

### 1.1.1 Branch 0x07 “basic attributes”

This subclause lists basic management attributes as defined in IEEE Std 802.3, Clause 30. The basic attributes shown in Table 14-132 shall be supported.

The basic attributes can be part of *eOAM\_Get\_Request*, *eOAM\_Get\_Response*, *eOAM\_Set\_Request*, and *eOAM\_Set\_Response* eOAMPDUs.

**Table 14-132—Basic attributes defined in branch 0x07**

Leaf	Attribute	Definition in IEEE Std 802.3
<b>Object group: ONU management</b>		
0x00-01	aMACID	30.3.1.1.1
0x00-02	aFramesTransmittedOK	30.3.1.1.2
0x00-03	aSingleCollisionFrames	30.3.1.1.3
0x00-04	aMultipleCollisionFrames	30.3.1.1.4
0x00-05	aFramesReceivedOK	30.3.1.1.5
0x00-06	aFrameCheckSequenceErrors	30.3.1.1.6
0x00-07	aAlignmentErrors	30.3.1.1.7
0x00-08	aOctetsTransmittedOK	30.3.1.1.8
0x00-09	aFramesWithDeferredXmissions	30.3.1.1.9
0x00-0A	aLateCollisions	30.3.1.1.10
0x00-0B	aFramesAbortedDueToXSColls	30.3.1.1.11
0x00-0C	aFramesLostDueToIntMACXmitError	30.3.1.1.12
0x00-0E	aOctetsReceivedOK	30.3.1.1.14
0x00-0F	aFramesLostDueToIntMACRcvError	30.3.1.1.15
0x00-12	aMulticastFramesXmittedOK	30.3.1.1.18
0x00-13	aBroadcastFramesXmittedOK	30.3.1.1.19
0x00-14	aFramesWithExcessiveDeferral	30.3.1.1.20
0x00-15	aMulticastFramesReceivedOK	30.3.1.1.21
0x00-16	aBroadcastFramesReceivedOK	30.3.1.1.22
0x00-17	aInRangeLengthErrors	30.3.1.1.23
0x00-18	aOutOfRangeLengthField	30.3.1.1.24
0x00-19	aFrameTooLongErrors	30.3.1.1.25
0x00-1A	aMACEnableStatus	30.3.1.1.26
0x00-1D	aReadWriteMACAddress	30.3.1.1.29
0x00-1E	aCollisionFrames	30.3.1.1.30
<b>Object group: PHY management</b>		
0x00-20	aPhyType	30.3.2.1.2
0x00-23	aSymbolErrorDuringCarrier	30.3.2.1.5
0x00-25	aPhyAdminState	30.3.2.1.7
<b>Object group: MAU management</b>		
0x00-47	aMediaAvailable	30.5.1.1.4
<b>Object group: Auto-Negotiation management</b>		
0x00-4E	aAutoNegID	30.6.1.1.1
0x00-4F	aAutoNegAdminState	30.6.1.1.2
0x00-50	aAutoNegRemoteSignaling	30.6.1.1.3
0x00-51	aAutoNegAutoConfig	30.6.1.1.4
0x00-52	aAutoNegLocalTechnologyAbility	30.6.1.1.5
0x00-53	aAutoNegAdvertisedTechnologyAbility	30.6.1.1.6
0x00-54	aAutoNegReceivedTechnologyAbility	30.6.1.1.7
0x00-55	aAutoNegLocalSelectorAbility	30.6.1.1.8
0x00-56	aAutoNegAdvertisedSelectorAbility	30.6.1.1.9

Leaf	Attribute	Definition in IEEE Std 802.3
0x00-57	aAutoNegReceivedSelectorAbility	30.6.1.1.10 14.4.2.4.10
<b>Object group: MAC management</b>		
0x00-5A	aDuplexStatus	30.3.1.1.32 14.4.2.5.1
<b>Object group: MAC control management</b>		
0x00-5D	aMACControlFunctionsSupported	30.3.3.2 14.4.2.6.1
0x00-5E	aMACControlFramesTransmitted	30.3.3.3 14.4.2.6.2
0x00-5F	aMACControlFramesReceived	30.3.3.4 14.4.2.6.3
0x00-60	aUnsupportedOpcodesReceived	30.3.3.5 14.4.2.6.4
<del>0x00-61</del>	<del>aPAUSELinkDelayAllowance</del>	30.3.4.1
0x00-62	aPAUSEMACCtrlFramesTransmitted	30.3.4.2 14.4.2.6.5
0x00-63	aPAUSEMACCtrlFramesReceived	30.3.4.3 14.4.2.6.6
<b>Object group: OMP emulation management</b>		
0x01-18	aMPCPMACCtrlFramesTransmitted	30.3.5.1.7 14.4.2.7.1
0x01-19	aMPCPMACCtrlFramesReceived	30.3.5.1.8 14.4.2.7.2
0x01-20	aMPCPDiscoveryWindowsSent	30.3.5.1.22 14.4.2.7.3
0x01-22	aMPCPDiscoveryTimeout	30.3.5.1.23 14.4.2.7.4
<b>Object group: FEC management</b>		
0x01-24	aFECCorrectedBlocks	30.5.1.1.17 14.4.2.8.1
0x01-25	aFECUncorrectableBlocks	30.5.1.1.18 14.4.2.8.2
0x01-39	aFECAbility	30.5.1.1.15 14.4.2.8.3
0x01-3A	aFECmode	30.5.1.1.16 14.4.2.8.4
<b>Object group: OMP emulation management (cont.)</b>		
<del>0x01-3B</del>	<del>aMPCPTxGate</del>	30.3.5.1.9
0x01-3C	aMPCPTxRegAck	30.3.5.1.10 14.4.2.7.5
<del>0x01-3D</del>	<del>aMPCPTxRegister</del>	30.3.5.1.11
0x01-3E	aMPCPTxRegRequest	30.3.5.1.12 14.4.2.7.6
0x01-3F	aMPCPTxReport	30.3.5.1.13 14.4.2.7.7
0x01-40	aMPCPRxGate	30.3.5.1.14 14.4.2.7.8
<del>0x01-41</del>	<del>aMPCPRxRegAck</del>	30.3.5.1.15
0x01-42	aMPCPRxRegister	30.3.5.1.16 14.4.2.7.9
<del>0x01-43</del>	<del>aMPCPRxRegRequest</del>	30.3.5.1.17
<del>0x01-44</del>	<del>aMPCPRxReport</del>	30.3.5.1.18

All other Leaf values are reserved and ignored on reception.