

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >
Title	<b>wmanIfMib compliance statements</b>
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Re:	
Abstract	This contribution proposes the compliance statements be included wmanIfMib in IEEE P802.16f/D3.
Purpose	Adoption
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*Table of Content*

**1. Introduction ..... 3**  
**2. ASN.1 Definition of Compliance Statements..... 3**

1

## 2 1. Introduction

3 Compliance statements provide a systematic way to describe a group of managed objects that must  
 4 be implemented for conformance to a IEEE P802.16f standard. Comment 226, submitted to the  
 5 IEEE 802.16f re-circulation ballot, pointed out the missing conformance statements in the standard.  
 6 This contribution proposes the compliance statements be included wmanIfMib in IEEE P802.16f/D3.

## 7 2. ASN.1 Definition of Compliance Statements

```

8 --
9 -- Conformance Information
10 --
11 wmanIfMibConformance OBJECT IDENTIFIER ::= {wmanIfMib 2}
12 wmanIfMibGroups      OBJECT IDENTIFIER ::= {wmanIfMibConformance 1}
13 wmanIfMibCompliances OBJECT IDENTIFIER ::= {wmanIfMibConformance 2}
14
15 -- compliance statements
16 wmanIfMibCompliance MODULE-COMPLIANCE
17     STATUS          current
18     DESCRIPTION
19         "The compliance statement for devices that implement
20         Wireless MAN interfaces as defined in IEEE 802.16-2004."
21
22     MODULE -- wmanIfMib
23
24     MANDATORY-GROUPS          -- unconditionally mandatory groups
25         { wmanIfMibCommonGroup }
26
27     GROUP wmanIfMibQoSGroup    -- unconditionally mandatory group
28     DESCRIPTION
29         "This group is mandatory for Base Station and subscriber
30         station."
31
32     GROUP wmanIfMibBsGroup     -- conditionally mandatory group
33     DESCRIPTION
34         "This group is mandatory for Base Station."
35
36     GROUP wmanIfMibSsGroup     -- conditionally mandatory group
37     DESCRIPTION
38         "This group is mandatory for Subscriber Station."
39
40     GROUP wmanIfMibBsOfdmGroup -- conditionally mandatory group
41     DESCRIPTION
42         "This group is mandatory for Base Station
43         implementaing the OFDM PHY."
44
45     GROUP wmanIfMibSsOfdmGroup -- conditionally mandatory group
46     DESCRIPTION
47         "This group is mandatory for Subscriber Station
48         implementing the OFDM PHY."

```

```

1
2     GROUP wmanIfMibBsOfdmaGroup -- conditionally mandatory group
3     DESCRIPTION
4         "This group is mandatory for Base Station
5         implementaing the OFDMA PHY."
6
7     GROUP wmanIfMibSsOfdmaGroup -- conditionally mandatory group
8     DESCRIPTION
9         "This group is mandatory for Subscriber Station
10        implementing the OFDMA PHY."
11
12    GROUP wmanIfMibBsNotificationGroup -- optional group
13    DESCRIPTION
14        "This group is optional for Base Station."
15
16    GROUP wmanIfMibSsNotificationGroup -- optional group
17    DESCRIPTION
18        "This group is optional for Subscriber Station."
19    ::= { wmanIfMibCompliances 1 }
20
21 wmanIfMibCommonGroup      OBJECT-GROUP
22     OBJECTS {-- Classification
23         wmanIfCmnClassifierRulePriority,
24         wmanIfCmnClassifierRuleIpTosLow,
25         wmanIfCmnClassifierRuleIpTosHigh,
26         wmanIfCmnClassifierRuleIpTosMask,
27         wmanIfCmnClassifierRuleIpProtocol,
28         wmanIfCmnClassifierRuleIpAddressType,
29         wmanIfCmnClassifierRuleIpSourceAddr,
30         wmanIfCmnClassifierRuleIpSourceMask,
31         wmanIfCmnClassifierRuleIpDestAddr,
32         wmanIfCmnClassifierRuleIpDestMask,
33         wmanIfCmnClassifierRuleSourcePortStart,
34         wmanIfCmnClassifierRuleSourcePortEnd,
35         wmanIfCmnClassifierRuleDestPortStart,
36         wmanIfCmnClassifierRuleDestPortEnd,
37         wmanIfCmnClassifierRuleDestMacAddr,
38         wmanIfCmnClassifierRuleDestMacMask,
39         wmanIfCmnClassifierRuleSourceMacAddr,
40         wmanIfCmnClassifierRuleSourceMacMask,
41         wmanIfCmnClassifierRuleEnetProtocolType,
42         wmanIfCmnClassifierRuleEnetProtocol,
43         wmanIfCmnClassifierRuleUserPriLow,
44         wmanIfCmnClassifierRuleUserPriHigh,
45         wmanIfCmnClassifierRuleVlanId,
46         wmanIfCmnClassifierRuleState,
47         wmanIfCmnClassifierRulePkts,
48         wmanIfCmnClassifierRuleBitMap,
49
50         -- Payload header supression
51         wmanIfCmnPhsRulePhsField,
52         wmanIfCmnPhsRulePhsMask,
53         wmanIfCmnPhsRulePhsSize,
54         wmanIfCmnPhsRulePhsVerify,

