Knobs, Dials and Sliders

-or-

the Management Information Base

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Abstract: An initial description of the structure and definition of the Management Information Base is presented.

Action: Adopt motion requesting 802 to obtain identifying number from ANSI for 802.11 MIB. Adopt the preliminary information in this submission as thework framework for the MIB.
1. MIB Structure

```
80211_MAC
80211_MGT
80211_MGT_station_ID
```

Figure - 802.11 Naming Tree
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1.5.2.7. agStatus_grp
1.6. Attribute Templates

1.6.1. SMT Attributes

1.6.1.1. aStation_ID
Station_ID ATTRIBUTE

DERIVED FROM
IEEE802CommonDefinitions.MACAddress;

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) SMT(0) attribute(7) station_id(0) };

1.6.1.2. aResourceTypeIDName
ATTRIBUTE

DERIVED FROM
IEEE802CommonDefinitions.ResourceTypeIDName;

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) SMT(0) attribute(7) resourcetypeidname(1) };

1.6.1.3. aResourceInfo
ResourceInfo ATTRIBUTE

DERIVED FROM
IEEE802CommonDefinitions.ResourceInfo;

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) SMT(0) attribute(7) resourceinfo(3) };

1.6.1.4. aActing_as_AP_Status
Acting_as_AP_Status ATTRIBUTE

WITH APPROPRIATE SYNTAX
boolean;

BEHAVIOUR DEFINED AS
"True if this station is acting as an access point, false otherwise.";

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) SMT(0) attribute(7) acting_as_ap_status(4) };

1.6.1.5. aAP_Address
AP_Address ATTRIBUTE
1.6.1.6. aBSS_ID

BSS_ID ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;

BEHAVIOUR DEFINED AS

"This attribute identifies the basic service set (BSS) with which the station is currently associated."

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) SMT(0) attribute(7) bss_id(6) };

1.6.1.7. aESS_ID

ESS_ID ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;

BEHAVIOUR DEFINED AS

"This attribute identifies the extended service set (ESS) with which the station is associated, if any."

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) SMT(0) attribute(7) ess_id(7) };

1.6.1.8. aKnown_APs

Known_APs ATTRIBUTE

WITH APPROPRIATE SYNTAX

A sequence of 32 data structures that including the MAC address, BSS_ID, ESS_ID and PHY specific information required to identify the most recent 32 access points encountered.

BEHAVIOUR DEFINED AS

;

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) SMT(0) attribute(7) known_aps(8) };

1.6.1.9.

ATTRIBUTE

WITH APPROPRIATE SYNTAX

;
BEHAVIOUR DEFINED AS

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) mac_address(0) };

1.6.2. MAC Attributes

1.6.2.1. aMAC_Address

MAC_Address ATTRIBUTE

DERIVED FROM
  IEEE802CommonDefinitions.MACAddress;

REGISTERED AS
  { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) mac_address(0) };

1.6.2.2. aGroup_Addresses (set)

Group_Addresses ATTRIBUTE

DERIVED FROM
  IEEE802CommonDefinitions.MACAddress;

BEHAVIOUR DEFINED AS
  "A sequence of X?X?X? MAC_Addresses identifying the multicast addresses for which this
  station will receive frames."

REGISTERED AS
  { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) group_addresses(1) };

1.6.2.3. aPromiscuous_Status

Promiscuous_Status ATTRIBUTE

WITH APPROPRIATE SYNTAX
  Boolean;

BEHAVIOUR DEFINED AS
  "This attribute is true when the station is enabled to receive all frames promiscuously. It is false
  otherwise."

REGISTERED AS
  { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) promiscuous_status(2) };

1.6.2.4. aTransmitted_Frame_Count

Transmitted_Frame_Count ATTRIBUTE

DERIVED FROM
  "ISO/IEC 10165-2":pduSentCounter;
1.6.2.5. aOctets_Transmitted_Count

Octets_Transmitted_Count ATTRIBUTE

DERIVED FROM
ISO/IEC 10165-2":octetsSentCounter;

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
octets_transmitted_count(4) };

1.6.2.6. aMulticast_Transmitted_Frame_Count

Multicast_Transmitted_Frame_Count ATTRIBUTE

DERIVED FROM
ISO/IEC 10165-2":pdusSentCounter;

BEHAVIOUR DEFINED AS
"This counter shall increment only when the multicast/broadcast bit is set in the destination MAC address and the destination MAC address is not the broadcast address."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
multicast_transmitted_frame_count(5) };

1.6.2.7. aBroadcast_Transmitted_Frame_Count

Broadcast_Transmitted_Frame_Count ATTRIBUTE

DERIVED FROM
ISO/IEC 10165-2":pdusSentCounter;

BEHAVIOUR DEFINED AS
"This counter shall increment only when the destination MAC address is the broadcast address."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
broadcast_transmitted_frame_count(6) };

