSED

```
<Data>
  <OctetString Value="01000C2700FF" />
</Data>
```

(737) .value

PASSED

```
<Data>
  <LongUnsigned Value="0067" />
</Data>
```

(738) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Time threshold for voltage cut 1-0:12.45.0.255 (@1319)

(739) .logical_name

PASSED

```
<Data>
  <OctetString Value="01000C2D00FF" />
</Data>
```

(740) .value

PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

(741) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
  </Structure>
</Data>
```

```
        <Enum Value="07" />
    </Structure>
</Data>
```

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)

(742) .logical_name

PASSED

```
    <Data>
        <OctetString Value="0100636100FF" />
    </Data>
```

(743) .capture_objects

PASSED

```
    <Data>
        <Array Qty="0002" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0000600713FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
```

(744) .capture_period

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(745) .sort_method

PASSED

```
    <Data>
        <Enum Value="01" />
    </Data>
```

(746) .sort_object

PASSED

```
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="00FE" />
        </Structure>
    </Data>
```

(747) .entries_in_use

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
```

(748) .profile_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000032" />
</Data>
```

Mngmt Get Event Object - Power Quality Log 0-0:96.11.4.255 (@1336)
(749) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000600B04FF" />
</Data>
```

(750) .value

PASSED

```
<Data>
  <LongUnsigned Value="0411" />
</Data>
```

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(751) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000636204FF" />
</Data>
```

(752) .capture_objects

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B04FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(753) .capture_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(754) .sort_method

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

(755) .sort_object

PASSED

```
<Data>
```

```

        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="00FE" />
        </Structure>
    </Data>
(756) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>
(757) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Instantaneous voltage L1 1-0:32.7.0.255 (@1351)
(758) .logical_name
PASSED
    <Data>
        <OctetString Value="0100200700FF" />
    </Data>
(759) .value
PASSED
    <Data>
        <LongUnsigned Value="0968" />
    </Data>
(760) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />
            <Enum Value="23" />
        </Structure>
    </Data>

Mngmt Get Average voltage L1 1-0:32.24.0.255 (@1357)
(761) .logical_name
PASSED
    <Data>
        <OctetString Value="0100201800FF" />
    </Data>
(762) .value
PASSED
    <Data>
        <LongUnsigned Value="0966" />
    </Data>
(763) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />

```



```
        <Enum Value="23" />
    </Structure>
</Data>
```

Mngmt Get Instantaneous current L1 1-0:31.7.0.255 (@1363)
(764) .logical_name

PASSED

```
    <Data>
        <OctetString Value="01001F0700FF" />
    </Data>
```

(765) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
```

(766) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
```

Mngmt Get Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255
(@1369)

(767) .logical_name

PASSED

```
    <Data>
        <OctetString Value="01001F0400FF" />
    </Data>
```

(768) .current_average_value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(769) .last_average_value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(770) .scaler_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
```

(771) .status

PASSED

```
    <Data>
        <Unsigned Value="00" />
    </Data>
```

```
(772) .capture_time
PASSED
    <Data>
        <OctetString Value="07E70801020B0505FFFF8880" />
    </Data>
(773) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E70801020B0325FFFF8880" />
    </Data>
(774) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(775) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="005A" />
    </Data>

Mngmt Get Instantaneous voltage L2 1-0:52.7.0.255 (@1382)
(776) .logical_name
PASSED
    <Data>
        <OctetString Value="0100340700FF" />
    </Data>
(777) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(778) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />
            <Enum Value="23" />
        </Structure>
    </Data>

Mngmt Get Average voltage L2 1-0:52.24.0.255 (@1388)
(779) .logical_name
PASSED
    <Data>
        <OctetString Value="0100341800FF" />
    </Data>
(780) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(781) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Instantaneous current L2 1-0:51.7.0.255 (@1394)
(782) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100330700FF" />
</Data>
```

(783) .value
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(784) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

Mngmt Get Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255
(@1400)

(785) .logical_name
PASSED

```
<Data>
  <OctetString Value="0100330400FF" />
</Data>
```

(786) .current_average_value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(787) .last_average_value
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(788) .scaler_unit
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

(789) .status
PASSED

```

    <Data>
      <Unsigned Value="00" />
    </Data>
(790) .capture_time
PASSED
    <Data>
      <OctetString Value="07E70801020B0517FFFF8880" />
    </Data>
(791) .start_time_current
PASSED
    <Data>
      <OctetString Value="07E70801020B0337FFFF8880" />
    </Data>
(792) .period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000001" />
    </Data>
(793) .number_of_periods
PASSED
    <Data>
      <LongUnsigned Value="005A" />
    </Data>

Mngmt Get Instantaneous voltage L3 1-0:72.7.0.255 (@1413)
(794) .logical_name
PASSED
    <Data>
      <OctetString Value="0100480700FF" />
    </Data>
(795) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(796) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="FF" />
        <Enum Value="23" />
      </Structure>
    </Data>

Mngmt Get Average voltage L3 1-0:72.24.0.255 (@1419)
(797) .logical_name
PASSED
    <Data>
      <OctetString Value="0100481800FF" />
    </Data>
(798) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />

```

```
</Data>
(799) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
    <Enum Value="23" />
  </Structure>
</Data>
```

```
Mngmt Get Instantaneous current L3 1-0:71.7.0.255 (@1425)
(800) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="0100470700FF" />
</Data>
```

```
(801) .value
PASSED
```

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

```
(802) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

```
Mngmt Get Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255
(@1431)
```

```
(803) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="0100470400FF" />
</Data>
```

```
(804) .current_average_value
PASSED
```

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

```
(805) .last_average_value
PASSED
```

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

```
(806) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
```

```

    </Data>
(807) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(808) .capture_time
PASSED
    <Data>
        <OctetString Value="07E70801020B0529FFFF8880" />
    </Data>
(809) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E70801020B040DFFFF8880" />
    </Data>
(810) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(811) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="005A" />
    </Data>

Mngmt Get Instantaneous current (sum over all phases) 1-0:90.7.0.255 (@1444)
(812) .logical_name
PASSED
    <Data>
        <OctetString Value="01005A0700FF" />
    </Data>
(813) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(814) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>

Mngmt Get Instantaneous net frequency; any phase 1-0:14.7.0.255 (@1450)
(815) .logical_name
INAPPLICABLE
    Optional object is not implemented
(816) .value
INAPPLICABLE
    Optional object is not implemented

```

```
(817) .scaler_unit
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Instantaneous active power (|+A|+|-A|) 1-0:15.7.0.255 (@1456)
(818) .logical_name
PASSED
    <Data>
        <OctetString Value="01000F0700FF" />
    </Data>
(819) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(820) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>

Mngmt Get Instantaneous active import power (+A) 1-0:1.7.0.255 (@1462)
(821) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010700FF" />
    </Data>
(822) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(823) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>

Mngmt Get Instantaneous active export power (-A) 1-0:2.7.0.255 (@1468)
(824) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020700FF" />
    </Data>
(825) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

```

    </Data>
(826) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1B" />
      </Structure>
    </Data>

Mngmt Get Instantaneous reactive import power (+R) 1-0:3.7.0.255 (@1474)
(827) .logical_name
PASSED
    <Data>
      <OctetString Value="0100030700FF" />
    </Data>
(828) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(829) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>

Mngmt Get Instantaneous reactive export power (-R) 1-0:4.7.0.255 (@1480)
(830) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040700FF" />
    </Data>
(831) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(832) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>

Mngmt Get Instantaneous apparent import power (+VA) 1-0:9.7.0.255 (@1486)
(833) .logical_name
INAPPLICABLE
    Optional object is not implemented

```



```

(834) .value
INAPPLICABLE
    Optional object is not implemented
(835) .scaler_unit
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Instantaneous apparent export power (-VA) 1-0:10.7.0.255 (@1492)
(836) .logical_name
INAPPLICABLE
    Optional object is not implemented
(837) .value
INAPPLICABLE
    Optional object is not implemented
(838) .scaler_unit
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Average Import Power (+A) 1-0:1.24.0.255 (@1498)
(839) .logical_name
PASSED
    <Data>
        <OctetString Value="0100011800FF" />
    </Data>
(840) .current_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(841) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(842) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(843) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(844) .capture_time
PASSED
    <Data>
        <OctetString Value="07E70801020B051CFFFF8880" />
    </Data>
(845) .start_time_current
PASSED

```

```
    <Data>
      <OctetString Value="07E70801020A331CFFFF8880" />
    </Data>
(846) .period
PASSED
    <Data>
      <DoubleLongUnsigned Value="0000003C" />
    </Data>
(847) .number_of_periods
PASSED
    <Data>
      <LongUnsigned Value="000F" />
    </Data>
```

Mngmt Get Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)

```
(848) .logical_name
INAPPLICABLE
  Optional object is not implemented
(849) .current_average_value
INAPPLICABLE
  Optional object is not implemented
(850) .last_average_value
INAPPLICABLE
  Optional object is not implemented
(851) .scaler_unit
INAPPLICABLE
  Optional object is not implemented
(852) .status
INAPPLICABLE
  Optional object is not implemented
(853) .capture_time
INAPPLICABLE
  Optional object is not implemented
(854) .start_time_current
INAPPLICABLE
  Optional object is not implemented
(855) .period
INAPPLICABLE
  Optional object is not implemented
(856) .number_of_periods
INAPPLICABLE
  Optional object is not implemented
```

Mngmt Get Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)

```
(857) .logical_name
PASSED
    <Data>
      <OctetString Value="01000F1800FF" />
    </Data>
(858) .current_average_value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(859) .last_average_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(860) .scaler_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(861) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(862) .capture_time

PASSED

```
<Data>
  <OctetString Value="07E70801020B051CFFFF8880" />
</Data>
```

(863) .start_time_current

PASSED

```
<Data>
  <OctetString Value="07E70801020A331CFFFF8880" />
</Data>
```

(864) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000003C" />
</Data>
```

(865) .number_of_periods

PASSED

```
<Data>
  <LongUnsigned Value="000F" />
</Data>
```

Mngmt Get Instantaneous Power factor (+A/+VA) 1-0:13.7.0.255 (@1537)

(866) .logical_name

INAPPLICABLE

Optional object is not implemented

(867) .value

INAPPLICABLE

Optional object is not implemented

(868) .scaler_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Last Average Power factor (+A/+VA) 1-0:13.5.0.255 (@1543)

(869) .logical_name

INAPPLICABLE

Optional object is not implemented

(870) .value
INAPPLICABLE

Optional object is not implemented

(871) .scaler_unit
INAPPLICABLE
Optional object is not implemented

(872) .status
INAPPLICABLE
Optional object is not implemented

(873) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Minimum Power factor (+A/+VA) 1-0:13.3.0.255 (@1551)

(874) .logical_name
INAPPLICABLE
Optional object is not implemented

(875) .value
INAPPLICABLE
Optional object is not implemented

(876) .scaler_unit
INAPPLICABLE
Optional object is not implemented

(877) .status
INAPPLICABLE
Optional object is not implemented

(878) .capture_time
INAPPLICABLE
Optional object is not implemented

Mngmt Get Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)

(879) .logical_name
INAPPLICABLE
Optional object is not implemented

(880) .value
INAPPLICABLE
Optional object is not implemented

(881) .scaler_unit
INAPPLICABLE
Optional object is not implemented

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)

(882) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(883) .comm_speed
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)

(884) .logical_name
INAPPLICABLE
Optional object is not implemented

(885) .comm_speed

INAPPLICABLE

Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)

(886) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(887) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(888) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(889) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(890) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(891) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(892) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions

(893) .version

INAPPLICABLE

Object is not required according to OM and/or extensions

(894) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions

(895) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(896) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(897) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)

