```
                                        aMAUTypeList            GET,
                                        aMediaAvailable         GET,
                                        aJabber                 GET,
                                        aMAUAdminState          GET;
                NOTIFICATIONS           nJabber;
        ;
    ;
    CONDITIONAL PACKAGES
        pMAUControl                     PACKAGE
            ACTIONS                     acResetMAU,
                                        acMAUAdminControl;
            REGISTERED AS               {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)
                                        package(4) mauControlPkg(13)};
            PRESENT IF                  The pMAUControl package is implemented.;

        pMediaLossTracking              PACKAGE
            ATTRIBUTES                  aLoseMediaCounter       GET;
            REGISTERED AS               {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)
                                        package(4) mediaLossTrackingPkg(14)};
            PRESENT IF                  MAU TypeValue = AUI or if the
                                        pMediaLossTracking package is implemented.;

        pBroadbandDTEMAU                PACKAGE
            ATTRIBUTES                  aBbMAUXmitRcvSplitType  GET,
                                        aBroadbandFrequencies   GET;
            REGISTERED AS               {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)
                                        package(4) broadbandMAUPkg(15)};
            PRESENT IF                  The MAU is of type 10BROAD36.;

        p100MbpsMonitor                 PACKAGE
            ATTRIBUTES                  aFalseCarriers          GET;
            REGISTERED AS               {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)
                                        package(4) mau100MbpsMonitor(16)};
            PRESENT IF                  The MAU is capable of 100 Mb/s operation.;
    REGISTERED AS                       {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)
                                        managedObjectClass(3) mauObjectClass(6)};
nbMAU-repeaterName                      NAME BINDING

    SUBORDINATE OBJECT CLASS            oMAU;
    NAMED BY SUPERIOR OBJECT CLASS                  --(of oRepeaterPort)
                                        oRepeaterPort   AND SUBCLASSES;
                                                    --{1.2.840.10006.30.3.5}
    WITH ATTRIBUTE                      aMAUID;
    REGISTERED AS       {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) nameBinding(6)
                        mau-repeaterName(9)};

nbMAU-dteName                           NAME BINDING

    SUBORDINATE OBJECT CLASS            oMAU;
    NAMED BY SUPERIOR OBJECT CLASS                  --(of oPHYEntity)
                                        oPHYEntity  AND SUBCLASSES
                                                    --{1.2.840.10006.30.3.2};
    WITH ATTRIBUTE                      aMAUID;
    REGISTERED AS       {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) nameBinding(6)
```

mau-dteName(10)};

30A.6.2 MAU attributes

aMAUID ATTRIBUTE

WITH ATTRIBUTE SYNTAX	IEEE802Dot3-MgmtAttributeModule.OneOfName;
MATCHES FOR	EQUALITY;
BEHAVIOUR	bMAUID;
REGISTERED AS	{iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauID(68)};

bMAUID BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.1;

aMAUType ATTRIBUTE

WITH ATTRIBUTE SYNTAX	IEEE802Dot3-MgmtAttributeModule.TypeValue;
MATCHES FOR	EQUALITY, ORDERING;
BEHAVIOUR	bMAUType;
REGISTERED AS	{iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauType(69)};

bMAUType BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.2;

aMAUTypeList ATTRIBUTE

WITH ATTRIBUTE SYNTAX	IEEE802Dot3-MgmtAttributeModule.TypeList;
MATCHES FOR	EQUALITY, ORDERING;
BEHAVIOUR	bMAUTypeList;
REGISTERED AS	{iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauTypeList(70)};

bMAUTypeList BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.3;

aMediaAvailable ATTRIBUTE

WITH ATTRIBUTE SYNTAX	IEEE802Dot3-MgmtAttributeModule. MediaAvailState;
MATCHES FOR	EQUALITY, ORDERING;
BEHAVIOUR	bMediaAvailable;
REGISTERED AS	{iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauMediaAvailable(71)};

bMediaAvailable BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.4;

aLoseMediaCounter ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.aCMCounter;
MATCHES FOR EQUALITY, ORDERING;
BEHAVIOUR bLoseMediaCounter;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauLoseMediaCounter(72)};

bLoseMediaCounter BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.5;

aJabber ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.Jabber;
MATCHES FOR EQUALITY, ORDERING;
BEHAVIOUR bJabberAttribute;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) jabber(73)};

bJabberAttribute BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.6;

aMAUAdminState ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.AdminState;
MATCHES FOR EQUALITY, ORDERING;
BEHAVIOUR bMAUAdminState;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) mauAdminState(74)};

bMAUAdminState BEHAVIOUR

DEFINED AS See “BEHAVIOUR DEFINED AS” in 30.5.1.1.7;

aBbMAUXmitRcvSplitType ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.
BbandXmitRcvSplitType;
MATCHES FOR EQUALITY;
BEHAVIOUR bBbMAUXmitRcvSplitType;

REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) bBandSplitType(75)};

bBbMAUXmitRcvSplitType BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.1.8;

aBroadbandFrequencies ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.BbandFrequency;
MATCHES FOR EQUALITY;
BEHAVIOUR bBroadbandFrequencies;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) bBandFrequencies(76)};

bBroadbandFrequencies BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.1.9;

aFalseCarriers ATTRIBUTE

WITH ATTRIBUTE SYNTAX IEEE802Dot3-MgmtAttributeModule.aCMCounter;
MATCHES FOR EQUALITY, ORDERING;
BEHAVIOUR bFalseCarriers;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) attribute(7) falseCarriers(77)};

bFalseCarriers BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.1.10;

30A.6.3 MAU actions

acResetMAU ACTION

BEHAVIOUR bResetMAU;
MODE CONFIRMED;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) action(9) resetMAU(9)};

bResetMAU BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.2.1;

acMAUAdminControl ACTION

BEHAVIOUR bMAUAdminControl;
WITH INFORMATION SYNTAX IEEE802Dot3-MgmtAttributeModule.AdminState;
MODE CONFIRMED;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) action(9) mauAdminCtrl(10)};

bMAUAdminControl BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.2.2;

30A.6.4 MAU notifications

nJabber NOTIFICATION

BEHAVIOUR bJabberNotification;
WITH INFORMATION SYNTAX IEEE802Dot3-MgmtAttributeModule.Jabber;
;
REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30) notification(10) jabber(5)};

bJabberNotification BEHAVIOUR

DEFINED AS See "BEHAVIOUR DEFINED AS" in 30.5.1.3.1;

30A.7 AutoNegotiation managed object class

30A.7.1 AutoNegotiation, formal definition

oAutoNegotiation MANAGED OBJECT CLASS

DERIVED FROM "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 : 1992":top;

CHARACTERIZED BY

pAutoNeg PACKAGE

ATTRIBUTES

aAutoNegID	GET,
aAutoNegAdminState	GET,
aAutoNegRemoteSignaling	GET,
aAutoNegAutoConfig	GET-SET,
aAutoNegLocalTechnologyAbility	GET,
aAutoNegAdvertisedTechnologyAbility	GET-SET,
aAutoNegReceivedTechnologyAbility	GET,
aAutoNegLocalSelectorAbility	GET,
aAutoNegAdvertisedSelectorAbility	GET-SET,
aAutoNegReceivedSelectorAbility	GET;

ACTIONS

acAutoNegRestartAutoConfig,
acAutoNegAdminControl;

;

;

REGISTERED AS {iso(1) std(0) iso8802(8802) csma(3) csmacdmgt(30)

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