1.6.2.8. aFailed_Count

Failed_Count ATTRIBUTE

DERIVED FROM
ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is not transmitted due to the number of transmit attempts exceeding the retry_max value.";
REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxx) MAC(1) attribute(7) failed_count(7) }

1.6.2.9. aCollision_count
Collision_count ATTRIBUTE

DERIVED FROM;
"ISO/IEC 10165-2":counter

BEHAVIOUR DEFINED AS
"This counter shall increment when a collision is detected."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxx) MAC(1) attribute(7) collision_count(8) }

1.6.2.10. aSingle_Collision_Count
Single_Collision_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is successfully transmitted after a single collision."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxx) MAC(1) attribute(7) single_collision_count(9) }

1.6.2.11. aMultiple_Collision_Count
Multiple_Collision_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is successfully transmitted after more than one collision."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxx) MAC(1) attribute(7) multiple_collision_count(10) }

1.6.2.12. aReceived_Frame_Count
Received_Frame_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":pdusReceivedCounter;

REGISTERED AS
1.6.2.13. \textbf{aOctets\_Received\_Count}

Octets\_Received\_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":octetsReceivedCounter;

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) MAC(1) attribute(7)
octets\_received\_count(12) };

1.6.2.14. \textbf{aMulticast\_Received\_Frame\_Count}

Multicast\_Received\_Frame\_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":pdusReceivedCounter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is received with the multicast/broadcast bit set in the destination MAC address, the destination MAC address is not the broadcast address and the destination address is in the set of Group\_Addresses."

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) MAC(1) attribute(7)
multicast\_received\_frame\_count(13) };

1.6.2.15. \textbf{aBroadcast\_Received\_Frame\_Count}

Broadcast\_Received\_Frame\_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":pdusReceivedCounter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is received with the destination MAC address equal to the broadcast address."

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) MAC(1) attribute(7)
broadcast\_received\_frame\_count(14) };

1.6.2.16. \textbf{aError\_Count}

Error\_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":corruptedPDUsReceivedCounter;

REGISTERED AS
{ iso(1) member-body(2) us(840) iee802dot11(xxxx) MAC(1) attribute(7) error\_count(15) };

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1.6.2.17. **aFCS_Error_Count**

FCS_Error_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when an FCS error is detected in a received frame."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) fcs_error_count(16) };

1.6.2.18. **aLength_Mismatch_Count**

Length_Mismatch_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a frame is received and the number of bytes in the frame does not equal the value in the length field of the frame."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) length_mismatch_count(17) };

1.6.2.19. **aFrame_Too_Long_Count**

Frame_Too_Long_Count ATTRIBUTE

DERIVED FROM
"ISO/IEC 10165-2":counter;

BEHAVIOUR DEFINED AS
"This counter shall increment when a received frame that exceeds Max_Frame_Length is detected."

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) frame_too_long_count(18) };

1.6.2.20. **aMAC_Enable_Status**

MAC_Enable_Status ATTRIBUTE

WITH APPROPRIATE SYNTAX
Boolean;

BEHAVIOUR DEFINED AS
"This attribute is true when the MAC sublayer is enabled. It is false otherwise. Setting this attribute true causes the MAC to become operational in the idle state."

REGISTERED AS
1.6.2.21.  aTransmit_Enable_Status

Transmit_Enable_Status ATTRIBUTE

WITH APPROPRIATE SYNTAX
   Boolean;

BEHAVIOUR DEFINED AS
   "This attribute is true when transmission is enabled. It is false otherwise. Setting this attribute to
   true allows the MAC to transmit frames."

REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
     transmit_enable_status(20) };

1.6.2.22.  aNAV

NAV ATTRIBUTE

WITH APPROPRIATE SYNTAX
   Integer;

BEHAVIOUR DEFINED AS
   "This attribute indicates the amount of time remaining that the station will consider the medium to
   be in use by another station. This attribute is updated whenever there is a change in the MAC
   network allocation vector."

REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
     nav(21) };

1.6.2.23.  aNAV_max (superframe time less min contention area)

NAV_max (superframe time less min contention area) ATTRIBUTE

WITH APPROPRIATE SYNTAX
   Integer;

BEHAVIOUR DEFINED AS
   "This is the maximum allowable value for the NAV."

REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7)
     nav_max(22) };

1.6.2.24.  aRate_factor

Rate_factor ATTRIBUTE

WITH APPROPRIATE SYNTAX
   Integer;

BEHAVIOUR DEFINED AS
"This attribute indicates the current rate (in bytes per second) at which data is transferred across the medium."