(898) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(899) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(900) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(901) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(902) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

(903) .identification_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(904) .manufacturer_id
INAPPLICABLE
Object is not required according to OM and/or extensions

(905) .version
INAPPLICABLE
Object is not required according to OM and/or extensions

(906) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions

(907) .access_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(908) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(909) .alarm
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)

(910) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(911) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(912) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(913) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(914) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

(915) .identification_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(916) .manufacturer_id
INAPPLICABLE
Object is not required according to OM and/or extensions

(917) .version
INAPPLICABLE
Object is not required according to OM and/or extensions

(918) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions

(919) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(920) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(921) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)

(922) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(923) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(924) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(925) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(926) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(927) .identification_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(928) .manufacturer_id

INAPPLICABLE

Object is not required according to OM and/or extensions

(929) .version

INAPPLICABLE

Object is not required according to OM and/or extensions

(930) .device_type

INAPPLICABLE

Object is not required according to OM and/or extensions

(931) .access_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(932) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(933) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)

(934) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(935) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(936) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(937) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(938) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(939) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(940) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(941) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(942) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(943) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)
(944) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(945) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(946) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(947) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(948) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)
(949) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(950) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(951) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

(952) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(953) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(954) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(955) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(956) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(957) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(958) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(959) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(960) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(961) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(962) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(963) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)
(964) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(965) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(966) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(967) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(968) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)
(969) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(970) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(971) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(972) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(973) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(974) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(975) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(976) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(977) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(978) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(979) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(980) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(981) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(982) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(983) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)
(984) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(985) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(986) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(987) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(988) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)
(989) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(990) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(991) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(992) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(993) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(994) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(995) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(996) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(997) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(998) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(999) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1000) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1001) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(1002) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(1003) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)

(1004) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1005) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1006) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(1007) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(1008) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)

(1009) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1010) .value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1011) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions
(1012) .status

INAPPLICABLE

Object is not required according to OM and/or extensions
(1013) .capture_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)

(1014) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1015) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(1016) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1017) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(1018) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1019) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(1020) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1021) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(1022) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1023) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(1024) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1025) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(1026) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1027) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(1028) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1029) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 1 0-1:96.10.3.255
(@1822)
(1030) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1031) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 2 0-2:96.10.3.255
(@1826)
(1032) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1033) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 3 0-3:96.10.3.255
(@1830)
(1034) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1035) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 4 0-4:96.10.3.255
(@1834)
(1036) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1037) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1038) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1039) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1040) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1041) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions

(1042) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1043) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1044) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)

(1045) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1046) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1047) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1048) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1049) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1050) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1051) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)

(1052) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1053) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1054) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1055) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1056) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1057) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1058) .profile_entries
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(1059) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1060) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(1061) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions
(1062) .sort_method

INAPPLICABLE

Object is not required according to OM and/or extensions
(1063) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions
(1064) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions
(1065) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1066) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1067) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1068) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1069) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(1070) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1071) .output_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1072) .control_state

INAPPLICABLE

Object is not required according to OM and/or extensions
(1073) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)

(1074) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1075) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(1076) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(1077) .control_mode
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(1078) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1079) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(1080) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(1081) .control_mode
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(1082) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1083) .executed_script
INAPPLICABLE
Object is not required according to OM and/or extensions
(1084) .type
INAPPLICABLE
Object is not required according to OM and/or extensions
(1085) .execution_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)
(1086) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1087) .scripts
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 1 0-1:96.11.4.255 (@1925)
(1088) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1089) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 2 0-2:96.11.4.255 (@1929)
(1090) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1091) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 3 0-3:96.11.4.255 (@1933)
(1092) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1093) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 4 0-4:96.11.4.255 (@1937)
(1094) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1095) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1096) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1097) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(1098) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(1099) .sort_method

INAPPLICABLE

Object is not required according to OM and/or extensions

(1100) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions

(1101) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions

(1102) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(1103) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1104) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1105) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1106) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1107) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1108) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1109) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

(1110) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1111) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1112) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1113) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(1114) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(1115) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(1116) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)

(1117) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(1118) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(1119) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(1120) .sort_method
INAPPLICABLE

Object is not required according to OM and/or extensions
(1121) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions
(1122) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions
(1123) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Object - M-Bus Event Log 0-0:96.11.3.255 (@1985)

(1124) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1125) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)

(1126) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1127) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(1128) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions
(1129) .sort_method

INAPPLICABLE

Object is not required according to OM and/or extensions
(1130) .sort_object

INAPPLICABLE

Object is not required according to OM and/or extensions
(1131) .entries_in_use

INAPPLICABLE

Object is not required according to OM and/or extensions
(1132) .profile_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)

(1133) .logical_name

INAPPLICABLE

Optional object is not implemented

(1134) .default_mode

INAPPLICABLE

Optional object is not implemented

(1135) .default_baud

INAPPLICABLE

Optional object is not implemented

(1136) .prop_baud

INAPPLICABLE

```
Optional object is not implemented
(1137) .response_time
INAPPLICABLE
Optional object is not implemented
(1138) .device_addr
INAPPLICABLE
Optional object is not implemented

Mngmt Get IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(1139) .logical_name
PASSED
  <Data>
    <OctetString Value="0000160000FF" />
  </Data>
(1140) .comm_speed
PASSED
  <Data>
    <Enum Value="05" />
  </Data>
(1141) .window_size_transmit
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(1142) .window_size_receive
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(1143) .max_info_field_lenght_transmit
PASSED
  <Data>
    <LongUnsigned Value="0222" />
  </Data>
(1144) .max_info_field_lenght_receive
PASSED
  <Data>
    <LongUnsigned Value="0242" />
  </Data>
(1145) .inter_octet_time_out
PASSED
  <Data>
    <LongUnsigned Value="03E8" />
  </Data>
(1146) .inactivity_time_out
PASSED
  <Data>
    <LongUnsigned Value="0078" />
  </Data>
(1147) .device_address
PASSED
  <Data>
    <LongUnsigned Value="0013" />
  </Data>
```

```
Mngmt Get TCP-UDP setup 0-0:25.0.0.255 (@2024)
(1148) .logical_name
PASSED
    <Data>
        <OctetString Value="0000190000FF" />
    </Data>
(1149) .TCP-UDP_port
PASSED
    <Data>
        <LongUnsigned Value="0FDB" />
    </Data>
(1150) .IP_reference
PASSED
    <Data>
        <OctetString Value="0000190100FF" />
    </Data>
(1151) .MSS
PASSED
    <Data>
        <LongUnsigned Value="0500" />
    </Data>
(1152) .nb_of_sim_conn
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1153) .inactivity_time_out
PASSED
    <Data>
        <LongUnsigned Value="00B4" />
    </Data>

Mngmt Get IPv4 setup 0-0:25.1.0.255 (@2032)
(1154) .logical_name
PASSED
    <Data>
        <OctetString Value="0000190100FF" />
    </Data>
(1155) .DL_reference
PASSED
    <Data>
        <OctetString Value="0000190300FF" />
    </Data>
(1156) .IP_address
PASSED
    <Data>
        <DoubleLongUnsigned Value="BCCF2261" />
    </Data>
(1157) .multicast_IP_address
PASSED
    <Data>
        <Array Qty="0000" >
    </Array>
```

```
</Data>
(1158) .IP_options
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1159) .subnet_mask
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1160) .gateway_IP_address
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1161) .use_DHCP_flag
PASSED
  <Data>
    <Boolean Value="00" />
  </Data>
(1162) .primary_DNS_address
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1163) .secondary_DNS_address
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

Mngmt Get IPv6 setup 0-0:25.7.0.255 (@2047)

```
(1164) .logical_name
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1165) .DL_reference
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1166) .address_config_mode
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1167) .unicast_IPv6_addresses
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1168) .multicast_IPv6_addresses
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1169) .gateway_IPv6_address
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1170) .primary_DNS_address
INAPPLICABLE
  Object is not required according to OM and/or extensions
```

Object is not required according to OM and/or extensions
(1171) .secondary_DNS_address
INAPPLICABLE
Object is not required according to OM and/or extensions
(1172) .traffic_class
INAPPLICABLE
Object is not required according to OM and/or extensions
(1173) .neighbor_discovery_setup
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get PPP setup 0-0:25.3.0.255 (@2061)

(1174) .logical_name

PASSED

```
<Data>
  <OctetString Value="0000190300FF" />
</Data>
```

(1175) .PHY_refernce

PASSED

```
<Data>
  <OctetString Value="0000190400FF" />
</Data>
```

(1176) .LCP_options

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <Unsigned Value="03" />
      <Unsigned Value="04" />
      <LongUnsigned Value="C023" />
    </Structure>
  </Array>
</Data>
```

(1177) .IPCP_options

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <Unsigned Value="02" />
      <Unsigned Value="04" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(1178) .PPP_authentication

PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="\Kema1" />
    <OctetString Value="\gAM4mVvD" />
  </Structure>
</Data>
```

Mngmt Get Push setup - Interval_1 0-1:25.9.0.255 (@2069)


```
(1179) .logical_name
PASSED
  <Data>
    <OctetString Value="0001190900FF" />
  </Data>
(1180) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1181) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="\194.53.239.90:4059" />
      <Enum Value="00" />
    </Structure>
  </Data>
(1182) .communication_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1183) .randomisation_start_interval
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(1184) .number_of_retries
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(1185) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="001E" />
  </Data>

Mngmt Get Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(1186) .logical_name
PASSED
  <Data>
    <OctetString Value="0002190900FF" />
  </Data>
(1187) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
```

```

(1188) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="\10.0.30.17:4000" />
      <Enum Value="00" />
    </Structure>
  </Data>
(1189) .communication_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1190) .randomisation_start_interval
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(1191) .number_of_retries
PASSED
  <Data>
    <Unsigned Value="05" />
  </Data>
(1192) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0078" />
  </Data>

Mngmt Get Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(1193) .logical_name
PASSED
  <Data>
    <OctetString Value="0003190900FF" />
  </Data>
(1194) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1195) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="\10.0.30.17:4000" />
      <Enum Value="00" />
    </Structure>
  </Data>
(1196) .communication_window
PASSED

```

```
    <Data>
      <Array Qty="0000" >
        </Array>
      </Data>
(1197) .randomisation_start_interval
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(1198) .number_of_retries
PASSED
    <Data>
      <Unsigned Value="05" />
    </Data>
(1199) .repetition_delay
PASSED
    <Data>
      <LongUnsigned Value="0078" />
    </Data>

Mngmt Get Push setup - On Alarm 0-4:25.9.0.255 (@2099)
(1200) .logical_name
PASSED
    <Data>
      <OctetString Value="0004190900FF" />
    </Data>
(1201) .push_object_list
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
      </Data>
(1202) .send_destination_and_method
PASSED
    <Data>
      <Structure Qty="0003" >
        <Enum Value="00" />
        <OctetString Value="\10.0.30.17:4000" />
        <Enum Value="00" />
      </Structure>
    </Data>
(1203) .communication_window
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
      </Data>
(1204) .randomisation_start_interval
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(1205) .number_of_retries
PASSED
```

```

    <Data>
      <Unsigned Value="05" />
    </Data>
(1206) .repetition_delay
PASSED
    <Data>
      <LongUnsigned Value="0078" />
    </Data>

Mngmt Get Push setup - On Connectivity 0-0:25.9.0.255 (@2109)
(1207) .logical_name
PASSED
    <Data>
      <OctetString Value="0000190900FF" />
    </Data>
(1208) .push_object_list
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
    </Data>
(1209) .send_destination_and_method
PASSED
    <Data>
      <Structure Qty="0003" >
        <Enum Value="00" />
        <OctetString Value="\10.0.30.17:4000" />
        <Enum Value="00" />
      </Structure>
    </Data>
(1210) .communication_window
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
    </Data>
(1211) .randomisation_start_interval
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(1212) .number_of_retries
PASSED
    <Data>
      <Unsigned Value="05" />
    </Data>
(1213) .repetition_delay
PASSED
    <Data>
      <LongUnsigned Value="0078" />
    </Data>

Mngmt Get Push setup - On Installation 0-7:25.9.0.255 (@2119)
(1214) .logical_name

```

```

PASSED
    <Data>
        <OctetString Value="0007190900FF" />
    </Data>
(1215) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
    </Data>
(1216) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="\10.0.30.17:4000" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1217) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
    </Data>
(1218) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1219) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(1220) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>

Mngmt Get Push setup - On Power down 0-5:25.9.0.255 (@2129)
(1221) .logical_name
INAPPLICABLE
    Optional object is not implemented
(1222) .push_object_list
INAPPLICABLE
    Optional object is not implemented
(1223) .send_destination_and_method
INAPPLICABLE
    Optional object is not implemented
(1224) .communication_window
INAPPLICABLE
    Optional object is not implemented

```

(1225) .randomisation_start_interval
INAPPLICABLE

Optional object is not implemented

(1226) .number_of_retries
INAPPLICABLE

Optional object is not implemented

(1227) .repetition_delay
INAPPLICABLE

Optional object is not implemented

Mngmt Get Push script table 0-0:10.0.108.255 (@2139)

(1228) .logical_name
PASSED

```
<Data>
  <OctetString Value="00000A006CFF" />
</Data>
```

(1229) .scripts
PASSED

```
<Data>
  <Array Qty="0007" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0001" >
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0028" />
          <OctetString Value="0001190900FF" />
          <Integer Value="01" />
          <Integer Value="00" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0002" />
      <Array Qty="0001" >
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0028" />
          <OctetString Value="0002190900FF" />
          <Integer Value="01" />
          <Integer Value="00" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <Array Qty="0001" >
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0028" />
          <OctetString Value="0003190900FF" />
          <Integer Value="01" />
          <Integer Value="00" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

```

    </Array>
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0001" >
      <Structure Qty="0005" >
        <Enum Value="02" />
        <LongUnsigned Value="0028" />
        <OctetString Value="0004190900FF" />
        <Integer Value="01" />
        <Integer Value="00" />
      </Structure>
    </Array>
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0005" />
    <Array Qty="0001" >
      <Structure Qty="0005" >
        <Enum Value="02" />
        <LongUnsigned Value="0028" />
        <OctetString Value="0000190900FF" />
        <Integer Value="01" />
        <Integer Value="00" />
      </Structure>
    </Array>
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0006" />
    <Array Qty="0001" >
      <Structure Qty="0005" >
        <Enum Value="02" />
        <LongUnsigned Value="0028" />
        <OctetString Value="0007190900FF" />
        <Integer Value="01" />
        <Integer Value="00" />
      </Structure>
    </Array>
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0007" />
    <Array Qty="0001" >
      <Structure Qty="0005" >
        <Enum Value="02" />
        <LongUnsigned Value="0028" />
        <OctetString Value="0005190900FF" />
        <Integer Value="01" />
        <Integer Value="00" />
      </Structure>
    </Array>
  </Structure>
</Array>
</Data>

```

Mngmt Get Push action scheduler - Interval_1 0-1:15.0.4.255 (@2144)

(1230) .logical_name
PASSED

```
<Data>  
  <OctetString Value="00010F0004FF" />  
</Data>
```

(1231) .executed_script
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <OctetString Value="00000A006CFF" />  
    <LongUnsigned Value="0001" />  
  </Structure>  
</Data>
```

(1232) .type
PASSED

```
<Data>  
  <Enum Value="05" />  
</Data>
```

(1233) .execution_time
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

Mngmt Get Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)

(1234) .logical_name
PASSED

```
<Data>  
  <OctetString Value="00020F0004FF" />  
</Data>
```

(1235) .executed_script
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <OctetString Value="00000A006CFF" />  
    <LongUnsigned Value="0002" />  
  </Structure>  
</Data>
```

(1236) .type
PASSED

```
<Data>  
  <Enum Value="05" />  
</Data>
```

(1237) .execution_time
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

Mngmt Get Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)

(1238) .logical_name
PASSED


```

    <Data>
      <OctetString Value="00030F0004FF" />
    </Data>
(1239) .executed_script
PASSED
    <Data>
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0003" />
      </Structure>
    </Data>
(1240) .type
PASSED
    <Data>
      <Enum Value="05" />
    </Data>
(1241) .execution_time
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
    </Data>

Mngmt Get Auto connect 0-0:2.1.0.255 (@2163)
(1242) .logical_name
PASSED
    <Data>
      <OctetString Value="0000020100FF" />
    </Data>
(1243) .mode
PASSED
    <Data>
      <Enum Value="65" />
    </Data>
(1244) .repetitions
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(1245) .repetition_delay
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(1246) .calling_window
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
    </Data>
(1247) .destination_list
PASSED
    <Data>
      <Array Qty="0000" >

```

```
    </Array>
  </Data>
```

Mngmt Get MAC address setup 0-0:25.2.0.255 (@2172)
(1248) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1249) .MAC_address

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get GPRS modem setup 0-0:25.4.0.255 (@2177)
(1250) .logical_name

PASSED

```
  <Data>
    <OctetString Value="0000190400FF" />
  </Data>
```

(1251) .APN

PASSED

```
  <Data>
    <OctetString Value="" />
  </Data>
```

(1252) .PIN_code

PASSED

```
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
```

(1253) .quality_of_service

PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Structure Qty="0005" >
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
      </Structure>
      <Structure Qty="0005" >
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
      </Structure>
    </Structure>
  </Data>
```

Mngmt Get Modem configuration 0-0:2.0.0.255 (@2183)
(1254) .logical_name

PASSED

```
  <Data>
    <OctetString Value="0000020000FF" />
  </Data>
```

```
(1255) .comm_speed
PASSED
  <Data>
    <Enum Value="05" />
  </Data>
(1256) .initialization_string
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1257) .modem_profile
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

Mngmt Get Auto answer 0-0:2.2.0.255 (@2189)
(1258) .logical_name
PASSED
  <Data>
    <OctetString Value="0000020200FF" />
  </Data>
(1259) .mode
PASSED
  <Data>
    <Enum Value="00" />
  </Data>
(1260) .listening_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(1261) .status
PASSED
  <Data>
    <Enum Value="00" />
  </Data>
(1262) .number_of_calls
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(1263) .number_of_rings
PASSED
  <Data>
    <Structure Qty="0002" >
      <Unsigned Value="00" />
      <Unsigned Value="00" />
    </Structure>
  </Data>
(1264) .list_of_allowed_callers
```

PASSED

```
<Data>  
  <Array Qty="0000" >  
    </Array>  
</Data>
```

Mngmt Get G3-PLC MAC layer counters 0-0:29.0.0.255 (@2199)
(1265) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1266) .mac_Tx_data_packet_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1267) .mac_Rx_data_packet_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1268) .mac_Tx_cmd_packet_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1269) .mac_Rx_cmd_packet_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1270) .mac_CSMA_fail_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1271) .mac_CSMA_no_ACK_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1272) .mac_bad_CRC_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1273) .mac_Tx_data_broadcast_count

INAPPLICABLE

Object is not required according to OM and/or extensions
(1274) .mac_Rx_data_broadcast_count

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get G3-PLC MAC setup 0-0:29.1.0.255 (@2212)
(1275) .logical_name

INAPPLICABLE

Object is not required according to OM and/or extensions
(1276) .mac_short_address

INAPPLICABLE

Object is not required according to OM and/or extensions
(1277) .mac_RC_coord

INAPPLICABLE

Object is not required according to OM and/or extensions
(1278) .mac_PAN_id

INAPPLICABLE

Object is not required according to OM and/or extensions
(1279) .mac_frame_counter

INAPPLICABLE

Object is not required according to OM and/or extensions

(1280) .mac_tone_mask
INAPPLICABLE
Object is not required according to OM and/or extensions

(1281) .mac_TMR_TTL
INAPPLICABLE
Object is not required according to OM and/or extensions

(1282) .mac_max_frame_retries
INAPPLICABLE
Object is not required according to OM and/or extensions

(1283) .mac_neighbour_table_entry_TTL
INAPPLICABLE
Object is not required according to OM and/or extensions

(1284) .mac_neighbour_table
INAPPLICABLE
Object is not required according to OM and/or extensions

(1285) .mac_high_priority_window_size
INAPPLICABLE
Object is not required according to OM and/or extensions

(1286) .mac_CSMA_fairness_limit
INAPPLICABLE
Object is not required according to OM and/or extensions

(1287) .mac_beacon_randomization_window_length
INAPPLICABLE
Object is not required according to OM and/or extensions

(1288) .mac_A
INAPPLICABLE
Object is not required according to OM and/or extensions

(1289) .mac_K
INAPPLICABLE
Object is not required according to OM and/or extensions

(1290) .mac_min_CW_attempts
INAPPLICABLE
Object is not required according to OM and/or extensions

(1291) .mac_cenelec_legacy_mode
INAPPLICABLE
Object is not required according to OM and/or extensions

(1292) .mac_FCC_legacy_mode
INAPPLICABLE
Object is not required according to OM and/or extensions

(1293) .mac_max_BE
INAPPLICABLE
Object is not required according to OM and/or extensions

(1294) .mac_max_CSMA_backoffs
INAPPLICABLE
Object is not required according to OM and/or extensions

(1295) .mac_min_BE
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)

(1296) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(1297) .adp_max_hops

INAPPLICABLE

Object is not required according to OM and/or extensions
(1298) .adp_weak_LQI_value

INAPPLICABLE

Object is not required according to OM and/or extensions
(1299) .adp_security_level

INAPPLICABLE

Object is not required according to OM and/or extensions
(1300) .adp_prefix_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1301) .adp_routing_configuration

INAPPLICABLE

Object is not required according to OM and/or extensions
(1302) .adp_broadcast_log_table_entry_TTL

INAPPLICABLE

Object is not required according to OM and/or extensions
(1303) .adp_routing_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1304) .adp_context_information_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1305) .adp_blacklist_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1306) .adp_broadcast_log_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1307) .adp_group_table

INAPPLICABLE

Object is not required according to OM and/or extensions
(1308) .adp_max_join_wait_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(1309) .adp_path_discovery_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(1310) .adp_active_key_index

INAPPLICABLE

Object is not required according to OM and/or extensions
(1311) .adp_metric_type

INAPPLICABLE

Object is not required according to OM and/or extensions
(1312) .adp_coord_short_address

INAPPLICABLE

Object is not required according to OM and/or extensions
(1313) .adp_disable_default_routing

INAPPLICABLE

Object is not required according to OM and/or extensions
(1314) .adp_device_type

INAPPLICABLE

Object is not required according to OM and/or extensions

Test Case 6 : Set mngmt attributes, 325 item(s)

Mngmt Set Current association 0-0:40.0.0.255 (@9)
(1) .authentication_mechanism_name
INAPPLICABLE
Optional access right not available
(2) .secret
PASSED
<Data>
 <OctetString Value="\12345678" />
</Data>

Mngmt Set Security setup 0-0:43.0.0.255 (@24)
(3) .security_suite
PASSED
<Data>
 <Enum Value="00" />
</Data>

Mngmt Set Device ID 2 0-0:96.1.1.255 (@50)
(4) .value
PASSED
<Data>
 <OctetString Value="\SANXING SMART ELECTRIC" />
</Data>

Mngmt Set Device ID 3 0-0:96.1.2.255 (@54)
(5) .value
PASSED
<Data>
 <OctetString Value="" />
</Data>

Mngmt Set Device ID 4 0-0:96.1.3.255 (@58)
(6) .value
PASSED
<Data>
 <OctetString Value="" />
</Data>

Mngmt Set Device ID 5 0-0:96.1.4.255 (@62)
(7) .value
PASSED
<Data>
 <OctetString Value="" />
</Data>

Mngmt Set Clock 0-0:1.0.0.255 (@75)
(8) .time
PASSED
<Data>
 <OctetString Value="07E70801020A3825FFFF8880" />