REGISTERED AS

\[
\{ \text{iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) rate_factor(23)} \};
\]

1.6.2.25. **aHandshake_overhead (# bytes, time?)**

Handshake_overhead (# bytes, time?) ATTRIBUTE

WITH APPROPRIATE SYNTAX

\[
\text{Integer};
\]

BEHAVIOUR DEFINED AS

\[
;
\]

REGISTERED AS

\[
\{ \text{iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) handshake_overhead(24)} \};
\]

1.6.2.26. **aSIFS (time)**

SIFS (time) ATTRIBUTE

WITH APPROPRIATE SYNTAX

\[
\text{Integer};
\]

BEHAVIOUR DEFINED AS

\[
;
\]

REGISTERED AS

\[
\{ \text{iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) sifs(25)} \};
\]

1.6.2.27. **aPIFS (time)**

PIFS (time) ATTRIBUTE

WITH APPROPRIATE SYNTAX

\[
\text{Integer};
\]

BEHAVIOUR DEFINED AS

\[
;
\]

REGISTERED AS

\[
\{ \text{iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) pifs(26)} \};
\]

1.6.2.28. **aDIFS (time)**

DIFS (time) ATTRIBUTE

WITH APPROPRIATE SYNTAX

\[
\text{Integer};
\]

BEHAVIOUR DEFINED AS
1.6.2.29. **aRTS\_Threshold (# bytes)**

RTS\_Threshold (# bytes) ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;

BEHAVIOUR DEFINED AS

"This attribute causes the MAC to transmit a full RTS/CTS handshake prior to transmission of an individually addressed Data frame if the number of bytes in the MSDU is greater than the value of this attribute. A Data frame may be transmitted without the RTS/CTS handshake otherwise."

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) rts_threshold(28) };

1.6.2.30. **aTotal\_Backoff\_Time (# slots)**

Total\_Backoff\_Time (# slots) ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;

BEHAVIOUR DEFINED AS

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) total_backoff_time(29) };

1.6.2.31. **aSlot\_time**

Slot\_time ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;

BEHAVIOUR DEFINED AS

REGISTERED AS

{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) slot_time(30) };

1.6.2.32. **aCW\_max**

CW\_max ATTRIBUTE

WITH APPROPRIATE SYNTAX

Integer;
BEHAVIOUR DEFINED AS

REGISTERED AS
\{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) cw_max(31) \};

1.6.2.33. \textbf{\textit{aCW\_min}}

\textbf{CW\_min ATTRIBUTE}

\textbf{WITH APPROPRIATE SYNTAX}
\begin{verbatim}
Integer;
\end{verbatim}

\textbf{BEHAVIOUR DEFINED AS}

\textbf{REGISTERED AS}
\{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) cw_min(32) \};

1.6.2.34. \textbf{\textit{aCTS\_Time}}

\textbf{CTS\_Time ATTRIBUTE}

\textbf{WITH APPROPRIATE SYNTAX}
\begin{verbatim}
Integer;
\end{verbatim}

\textbf{BEHAVIOUR DEFINED AS}

\textbf{REGISTERED AS}
\{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) cts_time(33) \};

1.6.2.35. \textbf{\textit{aACK\_Time}}

\textbf{ACK\_Time ATTRIBUTE}

\textbf{WITH APPROPRIATE SYNTAX}
\begin{verbatim}
Integer;
\end{verbatim}

\textbf{BEHAVIOUR DEFINED AS}

\textbf{REGISTERED AS}
\{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) rts_time(34) \};

1.6.2.36. \textbf{\textit{aRetry\_max}}

\textbf{Retry\_max ATTRIBUTE}

\textbf{WITH APPROPRIATE SYNTAX}
\begin{verbatim}
Integer;
\end{verbatim}

\textbf{BEHAVIOUR DEFINED AS}

\textbf{REGISTERED AS}
\{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) MAC(1) attribute(7) rts_time(34) \};
REGISTERED AS

\{ iso(1) member-body(2) us(840) iee802dot1l(xxxx) MAC(1) attribute(7) retry_max(35) \};

1.6.2.37. \textbf{aMax\_Frame\_Length}

Max\_Frame\_Length ATTRIBUTE

WITH APPROPRIATE SYNTAX

\textbf{Integer};

BEHAVIOUR DEFINED AS

"This attribute specifies the maximum MSDU length that will be accepted for transmission. If a frame is received with a length that exceeds this value, a Frame\_Too\_Long error will be reported.";

REGISTERED AS

\{ iso(1) member-body(2) us(840) iee802dot1l(xxxx) MAC(1) attribute(7) max_frame_length(36) \};

1.6.2.38. \textbf{aManufacturer\_ID}

Manufacturer\_ID ATTRIBUTE

WITH APPROPRIATE SYNTAX

\textbf{;}

BEHAVIOUR DEFINED AS

\textbf{;}

REGISTERED AS

\{ iso(1) member-body(2) us(840) iee802dot1l(xxxx) MAC(1) attribute(7) manufacturer_id(37) \};