```
    </Data>
(9) .time_zone
PASSED
    <Data>
        <Long Value="FFC4" />
    </Data>
(10) .daylights_savings_begin
PASSED
    <Data>
        <OctetString Value="FFFF03FE07020000008000FF" />
    </Data>
(11) .daylights_savings_end
PASSED
    <Data>
        <OctetString Value="FFFF0AFE07030000008000FF" />
    </Data>
(12) .daylights_savings_deviation
PASSED
    <Data>
        <Integer Value="3C" />
    </Data>
(13) .daylights_savings_enabled
PASSED
    <Data>
        <Boolean Value="01" />
    </Data>
```

Mngmt Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)

```
(14) .value
PASSED
    <Data>
        <Unsigned Value="3C" />
    </Data>
```

Mngmt Set NTP setup 0-0:25.10.0.255 (@100)

```
(15) .activated
INAPPLICABLE
    Optional object is not implemented
(16) .server_address
INAPPLICABLE
    Optional object is not implemented
(17) .server_port
INAPPLICABLE
    Optional object is not implemented
(18) .authentication_method
INAPPLICABLE
    Optional object is not implemented
(19) .authentication_keys
INAPPLICABLE
    Optional object is not implemented
(20) .client_key
INAPPLICABLE
    Optional object is not implemented
```


Mngmt Set Activity Calendar 0-0:13.0.0.255 (@112)

(21) .calendar_name_passive

PASSED

```
<Data>
  <OctetString Value="\CNP_F41F" />
</Data>
```

(22) .season_profile_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0003" >
      <OctetString Value="\1" />
      <OctetString Value="FFFF0501FFFFFFFFFFFF8000FF" />
      <OctetString Value="\1" />
    </Structure>
    <Structure Qty="0003" >
      <OctetString Value="\2" />
      <OctetString Value="FFFF0B01FFFFFFFFFFFF8000FF" />
      <OctetString Value="\2" />
    </Structure>
  </Array>
</Data>
```

(23) .week_profile_table_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0008" >
      <OctetString Value="\1" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
    </Structure>
    <Structure Qty="0008" >
      <OctetString Value="\2" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

(24) .day_profile_table_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <Unsigned Value="01" />
    </Structure>
  </Array>
</Data>
```

```

    <Array Qty="0002" >
      <Structure Qty="0003" >
        <OctetString Value="07000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="17000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Array>
  </Structure>
  <Structure Qty="0002" >
    <Unsigned Value="02" />
    <Array Qty="0004" >
      <Structure Qty="0003" >
        <OctetString Value="02000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="08000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="0F000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
      </Structure>
      <Structure Qty="0003" >
        <OctetString Value="11000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Array>
  </Structure>
</Array>
</Data>

```

(25) .activate_passive_calendar_time
 PASSED

```

  <Data>
    <OctetString Value="07F8050304000000FF8000FF" />
  </Data>

```

Mngmt Set Special Days Table 0-0:11.0.0.255 (@125)
 (26) .entries
 PASSED

```

  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

```

Mngmt Set Register activation - Energy 0-0:14.0.1.255 (@129)
(27) .register_assignment
INAPPLICABLE
Optional access right not available
(28) .mask_list
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\RATE1" />
      <Array Qty="000F" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
        <Unsigned Value="31" />
        <Unsigned Value="35" />
        <Unsigned Value="39" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE2" />
      <Array Qty="000F" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
        <Unsigned Value="2A" />
        <Unsigned Value="2E" />
        <Unsigned Value="32" />
        <Unsigned Value="36" />
        <Unsigned Value="3A" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE3" />
      <Array Qty="000F" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
      </Array>
    </Structure>
  </Array>
```

```
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
        <Unsigned Value="2B" />
        <Unsigned Value="2F" />
        <Unsigned Value="33" />
        <Unsigned Value="37" />
        <Unsigned Value="3B" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000F" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
        <Unsigned Value="2C" />
        <Unsigned Value="30" />
        <Unsigned Value="34" />
        <Unsigned Value="38" />
        <Unsigned Value="3C" />
    </Array>
</Structure>
</Array>
</Data>
```

Mngmt Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(29) .register_assignment

INAPPLICABLE

Optional access right not available

(30) .mask_list

PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\RATE1" />
      <Array Qty="000A" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
```

```
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE2" />
    <Array Qty="000A" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE3" />
    <Array Qty="000A" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000A" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
    </Array>
</Structure>
</Array>
</Data>
```

Mngmt Set Tariffication script table 0-0:10.0.100.255 (@141)
(31) .scripts
PASSED

```
<_Data>
  <Array Qty="0008" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0003" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0001FF" />
          <Integer Value="04" />
          <OctetString Value="\RATE1" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0002FF" />
          <Integer Value="04" />
          <OctetString Value="\RATE1" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0046" />
          <OctetString Value="000160030AFF" />
          <Integer Value="03" />
          <Enum Value="01" />
        </Structure>
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0002" />
      <Array Qty="0003" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0001FF" />
          <Integer Value="04" />
          <OctetString Value="\RATE2" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
          <OctetString Value="00000E0002FF" />
          <Integer Value="04" />
          <OctetString Value="\RATE2" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0046" />
          <OctetString Value="000160030AFF" />
          <Integer Value="03" />
          <Enum Value="01" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</_Data>
```

```
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="01" />
    </Structure>
  </Array>
</Structure>
```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0005" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE1" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE1" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0006" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
```



```
<LongUnsigned Value="0007" />
<Array Qty="0003" >
  <Structure Qty="0005" >
    <Enum Value="01" />
    <LongUnsigned Value="0006" />
    <OctetString Value="00000E0001FF" />
    <Integer Value="04" />
    <OctetString Value="\RATE3" />
  </Structure>
  <Structure Qty="0005" >
    <Enum Value="01" />
    <LongUnsigned Value="0006" />
    <OctetString Value="00000E0002FF" />
    <Integer Value="04" />
    <OctetString Value="\RATE3" />
  </Structure>
  <Structure Qty="0005" >
    <Enum Value="01" />
    <LongUnsigned Value="0046" />
    <OctetString Value="000160030AFF" />
    <Integer Value="03" />
    <Enum Value="02" />
  </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0008" />
  <Array Qty="0003" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\RATE4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0046" />
      <OctetString Value="000160030AFF" />
      <Integer Value="03" />
      <Enum Value="02" />
    </Structure>
  </Array>
</Structure>
</Array>
</_Data>
```

Mngmt Set End of billing period 1 scheduler 0-0:15.0.0.255 (@152)
(32) .type
INAPPLICABLE
Optional access right not available
(33) .execution_time
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <OctetString Value="00000000" />  
      <OctetString Value="FFFFFF01FF" />  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Set Data of billing period 1 0-0:98.1.0.255 (@158)
(34) .capture_objects
PASSED

```
<Data>  
  <Array Qty="0005" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020801FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020802FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Set Disconnect control scheduler 0-0:15.0.1.255 (@170)

(35) .executed_script
PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006AFF" />
    <LongUnsigned Value="0003" />
  </Structure>
</Data>
```

(36) .type
INAPPLICABLE

Optional access right not available

(37) .execution_time
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <OctetString Value="FFFFFFFF" />
      <OctetString Value="FFFFFFFFFFFF" />
    </Structure>
  </Array>
</Data>
```

Mngmt Set Disconnect control 0-0:96.3.10.255 (@181)

(38) .control_mode
PASSED

```
<Data>
  <Enum Value="04" />
</Data>
```

Mngmt Set Disconnect Control Log 0-0:99.98.2.255 (@193)

(39) .capture_objects
INAPPLICABLE

Optional access right not available

Mngmt Set Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)

(40) .control_mode
PASSED

```
<Data>
  <Enum Value="06" />
</Data>
```

Mngmt Set Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)

(41) .control_mode
INAPPLICABLE

Optional object is not implemented

Mngmt Set Limiter 0-0:17.0.0.255 (@225)

(42) .monitored_value
PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100011800FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

```

        </Structure>
    </Data>
(43) .threshold_normal
PASSED
    <Data>
        <DoubleLongUnsigned Value="00010D88" />
    </Data>
(44) .treshold_emergency
PASSED
    <Data>
        <DoubleLongUnsigned Value="00010D88" />
    </Data>
(45) .min_over_threshold_duration
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000B4" />
    </Data>
(46) .min_under_threshold_duration
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000B4" />
    </Data>
(47) .emergency_profile
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="FFFFFFFF110000FF800000" />
            <DoubleLongUnsigned Value="00003840" />
        </Structure>
    </Data>
(48) .emergency_profile_group_id_list
PASSED
    <Data>
        <Array Qty="0001" >
            <LongUnsigned Value="0001" />
        </Array>
    </Data>
(49) .actions
PASSED
    <Data>
        <Structure Qty="0002" >
            <Structure Qty="0002" >
                <OctetString Value="00000A006AFF" />
                <LongUnsigned Value="0001" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="00000A006AFF" />
                <LongUnsigned Value="0002" />
            </Structure>
        </Structure>
    </Data>

```

(50) .thresholds
PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

(51) .monitored_value
PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="01001F0400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(52) .actions
PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)

(53) .thresholds
PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

(54) .monitored_value
PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100330400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(55) .actions
PASSED

```
<Data>
  <Array Qty="0001" >
```

```
<Structure Qty="0002" >
  <Structure Qty="0002" >
    <OctetString Value="00000A006AFF" />
    <LongUnsigned Value="0001" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="00000A006AFF" />
    <LongUnsigned Value="0002" />
  </Structure>
</Structure>
</Array>
</Data>
```

Mngmt Set Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)

(56) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <LongUnsigned Value="2EE0" />
  </Array>
</Data>
```

(57) .monitored_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100470400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(58) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0002" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Error Register 0-0:97.97.0.255 (@257)

(59) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00002010" />
</Data>
```

Mngmt Set Alarm Register 1 0-0:97.98.0.255 (@261)
(60) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00002010" />
</Data>
```

Mngmt Set Alarm Filter 1 0-0:97.98.10.255 (@265)
(61) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="FFFFFFFF" />
</Data>
```

Mngmt Set Alarm Descriptor 1 0-0:97.98.20.255 (@269)
(62) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00002010" />
</Data>
```

Mngmt Set Alarm Monitor 1 0-0:16.1.0.255 (@273)
(63) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0004" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006CFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Alarm Register 2 0-0:97.98.1.255 (@279)
(64) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0004003A" />
</Data>
```

Mngmt Set Alarm Filter 2 0-0:97.98.11.255 (@283)
(65) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="FFFFFFFF" />
</Data>
```

Mngmt Set Alarm Descriptor 2 0-0:97.98.21.255 (@287)

(66) .value
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="0004003F" />  
</Data>
```

Mngmt Set Alarm Monitor 2 0-0:16.1.1.255 (@291)
(67) .actions
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0004" />  
      </Structure>  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0000" />  
      </Structure>  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Set Standard Event Log 0-0:99.98.0.255 (@301)
(68) .capture_objects
INAPPLICABLE
Optional access right not available

Mngmt Set Fraud Detection Log 0-0:99.98.1.255 (@316)
(69) .capture_objects
INAPPLICABLE
Optional access right not available

Mngmt Set Communication Log 0-0:99.98.5.255 (@331)
(70) .capture_objects
INAPPLICABLE
Optional access right not available

Mngmt Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)
(71) .value
PASSED

```
<Data>  
  <OctetString Value="" />  
</Data>
```

Mngmt Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)
(72) .value
PASSED

```
<Data>  
  <OctetString Value="\12345678" />  
</Data>
```

Mngmt Set Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)

(73) .executed_script
INAPPLICABLE
Object is not required according to OM and/or extensions
(74) .type
INAPPLICABLE
Object is not required according to OM and/or extensions
(75) .execution_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set Push setup - Consumer Information 0-6:25.9.0.255 (@357)

(76) .push_object_list
INAPPLICABLE
Object is not required according to OM and/or extensions
(77) .send_destination_and_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(78) .communication_window
INAPPLICABLE
Object is not required according to OM and/or extensions
(79) .randomisation_start_interval
INAPPLICABLE
Object is not required according to OM and/or extensions
(80) .number_of_retries
INAPPLICABLE
Object is not required according to OM and/or extensions
(81) .repetition_delay
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set Security setup - Consumer Information 0-0:43.0.1.255 (@367)

(82) .security_suite
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255 (@376)

(83) .comm_speed
INAPPLICABLE
Object is not required according to OM and/or extensions
(84) .window_size_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(85) .window_size_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(86) .max_info_field_lenght_transmit
INAPPLICABLE
Object is not required according to OM and/or extensions
(87) .max_info_field_lenght_receive
INAPPLICABLE
Object is not required according to OM and/or extensions
(88) .inter_octet_time_out
INAPPLICABLE

Object is not required according to OM and/or extensions
(89) .inactivity_time_out
INAPPLICABLE

Object is not required according to OM and/or extensions
(90) .device_address
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Image transfer 0-0:44.0.0.255 (@388)
(91) .image_block_size
INAPPLICABLE

Optional access right not available
(92) .image_transfer_enabled
PASSED

```
<Data>  
  <Boolean Value="00" />  
</Data>
```

Mngmt Set Image transfer activation scheduler 0-0:15.0.2.255 (@401)
(93) .executed_script
INAPPLICABLE

Optional access right not available
(94) .type
INAPPLICABLE

Optional access right not available
(95) .execution_time
PASSED

```
<Data>  
  <Array Qty="0000" >  
  </Array>  
</Data>
```

Mngmt Set Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)
(96) .period
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000384" />  
</Data>
```

(97) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="0001" />  
</Data>
```

Mngmt Set Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)
(98) .period
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000384" />  
</Data>
```

(99) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="0001" />
```

</Data>

Mngmt Set Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255
(@801)

(100) .period

PASSED

<Data>

<DoubleLongUnsigned Value="00000384" />

</Data>

(101) .number_of_periods

PASSED

<Data>

<LongUnsigned Value="0001" />

</Data>

Mngmt Set Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255
(@814)

(102) .period

PASSED

<Data>

<DoubleLongUnsigned Value="00000384" />

</Data>

(103) .number_of_periods

PASSED

<Data>

<LongUnsigned Value="0001" />

</Data>

Mngmt Set Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255
(@827)

(104) .period

INAPPLICABLE

Optional object is not implemented

(105) .number_of_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Set Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255
(@840)

(106) .period

INAPPLICABLE

Optional object is not implemented

(107) .number_of_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Set Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255
(@1146)

(108) .capture_objects

PASSED

<Data>

<Array Qty="0004" >

<Structure Qty="0004" >

<LongUnsigned Value="0008" />

```
        <OctetString Value="0000010000FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000600A01FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

(109) .capture_period
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000384" />
</Data>
```

(110) .profile_entries
INAPPLICABLE
Optional access right not available

Mngmt Set Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255
(@1161)

(111) .capture_objects
PASSED

```
<Data>
    <Array Qty="0004" >
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000600A02FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
            <LongUnsigned Value="0003" />
            <OctetString Value="0100010800FF" />
        </Structure>
    </Array>
```

```

        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(112) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00015180" />
    </Data>
(113) .profile_entries
INAPPLICABLE
    Optional access right not available

Mngmt Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)
(114) .value
PASSED
    <Data>
        <LongUnsigned Value="00B4" />
    </Data>

Mngmt Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)
(115) .value
PASSED
    <Data>
        <LongUnsigned Value="00CF" />
    </Data>

Mngmt Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)
(116) .value
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)
(117) .value
PASSED
    <Data>
        <LongUnsigned Value="00FD" />
    </Data>

Mngmt Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(118) .value
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

```

Mngmt Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)
(119) .value
PASSED

```
<Data>  
  <LongUnsigned Value="0067" />  
</Data>
```

Mngmt Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)
(120) .value
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

Mngmt Set Power Failure Event Log 1-0:99.97.0.255 (@1325)
(121) .capture_objects
INAPPLICABLE

Optional access right not available

Mngmt Set Power Quality Log 0-0:99.98.4.255 (@1340)
(122) .capture_objects
INAPPLICABLE

Optional access right not available

Mngmt Set Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255
(@1369)
(123) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="005A" />  
</Data>
```

Mngmt Set Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255
(@1400)
(124) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="005A" />  
</Data>
```

Mngmt Set Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255
(@1431)
(125) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="005A" />  
</Data>
```

Mngmt Set Average Import Power (+A) 1-0:1.24.0.255 (@1498)
(126) .number_of_periods
PASSED

```
<Data>  
  <LongUnsigned Value="000F" />
```

</Data>

Mngmt Set Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)
(127) .number_of_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Set Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)
(128) .number_of_periods

PASSED

<Data>

<LongUnsigned Value="000F" />

</Data>

Mngmt Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)
(129) .value

INAPPLICABLE

Optional object is not implemented

Mngmt Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(130) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(131) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(132) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(133) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(134) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(135) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(136) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(137) .primary_address

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(138) .mbus_port_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(139) .capture_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(140) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(141) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)

(142) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(143) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(144) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(145) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)

(146) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)

(147) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)

(148) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)

(149) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)

(150) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)

(151) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)

(152) .scaler_unit
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)
(153) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(154) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(155) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)
(156) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)
(157) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(158) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(159) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)
(160) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)
(161) .scaler_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(162) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(163) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(164) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(165) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(166) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(167) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(168) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(169) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(170) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(171) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
(172) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(173) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(174) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(175) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(176) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions
(177) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(178) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(179) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(180) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(181) .control_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(182) .executed_script

INAPPLICABLE

Object is not required according to OM and/or extensions
(183) .type

INAPPLICABLE

Object is not required according to OM and/or extensions
(184) .execution_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(185) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(186) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(187) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(188) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Event Log 0-0:99.98.3.255 (@1989)
(189) .capture_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)
(190) .default_mode

INAPPLICABLE

Optional object is not implemented

(191) .default_baud

INAPPLICABLE

Optional object is not implemented

(192) .prop_baud

INAPPLICABLE

Optional object is not implemented

(193) .response_time

INAPPLICABLE

Optional object is not implemented

(194) .device_addr

INAPPLICABLE

Optional object is not implemented

(195) .pass_p1

INAPPLICABLE

Optional object is not implemented

(196) .pass_p2

INAPPLICABLE

Optional object is not implemented

(197) .pass_p3

INAPPLICABLE

Optional object is not implemented

Mngmt Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(198) .comm_speed

PASSED

```
<Data>
  <Enum Value="05" />
</Data>
```

(199) .window_size_transmit

PASSED

```
<Data>
  <Unsigned Value="01" />
</Data>
```

(200) .window_size_receive

PASSED

```
<Data>
  <Unsigned Value="01" />
```

```
</Data>
(201) .max_info_field_lenght_transmit
PASSED
  <Data>
    <LongUnsigned Value="0222" />
  </Data>
(202) .max_info_field_lenght_receive
PASSED
  <Data>
    <LongUnsigned Value="0242" />
  </Data>
(203) .inter_octet_time_out
PASSED
  <Data>
    <LongUnsigned Value="03E8" />
  </Data>
(204) .inactivity_time_out
PASSED
  <Data>
    <LongUnsigned Value="0078" />
  </Data>
(205) .device_address
PASSED
  <Data>
    <LongUnsigned Value="0013" />
  </Data>

Mngmt Set TCP-UDP setup 0-0:25.0.0.255 (@2024)
(206) .TCP-UDP_port
PASSED
  <Data>
    <LongUnsigned Value="0FDB" />
  </Data>
(207) .MSS
PASSED
  <Data>
    <LongUnsigned Value="0500" />
  </Data>
(208) .nb_of_sim_conn
PASSED
  <Data>
    <Unsigned Value="01" />
  </Data>
(209) .inactivity_time_out
PASSED
  <Data>
    <LongUnsigned Value="00B4" />
  </Data>

Mngmt Set IPv4 setup 0-0:25.1.0.255 (@2032)
(210) .DL_reference
PASSED
  <Data>
    <OctetString Value="0000190300FF" />
```

```
    </Data>
(211) .IP_address
PASSED
    <Data>
        <DoubleLongUnsigned Value="BCCF2261" />
    </Data>
(212) .multicast_IP_address
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(213) .IP_options
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(214) .subnet_mask
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(215) .gateway_IP_address
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(216) .use_DHCP_flag
PASSED
    <Data>
        <Boolean Value="00" />
    </Data>
(217) .primary_DNS_address
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(218) .secondary_DNS_address
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

Mngmt Set IPv6 setup 0-0:25.7.0.255 (@2047)

```
(219) .DL_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(220) .address_config_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions
(221) .unicast_IPv6_addresses
INAPPLICABLE
    Object is not required according to OM and/or extensions
```

(222) .multicast_IPv6_addresses
INAPPLICABLE
Object is not required according to OM and/or extensions
(223) .gateway_IPv6_address
INAPPLICABLE
Object is not required according to OM and/or extensions
(224) .primary_DNS_address
INAPPLICABLE
Object is not required according to OM and/or extensions
(225) .secondary_DNS_address
INAPPLICABLE
Object is not required according to OM and/or extensions
(226) .traffic_class
INAPPLICABLE
Object is not required according to OM and/or extensions
(227) .neighbor_discovery_setup
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Set PPP setup 0-0:25.3.0.255 (@2061)

(228) .PHY_refernce
PASSED
<Data>
 <OctetString Value="0000190400FF" />
</Data>

(229) .LCP_options
PASSED
<Data>
 <Array Qty="0001" >
 <Structure Qty="0003" >
 <Unsigned Value="03" />
 <Unsigned Value="04" />
 <LongUnsigned Value="C023" />
 </Structure>
 </Array>
</Data>

(230) .IPCP_options
PASSED
<Data>
 <Array Qty="0001" >
 <Structure Qty="0003" >
 <Unsigned Value="02" />
 <Unsigned Value="04" />
 <LongUnsigned Value="0000" />
 </Structure>
 </Array>
</Data>

(231) .PPP_authentication
PASSED
<Data>
 <Structure Qty="0002" >
 <OctetString Value="\Kema1" />
 <OctetString Value="\gAM4mVvD" />
 </Structure>

```

        </Data>

Mngmt Set Push setup - Interval_1 0-1:25.9.0.255 (@2069)
(232) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(233) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="\194.53.239.90:4059" />
            <Enum Value="00" />
        </Structure>
    </Data>
(234) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(235) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(236) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(237) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="001E" />
    </Data>

Mngmt Set Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(238) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(239) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="\10.0.30.17:4000" />
            <Enum Value="00" />
        </Structure>
    </Data>

```



```

        </Structure>
    </Data>
(240) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(241) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(242) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(243) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>

Mngmt Set Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(244) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(245) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="\10.0.30.17:4000" />
            <Enum Value="00" />
        </Structure>
    </Data>
(246) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(247) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(248) .number_of_retries
PASSED
    <Data>

```