1.6.2.39. \textbf{aProduct\_ID}

Product\_ID ATTRIBUTE

WITH APPROPRIATE SYNTAX

\textbf{;}

BEHAVIOUR DEFINED AS

\textbf{;}

REGISTERED AS

\{ iso(1) member-body(2) us(840) iee802dot1l(xxxx) MAC(1) attribute(7) product_id(38) \};

1.6.3. PHY Attributes

1.6.3.1. \textbf{aPHY\_Type}

PHY\_Type ATTRIBUTE

WITH APPROPRIATE SYNTAX

\textbf{;}
BEHAVIOUR DEFINED AS

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) phy_type(0) };

1.6.3.2. aPHY_Data_Rate
PHY_Data_Rate ATTRIBUTE
WITH APPROPRIATE SYNTAX

BEHAVIOUR DEFINED AS

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) phy_data_rate(1) };

1.6.3.3. aChannel_Capability
Channel_Capability ATTRIBUTE
WITH APPROPRIATE SYNTAX

BEHAVIOUR DEFINED AS

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) channel_capability(2) };

1.6.3.4. aCurrent_Channel
Current_Channel ATTRIBUTE
WITH APPROPRIATE SYNTAX

BEHAVIOUR DEFINED AS

REGISTERED AS
{ iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) current_channel(3) };

1.6.3.5. aChannel_List
Channel_List ATTRIBUTE
WITH APPROPRIATE SYNTAX

BEHAVIOUR DEFINED AS
REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) channel_list(4) };

1.6.3.6. aDiversity_Capability
Diversity_Capability ATTRIBUTE
WITH APPROPRIATE SYNTAX
   ;
BEHAVIOUR DEFINED AS
   ;
REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) diversity_capability(5) };

1.6.3.7. ATTRIBUTE
WITH APPROPRIATE SYNTAX
   ;
BEHAVIOUR DEFINED AS
   ;
REGISTERED AS
   { };

1.6.3.8. aBER_Estimate
BER_Estimate ATTRIBUTE
WITH APPROPRIATE SYNTAX
   ;
BEHAVIOUR DEFINED AS
   ;
REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) ber_estimate(7) };

1.6.3.9. aPHY_Turnaround_Time (components?)
PHY_Turnaround_Time (components?) ATTRIBUTE
WITH APPROPRIATE SYNTAX
   ;
BEHAVIOUR DEFINED AS
   ;
REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7)
    phy_turnaround_time(8) };

1.6.3.10. a(other stuff from Michael)

   (other stuff from Michael) ATTRIBUTE

   WITH APPROPRIATE SYNTAX
   ;

   BEHAVIOUR DEFINED AS
   ;

   REGISTERED AS
   { };

1.6.3.11. aManufacturer_ID

   Manufacturer_ID ATTRIBUTE

   WITH APPROPRIATE SYNTAX
   ;

   BEHAVIOUR DEFINED AS
   ;

   REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) manufacturer_id(10) };

1.6.3.12. aProduct_ID

   Product_ID ATTRIBUTE

   WITH APPROPRIATE SYNTAX
   ;

   BEHAVIOUR DEFINED AS
   ;

   REGISTERED AS
   { iso(1) member-body(2) us(840) ieee802dot11(xxxx) PHY(1) attribute(7) product_id(11) };

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1.7. Action Templates

1.7.1. SMT Actions

1.7.1.1. ac80211_Initialize_SMT

1.7.2. MAC Actions

1.7.2.1. ac80211_Initialize_MAC

1.7.2.2. ac80211_Add_Group_Address

1.7.2.3. ac80211_Delete_Group_Address

1.7.2.4. ac80211_Execute_Self_Test

1.7.3. PHY Actions

1.7.3.1. ac80211_Initialize_PHY

1.7.3.2. ac80211_Execute_Self_Test
1.8. Notification Templates

1.8.1. SMT Notifications

n80211_Associate

n80211_Dissociate

1.8.2. MAC Notifications

n80211_Frame_Error_Ratio_Exceeded

1.8.3. PHY Notifications

n80211_BER_Exceeded
1.9. ASN.1 Definitions

1.9.1. Common Definitions
Counter (32 bits)
Address (48 bits canonical?)
Station Identifier (64 bits canonical?)
Flag (boolean)
Time (32 bits, resolution?)
Timer_2s_Complement (x bits, resolution?)

1.9.2. SMT Definitions

1.9.3. MAC Definitions

1.9.4. PHY Definitions
1.10. Name Binding

1.10.1. MAC Naming

1.10.2. PHY Naming
Motion #1: I move that the chairman of 802.11 be authorized and directed to submit a request for an "object identifier arc" to the 802 Executive Committee in accordance with paragraph C.3 of IEEE Std. 802.1F-1993.
Motion #2: I move that this submission be adopted as the framework for the MIB description.