```

        <Unsigned Value="05" />
    </Data>
(249) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>

Mngmt Set Push setup - On Alarm 0-4:25.9.0.255 (@2099)
(250) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(251) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="\10.0.30.17:4000" />
            <Enum Value="00" />
        </Structure>
    </Data>
(252) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(253) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(254) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(255) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>

Mngmt Set Push setup - On Connectivity 0-0:25.9.0.255 (@2109)
(256) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(257) .send_destination_and_method

```

PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="\10.0.30.17:4000" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(258) .communication_window
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(259) .randomisation_start_interval
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(260) .number_of_retries
PASSED

```
<Data>
  <Unsigned Value="05" />
</Data>
```

(261) .repetition_delay
PASSED

```
<Data>
  <LongUnsigned Value="0078" />
</Data>
```

Mngmt Set Push setup - On Installation 0-7:25.9.0.255 (@2119)

(262) .push_object_list
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(263) .send_destination_and_method
PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="\10.0.30.17:4000" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(264) .communication_window
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(265) .randomisation_start_interval
PASSED

```
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
```

(266) .number_of_retries

PASSED

```
    <Data>
      <Unsigned Value="05" />
    </Data>
```

(267) .repetition_delay

PASSED

```
    <Data>
      <LongUnsigned Value="0078" />
    </Data>
```

Mngmt Set Push setup - On Power down 0-5:25.9.0.255 (@2129)

(268) .push_object_list

INAPPLICABLE

Optional object is not implemented

(269) .send_destination_and_method

INAPPLICABLE

Optional object is not implemented

(270) .communication_window

INAPPLICABLE

Optional object is not implemented

(271) .randomisation_start_interval

INAPPLICABLE

Optional object is not implemented

(272) .number_of_retries

INAPPLICABLE

Optional object is not implemented

(273) .repetition_delay

INAPPLICABLE

Optional object is not implemented

Mngmt Set Push script table 0-0:10.0.108.255 (@2139)

(274) .scripts

INAPPLICABLE

Optional access right not available

Mngmt Set Push action scheduler - Interval_1 0-1:15.0.4.255 (@2144)

(275) .executed_script

INAPPLICABLE

Optional access right not available

(276) .type

INAPPLICABLE

Optional access right not available

(277) .execution_time

PASSED

```
    <Data>
      <Array Qty="0000" >
      </Array>
    </Data>
```

Mngmt Set Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)

(278) .executed_script
INAPPLICABLE
Optional access right not available

(279) .type
INAPPLICABLE
Optional access right not available

(280) .execution_time
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

Mngmt Set Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)

(281) .executed_script
INAPPLICABLE
Optional access right not available

(282) .type
INAPPLICABLE
Optional access right not available

(283) .execution_time
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

Mngmt Set Auto connect 0-0:2.1.0.255 (@2163)

(284) .mode
PASSED
<Data>
 <Enum Value="65" />
</Data>

(285) .repetitions
PASSED
<Data>
 <Unsigned Value="00" />
</Data>

(286) .repetition_delay
PASSED
<Data>
 <LongUnsigned Value="0000" />
</Data>

(287) .calling_window
PASSED
<Data>
 <Array Qty="0000" >
 </Array>
</Data>

(288) .destination_list
INAPPLICABLE
Optional access right not available

Mngmt Set GPRS modem setup 0-0:25.4.0.255 (@2177)

```

(289) .APN
PASSED
    <Data>
        <OctetString Value="" />
    </Data>
(290) .PIN_code
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(291) .quality_of_service
PASSED
    <Data>
        <Structure Qty="0002" >
            <Structure Qty="0005" >
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
            </Structure>
            <Structure Qty="0005" >
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
                <Unsigned Value="00" />
            </Structure>
        </Structure>
    </Data>

Mngmt Set Modem configuration 0-0:2.0.0.255 (@2183)
(292) .comm_speed
PASSED
    <Data>
        <Enum Value="05" />
    </Data>
(293) .initialization_string
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(294) .modem_profile
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>

Mngmt Set Auto answer 0-0:2.2.0.255 (@2189)
(295) .mode
PASSED
    <Data>

```

```

        <Enum Value="00" />
    </Data>
(296) .listening_window
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
        </Data>
(297) .status
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(298) .number_of_calls
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(299) .number_of_rings
PASSED
    <Data>
        <Structure Qty="0002" >
            <Unsigned Value="00" />
            <Unsigned Value="00" />
        </Structure>
    </Data>
(300) .list_of_allowed_callers
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
        </Data>

```

Mngmt Set G3-PLC MAC setup 0-0:29.1.0.255 (@2212)

```

(301) .mac_key_table
INAPPLICABLE
    Object is not required according to OM and/or extensions
(302) .mac_tone_mask
INAPPLICABLE
    Object is not required according to OM and/or extensions
(303) .mac_TMR_TTL
INAPPLICABLE
    Object is not required according to OM and/or extensions
(304) .mac_max_frame_retries
INAPPLICABLE
    Object is not required according to OM and/or extensions
(305) .mac_neighbour_table_entry_TTL
INAPPLICABLE
    Object is not required according to OM and/or extensions
(306) .mac_high_priority_window_size
INAPPLICABLE
    Object is not required according to OM and/or extensions
(307) .mac_CSMA_fairness_limit
INAPPLICABLE

```

Object is not required according to OM and/or extensions
(308) .mac_beacon_randomization_window_length

INAPPLICABLE

Object is not required according to OM and/or extensions
(309) .mac_A

INAPPLICABLE

Object is not required according to OM and/or extensions
(310) .mac_K

INAPPLICABLE

Object is not required according to OM and/or extensions
(311) .mac_min_CW_attempts

INAPPLICABLE

Object is not required according to OM and/or extensions
(312) .mac_max_BE

INAPPLICABLE

Object is not required according to OM and/or extensions
(313) .mac_max_CSMA_backoffs

INAPPLICABLE

Object is not required according to OM and/or extensions
(314) .mac_min_BE

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)

(315) .adp_max_hops

INAPPLICABLE

Object is not required according to OM and/or extensions
(316) .adp_weak_LQI_value

INAPPLICABLE

Object is not required according to OM and/or extensions
(317) .adp_security_level

INAPPLICABLE

Object is not required according to OM and/or extensions
(318) .adp_routing_configuration

INAPPLICABLE

Object is not required according to OM and/or extensions
(319) .adp_broadcast_log_table_entry_TTL

INAPPLICABLE

Object is not required according to OM and/or extensions
(320) .adp_max_join_wait_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(321) .adp_path_discovery_time

INAPPLICABLE

Object is not required according to OM and/or extensions
(322) .adp_metric_type

INAPPLICABLE

Object is not required according to OM and/or extensions
(323) .adp_coord_short_address

INAPPLICABLE

Object is not required according to OM and/or extensions
(324) .adp_disable_default_routing

INAPPLICABLE

Object is not required according to OM and/or extensions

(325) .adp_device_type
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 7 : Set Pre attributes, 71 item(s)

Pre Set Clock 0-0:1.0.0.255 (@75)

(1) .time

PASSED

```
<Data>
  <OctetString Value="07E70801020A3825FFFF8880" />
</Data>
```

(2) .time_zone

PASSED

```
<Data>
  <Long Value="FFC4" />
</Data>
```

(3) .daylights_savings_begin

PASSED

```
<Data>
  <OctetString Value="FFFF03FE07020000008000FF" />
</Data>
```

(4) .daylights_savings_end

PASSED

```
<Data>
  <OctetString Value="FFFF0AFE07030000008000FF" />
</Data>
```

(5) .daylights_savings_deviation

PASSED

```
<Data>
  <Integer Value="3C" />
</Data>
```

(6) .daylights_savings_enabled

PASSED

```
<Data>
  <Boolean Value="01" />
</Data>
```

Pre Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(7) .value

PASSED

```
<Data>
  <Unsigned Value="3C" />
</Data>
```

Pre Set NTP setup 0-0:25.10.0.255 (@100)

(8) .activated

INAPPLICABLE

Optional object is not implemented

Pre Set Activity Calendar 0-0:13.0.0.255 (@112)

(9) .calendar_name_passive

PASSED

```
<Data>
  <OctetString Value="\CNP_F41F" />
</Data>
```

(10) .season_profile_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0003" >
      <OctetString Value="\1" />
      <OctetString Value="FFFF0501FFFFFFFFFFFF8000FF" />
      <OctetString Value="\1" />
    </Structure>
    <Structure Qty="0003" >
      <OctetString Value="\2" />
      <OctetString Value="FFFF0B01FFFFFFFFFFFF8000FF" />
      <OctetString Value="\2" />
    </Structure>
  </Array>
</Data>
```

(11) .week_profile_table_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0008" >
      <OctetString Value="\1" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
      <Unsigned Value="01" />
    </Structure>
    <Structure Qty="0008" >
      <OctetString Value="\2" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

(12) .day_profile_table_passive

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0002" >
      <Unsigned Value="01" />
      <Array Qty="0002" >
        <Structure Qty="0003" >
```

```

        <OctetString Value="07000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0001" />
    </Structure>
    <Structure Qty="0003" >
        <OctetString Value="17000000" />
        <OctetString Value="00000A0064FF" />
        <LongUnsigned Value="0002" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <Unsigned Value="02" />
    <Array Qty="0004" >
        <Structure Qty="0003" >
            <OctetString Value="02000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0002" />
        </Structure>
        <Structure Qty="0003" >
            <OctetString Value="08000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0001" />
        </Structure>
        <Structure Qty="0003" >
            <OctetString Value="0F000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0002" />
        </Structure>
        <Structure Qty="0003" >
            <OctetString Value="11000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0001" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>

```

(13) .activate_passive_calendar_time
PASSED

```

<Data>
    <OctetString Value="07F8050304000000FF8000FF" />
</Data>

```

Pre Set Special Days Table 0-0:11.0.0.255 (@125)

(14) .entries
PASSED

```

<Data>
    <Array Qty="0000" >
    </Array>
</Data>

```

Pre Set Register activation - Energy 0-0:14.0.1.255 (@129)

(15) .register_assignment

INAPPLICABLE

Optional access right not available

(16) .mask_list

PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\RATE1" />
      <Array Qty="000F" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
        <Unsigned Value="31" />
        <Unsigned Value="35" />
        <Unsigned Value="39" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE2" />
      <Array Qty="000F" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
        <Unsigned Value="2A" />
        <Unsigned Value="2E" />
        <Unsigned Value="32" />
        <Unsigned Value="36" />
        <Unsigned Value="3A" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\RATE3" />
      <Array Qty="000F" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
      </Array>
    </Structure>
  </Array>
</Data>
```

```

        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
        <Unsigned Value="2B" />
        <Unsigned Value="2F" />
        <Unsigned Value="33" />
        <Unsigned Value="37" />
        <Unsigned Value="3B" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000F" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
        <Unsigned Value="2C" />
        <Unsigned Value="30" />
        <Unsigned Value="34" />
        <Unsigned Value="38" />
        <Unsigned Value="3C" />
    </Array>
</Structure>
</Array>
</Data>

```

Pre Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(17) .register_assignment

INAPPLICABLE

Optional access right not available

(18) .mask_list

PASSED

```

<Data>
    <Array Qty="0004" >
        <Structure Qty="0002" >
            <OctetString Value="\RATE1" />
            <Array Qty="000A" >
                <Unsigned Value="01" />
                <Unsigned Value="05" />
                <Unsigned Value="09" />
                <Unsigned Value="0D" />
                <Unsigned Value="11" />
                <Unsigned Value="15" />
                <Unsigned Value="19" />
                <Unsigned Value="1D" />
            </Array>
        </Structure>
    </Array>

```

```

        <Unsigned Value="21" />
        <Unsigned Value="25" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE2" />
    <Array Qty="000A" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE3" />
    <Array Qty="000A" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\RATE4" />
    <Array Qty="000A" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
    </Array>
</Structure>
</Array>
</Data>

```

Pre Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)
(19) .value

PASSED

```
<Data>  
  <OctetString Value="" />  
</Data>
```

Pre Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)
(20) .value

PASSED

```
<Data>  
  <OctetString Value="\12345678" />  
</Data>
```

Pre Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255 (@376)
(21) .comm_speed

INAPPLICABLE

Object is not required according to OM and/or extensions

(22) .window_size_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(23) .window_size_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(24) .max_info_field_lenght_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(25) .max_info_field_lenght_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(26) .inter_octet_time_out

INAPPLICABLE

Object is not required according to OM and/or extensions

(27) .inactivity_time_out

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)
(28) .value

PASSED

```
<Data>  
  <LongUnsigned Value="00B4" />  
</Data>
```

Pre Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)
(29) .value

PASSED

```
<Data>  
  <LongUnsigned Value="00CF" />  
</Data>
```

Pre Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)
(30) .value

PASSED

```
<Data>  
  <LongUnsigned Value="001E" />
```

</Data>

Pre Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)
(31) .value

PASSED

<Data>
 <LongUnsigned Value="00FD" />
</Data>

Pre Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)
(32) .value

PASSED

<Data>
 <LongUnsigned Value="001E" />
</Data>

Pre Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)
(33) .value

PASSED

<Data>
 <LongUnsigned Value="0067" />
</Data>

Pre Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)
(34) .value

PASSED

<Data>
 <LongUnsigned Value="001E" />
</Data>

Pre Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)
(35) .value

INAPPLICABLE

Optional object is not implemented

Pre Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(36) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(37) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(38) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(39) .capture_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(40) .control_mode
INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(41) .control_mode
INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(42) .control_mode
INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(43) .control_mode
INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)
(44) .default_mode
INAPPLICABLE

Optional object is not implemented

(45) .default_baud
INAPPLICABLE

Optional object is not implemented

(46) .prop_baud
INAPPLICABLE

Optional object is not implemented

(47) .response_time
INAPPLICABLE

Optional object is not implemented

(48) .device_addr
INAPPLICABLE

Optional object is not implemented

(49) .pass_p1
INAPPLICABLE

Optional object is not implemented

(50) .pass_p2
INAPPLICABLE

Optional object is not implemented

(51) .pass_p3
INAPPLICABLE

Optional object is not implemented

Pre Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(52) .comm_speed
PASSED

```
<Data>  
  <Enum Value="05" />  
</Data>
```

(53) .window_size_transmit

PASSED

```
<Data>
  <Unsigned Value="01" />
</Data>
```

(54) .window_size_receive

PASSED

```
<Data>
  <Unsigned Value="01" />
</Data>
```

(55) .max_info_field_lenght_transmit

PASSED

```
<Data>
  <LongUnsigned Value="0222" />
</Data>
```

(56) .max_info_field_lenght_receive

PASSED

```
<Data>
  <LongUnsigned Value="0242" />
</Data>
```

(57) .inter_octet_time_out

PASSED

```
<Data>
  <LongUnsigned Value="03E8" />
</Data>
```

(58) .inactivity_time_out

PASSED

```
<Data>
  <LongUnsigned Value="0078" />
</Data>
```

Pre Set G3-PLC MAC setup 0-0:29.1.0.255 (@2212)

(59) .mac_TMR_TTL

INAPPLICABLE

Object is not required according to OM and/or extensions

(60) .mac_max_frame_retries

INAPPLICABLE

Object is not required according to OM and/or extensions

(61) .mac_neighbour_table_entry_TTL

INAPPLICABLE

Object is not required according to OM and/or extensions

(62) .mac_high_priority_window_size

INAPPLICABLE

Object is not required according to OM and/or extensions

(63) .mac_CSMA_fairness_limit

INAPPLICABLE

Object is not required according to OM and/or extensions

(64) .mac_beacon_randomization_window_length

INAPPLICABLE

Object is not required according to OM and/or extensions

(65) .mac_A

INAPPLICABLE

Object is not required according to OM and/or extensions

(66) .mac_K

INAPPLICABLE

Object is not required according to OM and/or extensions
(67) .mac_min_CW_attempts

INAPPLICABLE

Object is not required according to OM and/or extensions

(68) .mac_max_BE

INAPPLICABLE

Object is not required according to OM and/or extensions

(69) .mac_max_CSMA_backoffs

INAPPLICABLE

Object is not required according to OM and/or extensions

(70) .mac_min_BE

INAPPLICABLE

Object is not required according to OM and/or extensions

(71) Pre Set passive calendar name and check

PASSED

calendar_name_passive set to "CNP_ED4D"

Test Case 8 : Selective access of profiles, 18 item(s)

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)

(1) .buffer

PASSED

Earliest date: 01-FEB-2023 00:00:00, latest date: 01-AUG-2023 00:00:00

Middle date: 01-MAY-2023 00:00:00

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)

(2) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 31-JUL-2023 17:34:32

Middle date: 31-JUL-2023 17:32:32

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)

(3) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 01-AUG-2023 11:08:19

Middle date: 01-AUG-2023 10:56:44

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

(4) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 01-AUG-2023 10:41:07

Middle date: 31-JUL-2023 18:06:42

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(5) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 01-AUG-2023 10:48:47

Middle date: 31-JUL-2023 18:07:22

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255 (@1146)

(6) .buffer

PASSED

Earliest date: 31-JUL-2023 17:00:00, latest date: 01-AUG-2023 11:15:00
Middle date: 31-JUL-2023 18:00:00

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255 (@1161)

(7) .buffer

PASSED

Earliest date: 27-JUL-2023 00:00:00, latest date: 01-AUG-2023 00:00:00
Middle date: 30-JUL-2023 00:00:00

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)

(8) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 31-JUL-2023 17:34:32
Middle date: 31-JUL-2023 17:32:32

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)

(9) .buffer

PASSED

Earliest date: 31-JUL-2023 17:30:32, latest date: 01-AUG-2023 10:42:58
Middle date: 31-JUL-2023 18:07:09

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)

(10) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)

(11) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)

(12) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)

(13) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)

(14) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)

(15) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

(16) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(17) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(18) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 9 : Multiple references, 4 item(s)

(1) Public, logical names
PASSED

Reading 5 attributes
<Result Qty="0005" >
 <Data>
 <OctetString Value="0000290000FF" />
 </Data>
 <Data>
 <OctetString Value="0000280000FF" />
 </Data>
 <Data>
 <OctetString Value="00002B0101FF" />
 </Data>
 <Data>
 <OctetString Value="00002B0100FF" />
 </Data>
 <Data>
 <OctetString Value="00002A0000FF" />
 </Data>
</Result>

(2) Mngmt, logical names
PASSED

Reading 16 attributes
<Result Qty="0010" >
 <Data>
 <OctetString Value="0000020100FF" />
 </Data>
 <Data>
 <OctetString Value="00030F0004FF" />
 </Data>
 <Data>
 <OctetString Value="00020F0004FF" />
 </Data>
 <Data>
 <OctetString Value="00010F0004FF" />
 </Data>
 <Data>

```
    <OctetString Value="00000A006CFF" />
  </Data>
  <Data>
    <OctetString Value="0007190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190900FF" />
  </Data>
  <Data>
    <OctetString Value="0004190900FF" />
  </Data>
  <Data>
    <OctetString Value="0003190900FF" />
  </Data>
  <Data>
    <OctetString Value="0002190900FF" />
  </Data>
  <Data>
    <OctetString Value="0001190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190000FF" />
  </Data>
  <Data>
    <OctetString Value="0000160000FF" />
  </Data>
  <Data>
    <OctetString Value="0100040700FF" />
  </Data>
  <Data>
    <OctetString Value="0100030700FF" />
  </Data>
  <Data>
    <OctetString Value="0100020700FF" />
  </Data>
</Result>
```

(3) Mngmt, mixed attributes

PASSED

Reading 9 attributes

```
<Result Qty="0009" >
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
  <Data>
    <Enum Value="00" />
  </Data>
  <Data>
    <Long Value="FFC4" />
  </Data>
  <Data>
    <OctetString Value="\RATE1" />
  </Data>
  <Data>
    <Enum Value="01" />
  </Data>
```

```
</Data>
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0008" />
    <OctetString Value="0000010000FF" />
    <Integer Value="02" />
    <LongUnsigned Value="00FE" />
  </Structure>
</Data>
<Data>
  <DoubleLongUnsigned Value="0000000C" />
</Data>
<Data>
  <DoubleLongUnsigned Value="00000064" />
</Data>
<Data>
  <LongUnsigned Value="0001" />
</Data>
</Result>
```

(4) Mngmt, long attributes (block transfer)
PASSED

Reading 3 attributes

```
<_Data Qty="0003" >
```

```
<Data>
```

```
<OctetString
```

```
Value="\QQRTVHCHLNWXGMFKPWTOTDBHIFEGIONFJASESARNWEJWFHBYAYUGMHUPXNVLNSBDPGIUSBU
FSTFIVERQEBXZPUKXHXCFXOQECSSSTNIHOQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETSUIOEESR
CXBPLWEOBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVWPBYWIXJ
RFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWIIEYIEDWQHIWBPLVXCVVUVDGDJHAHVY
VVBPCOKKKVIDTHQQUUDUSIFABAHRIOJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGTODRMDIGPZ
QLPKFEPQHGZWODZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKSLPCQUYY
RAXAZKCOBVHLNXJYMNHWMYRFIMXE" />
```

```
</Data>
```

```
<Data>
```

```
<OctetString
```

```
Value="\QQRTVHCHLNWXGMFKPWTOTDBHIFEGIONFJASESARNWEJWFHBYAYUGMHUPXNVLNSBDPGIUSBU
FSTFIVERQEBXZPUKXHXCFXOQECSSSTNIHOQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETSUIOEESR
CXBPLWEOBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVWPBYWIXJ
RFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWIIEYIEDWQHIWBPLVXCVVUVDGDJHAHVY
VVBPCOKKKVIDTHQQUUDUSIFABAHRIOJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGTODRMDIGPZ
QLPKFEPQHGZWODZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKSLPCQUYY
RAXAZKCOBVHLNXJYMNHWMYRFIMXE" />
```

```
</Data>
```

```
<Data>
```

```
<OctetString
```

```
Value="\QQRTVHCHLNWXGMFKPWTOTDBHIFEGIONFJASESARNWEJWFHBYAYUGMHUPXNVLNSBDPGIUSBU
FSTFIVERQEBXZPUKXHXCFXOQECSSSTNIHOQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETSUIOEESR
CXBPLWEOBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVWPBYWIXJ
RFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWIIEYIEDWQHIWBPLVXCVVUVDGDJHAHVY
VVBPCOKKKVIDTHQQUUDUSIFABAHRIOJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGTODRMDIGPZ
QLPKFEPQHGZWODZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKSLPCQUYY
RAXAZKCOBVHLNXJYMNHWMYRFIMXE" />
```

```
</Data>
```

```
</_Data>
```

Test Case 10 : Disconnect controls, 3 item(s)

(1) Disconnect control
PASSED
Disconnect in control mode 0
Test control mode 1
Test control mode 2
Test control mode 3
Test control mode 4
Test control mode 5
Test control mode 6
(2) Load Mgmt - Relay control 1
PASSED
(3) Load Mgmt - Relay control 2
INAPPLICABLE
Optional object is not implemented

Test Case 11 : Script tables, 2 item(s)

(1) Tariffication script table
PASSED
Tariffication script table (parameters 1):
"RATE1,RATE2,RATE3,RATE4,RATE1,RATE2,RATE3,RATE4"
Register activation - Energy (mask names): "RATE1,RATE2,RATE3,RATE4"
Tariffication script table (parameters 2):
"RATE1,RATE2,RATE3,RATE4,RATE1,RATE2,RATE3,RATE4"
Register activation - Maximum Demand (mask names):
"RATE1,RATE2,RATE3,RATE4"
calendar_name_passive name: TOU_405F
activate_passive_calendar_time: 01-AUG-2023 11:02:23
activate_passive_calendar_time: 01-AUG-2023 12:00:39
(2) MDI Reset / End of billing period script table
PASSED

Test Case 12 : Miscellaneous tests, 2 item(s)

(1) Set/Get of long attribute
PASSED
(5) COSEM logical device name
PASSED
Value: "AUX103034500003"

Test Case 13 : Application association, 18 item(s)

(1) Wrong logical device Id
PASSED
(2) Wrong client Id
PASSED
(3) Opening an already opened application association

PASSED
(4) Error on the Protocol version
PASSED
(5) Application context missing
PASSED
(6) Wrong application context
PASSED
(7) Missing calling AP title in a ciphering AARQ
PASSED
(8) Wrong system title in the Calling AP title
PASSED
(9) ACSE requirement missing
PASSED
(10) Wrong ACSE requirement
PASSED
(11) Authentication mechanism missing
PASSED
(12) Wrong authentication mechanism
PASSED
(13) Authentication value missing
PASSED
(14) Wrong authentication value
PASSED
(15) User information missing
PASSED
(16) Wrong dedicated key
PASSED
(17) Incorrect proposed conformance bloc
PASSED
(18) Incorrect negotiated conformance bloc
PASSED

Test Case 14 : xDLMS Services, 20 item(s)

(1) Get without AA opening
PASSED
(2) Set without AA opening
PASSED
(3) Action without AA opening
PASSED
(4) Get with wrong inner tag
PASSED
(5) Set with wrong inner tag
PASSED
(6) Action with wrong inner tag
PASSED
(7) Error during block transfer with get
PASSED
(8) Error during block transfer with set
PASSED
(9) Get with wrong attribute id
PASSED
(10) Set with wrong attribute id

PASSED
(11) Action with wrong attribute id
PASSED
(12) Get with wrong access right
PASSED
(13) Set with wrong access right
PASSED
(14) Action with wrong access right
PASSED
(15) Get with wrong access selector
PASSED
(16) Get with wrong access parameters
PASSED
(17) Set with wrong data type
PASSED
(18) Action with wrong data type
PASSED
(19) Set with wrong data content
PASSED
(20) Action with wrong data content
PASSED

Test Case 15 : Security Activate, 3 item(s)

(1) Activate 1

PASSED

Pre set calendar_name_passive to CNP_AABA using +A, -E
Pre set calendar_name_passive to CNP_FE58 using +A, -E tweaked A
Mngmt get calendar_name_passive using +A, -E, expect "CNP_AABA"
Mngmt set calendar_name_passive to CNP_FE58 using +A, -E tweaked A
Mngmt get calendar_name_passive using +A, -E, expect "CNP_AABA"
Mngmt set security_policy attribute to 0

(2) Activate 2

PASSED

Pre set calendar_name_passive to CNP_5610 using -A, +E
Pre set calendar_name_passive to CNP_AF69 using -A, +E tweaked E
Mngmt get calendar_name_passive using -A, +E, expect "CNP_5610"
Mngmt set calendar_name_passive to CNP_AF69 using -A, +E tweaked E
Mngmt get calendar_name_passive using -A, +E, expect "CNP_5610"
Mngmt set security_policy attribute to 0

(3) Activate 3

PASSED

Pre set calendar_name_passive to CNP_5CDA using +A, +E
Pre set calendar_name_passive to CNP_927B using +A, +E tweaked A
Mngmt get calendar_name_passive using +A, +E, expect "CNP_5CDA"
Mngmt set calendar_name_passive to CNP_927B using +A, +E tweaked A
Mngmt get calendar_name_passive using +A, +E, expect "CNP_5CDA"
Pre set calendar_name_passive to CNP_6BCD using +A, +E tweaked E
Mngmt get calendar_name_passive using +A, +E, expect "CNP_5CDA"
Mngmt set calendar_name_passive to CNP_6BCD using +A, +E tweaked E
Mngmt get calendar_name_passive using +A, +E, expect "CNP_5CDA"
Mngmt set security_policy attribute to 0

Test Case 16 : Frame counter, 5 item(s)

- (1) Unicast replay
PASSED
- (2) Broadcast replay
PASSED
- (3) Unicast Register
PASSED
- (4) Broadcast Register
PASSED
- (5) Received value
PASSED

Test Case 17 : Security global key transfer, 4 item(s)

- (1) Global unicast encryption key transfer
PASSED
- (2) Global broadcast encryption key transfer
PASSED
- (3) Global authentication key transfer
PASSED
- (4) All key transfer
PASSED

Test Case 18 : Secured service user information, 9 item(s)

- (1) AARQ not encrypted
PASSED
- (2) AARQ not authenticated
PASSED
- (3) AARQ not encrypted not authenticated
PASSED
- (4) AARQ with A security header
PASSED
- (5) AARQ with E security header
PASSED
- (6) AARQ with empty security header
PASSED
- (7) AARQ with invalid frame counter
PASSED
- (8) AARQ with invalid authentication
PASSED
- (9) AARQ with invalid encryption
PASSED

Test Case 19 : Application association release service, 6 item(s)

- (1) RLRQ invalid release request
PASSED
- (2) RLRQ with missing user information

PASSED
(3) RLRQ non secure user information
PASSED
(4) RLRQ invalid security header
PASSED
(5) RLRQ invalid authentication
PASSED
(6) RLRQ invalid encryption
PASSED

Test Case 20 : Image transfer, 3 item(s)

(1) Basic

PASSED

Block size: 256

(2) Full

PASSED

Block size: 256

ImageSize: 393232, Blocks: 1537, Last block size: 16

image_to_activate_info:

<Data>

<Array Qty="0001" >

<Structure Qty="0003" >

<DoubleLongUnsigned Value="00060010" />

<OctetString

Value="01452E5333345532382E504C2E3030363933302E56312E30302E3131" />

<OctetString Value="" />

</Structure>

</Array>

</Data>

(3) Full delayed

PASSED

Block size: 256

ImageSize: 393232, Blocks: 1537, Last block size: 16

image_to_activate_info:

<Data>

<Array Qty="0001" >

<Structure Qty="0003" >

<DoubleLongUnsigned Value="00060010" />

<OctetString

Value="01452E5333345532382E504C2E3030363933302E56312E30302E3131" />

<OctetString Value="" />

</Structure>

</Array>

</Data>

Test Case 21 : Push, 6 item(s)

(1) Push data immediately

PASSED

(2) Push data on interval

PASSED

(3) Scheduled push of profile data
PASSED
(4) Push with data block
PASSED
(5) Security activate for push
PASSED
(6) Frame counter for push
PASSED

Test Case 22 : Profiles, 7 item(s)

(1) Data of billing period 1
PASSED
 Selective access by entry not supported
(2) Load profile with period 1
PASSED
(3) Load Profile with period 2
PASSED
(4) Load profile with period 1 time shift forward
PASSED
(5) Load profile with period 2 time shift forward
PASSED
(6) Load profile with period 1 time shift backward
PASSED
(7) Load profile with period 2 time shift backward
PASSED

Test Case 23 : Wake up, 2 item(s)

(1) Wake up with clip call
INAPPLICABLE
 Clip call not supported
(2) Wake up with SMS
INAPPLICABLE
 SMS not supported

Test Case 24 : SMS, 3 item(s)

(1) SMS Set
INAPPLICABLE
 SMS not supported
(2) SMS Action and push over SMS
INAPPLICABLE
 SMS not supported
(3) SMS Security
INAPPLICABLE
 SMS not supported

* CTI *

```

// Conformance Test Information (CTI) Template

Manufacturer = {
  Name = '\Ningbo Sanxing Smart Electric Co.,Ltd'
  ThreeLettersId = '\AUX'
}

DeviceUnderTest = {
  Type = '\S34U28'
  IDISDeviceType = 103
  IDISFunctionType = [Extension_D, Extension_L]
  SerialNr = 45000003
  IPVersion = IPv4
  DataLinkLayer = GPRS
  ConsumerInformationPush = FALSE

  SMSSupported = FALSE
  ClipCallSupported = FALSE
}

TestOptions = {
}

ObjectModel = {

  // Optional objects implemented
  OptionalObjects = ''

  // Set value for Consumer Message Text
  InstanceExtraInfo = {
    LogicalName = '0-0:96.13.0.255'
    ClassId = 1
    AttributeExtraInfo = {
      AttributeId = 2
      SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
  }

  InstanceExtraInfo = {
    // Current association (@9)
    LogicalName = '0-0:40.0.0.255'
    ClassId = 15
    AttributeExtraInfo = {
      // secret
      AttributeId = 7
      AccessRights = [SET]
      SetData = '\<Data><OctetString Value="3132333435363738"
/></Data>' // set data for secret.
    }
  }

  InstanceExtraInfo = {
    LogicalName = '0-1:96.3.10.255'

```

```

    ClassId = 70
    AttributeExtraInfo = {
        AttributeId = 4
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    // Predefined Scripts - Image activation (@407)
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:17.0.0.255'
    ClassId = 71
    AttributeExtraInfo = {
        // scripts
        AttributeId = 11
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:13.0.0.255'
    ClassId = 20
    MethodExtraInfo = {
        // execute
        MethodId = 1
        AccessRights = [ACTION]
    }
}
}

TestParameters = {
    ConnectDisconnectDelay = 5000
    ClientSystemTitle = '58585A0102030405'

    ImageTransfer = {
        ImageIdentifier = '01452E5333345532382E504C2E30303639333302E56312E30302E3131'
        ImageFileName = '\E.S34U28.PL.006930.V1.00.11.bin'
        Timeout = 150000
    }

    PushTimeout = 90000
    MinInterWPDUFramesDelay = 1000
    ProfilePeriodsQty = 6
    CaptureDelay = 12000
}

```

```

ClipCallDuration = 20000

AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
}

PushSetup = {
    NumberOfRetries = 1
    RepetitionDelay = 30
}

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 10000
DataNotificationToDisconnectDelay = 1000
}

RemoteSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1200
        CipheringStyle = GENERAL
    }
}

LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES
        MechanismName = LOW_LEVEL_SECURITY
        Policy = NO_SECURITY
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = NO_SECURITY
        ServerMaxReceivePduSize = 1200
        CipheringStyle = GENERAL
    }
}

```



```

}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 138
    CipherringStyle = GENERAL
  }
}

HDLCProfile = {
  PhysicalLayer = {
    OpeningMode = MODE_E
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout = 120000
    InterFrameTimeout = 1000
    ResponseTimeout = 4000
    DISCToNDMTimeout = 4000
    AddressingSchemes = [FOUR_BYTES_ADDRESSING]
    ServerLowerMACAddress = 12288
  }
}

```

```

TCPPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 60000
  ConnectTimeout = 10000
  DisconnectToConnectDelay = 1000
}

```

```

G3PLCProfile = {
  ResponseTimeout = 40000
  FrequencyBand = FCC
  ConnectTimeout = 15000
  UDPPort = 61616
  PSK = "0F0E0D0C0B0A09080706050403020100"
}

```

// END CTI_Template

```

*****
* Miscellaneous *
*****

```

```

TestMode:                TCP
Test Plan Signature:     4B17C94219CEA631516F2AAE38123D13
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29
(20200831).xlsx
DUT system title:       4155586732AEA543
Run number:             2146

```