```

```

1
2         -- Configuration parameters
3         wmanIfCmnCpsTargetSaid,
4         wmanIfCmnInvitedRangRetries,
5         wmanIfCmnMinislotSize,
6         wmanIfCmnDSxReqRetries,
7         wmanIfCmnDSxRespRetries,
8         wmanIfCmnT7Timeout,
9         wmanIfCmnT8Timeout,
10        wmanIfCmnT10Timeout,
11        wmanIfCmnT22Timeout,
12        wmanIfCmnCryptoSuiteDataEncryptAlg,
13        wmanIfCmnCryptoSuiteDataAuthentAlg,
14        wmanIfCmnCryptoSuiteTekEncryptAlg}
15    STATUS        current
16    DESCRIPTION
17        "This group contains objects for both BS and SS,
18         and are independent of PHY."
19    ::= { wmanIfMibGroups 1 }
20
21 wmanIfMibQoSGroup    OBJECT-GROUP
22     OBJECTS {wmanIfCmnCpsSfMacAddress,
23             wmanIfCmnCpsSfId,
24             wmanIfCmnCpsSfCid,
25             wmanIfCmnCpsSfDirection,
26             wmanIfCmnCpsSfState,
27             wmanIfCmnCpsTrafficPriority,
28             wmanIfCmnCpsMaxSustainedRate,
29             wmanIfCmnCpsMaxTrafficBurst,
30             wmanIfCmnCpsMinReservedRate,
31             wmanIfCmnCpsToleratedJitter,
32             wmanIfCmnCpsMaxLatency,
33             wmanIfCmnCpsFixedVsVariableSduInd,
34             wmanIfCmnCpsSduSize,
35             wmanIfCmnCpsSfsSchedulingType,
36             wmanIfCmnCpsArqEnable,
37             wmanIfCmnCpsArqWindowSize,
38             wmanIfCmnCpsArqBlockLifetime,
39             wmanIfCmnCpsArqSyncLossTimeout,
40             wmanIfCmnCpsArqDeliverInOrder,
41             wmanIfCmnCpsArqRxPurgeTimeout,
42             wmanIfCmnCpsArqBlockSize,
43             wmanIfCmnCpsMinRsvdTolerableRate,
44             wmanIfCmnCpsReqTxPolicy,
45             wmanIfCmnSfCsSpecification}
46     STATUS        current
47     DESCRIPTION
48         "This group contains QoS objects for both BS and SS."
49     ::= { wmanIfMibGroups 2 }
50
51 wmanIfMibBsGroup    OBJECT-GROUP
52     OBJECTS {-- Service classes
53             wmanIfBsSfDirection,
54             wmanIfBsServiceClassIndex,

```

```
1      wmanIfBsSfState,
2      wmanIfBsSfProvisionedTime,
3      wmanIfBsSfCsSpecification,
4      wmanIfBsProvSfId,
5      wmanIfBsQosServiceClassName,
6      wmanIfBsQoSSTrafficPriority,
7      wmanIfBsQoSMaxSustainedRate,
8      wmanIfBsQoSMaxTrafficBurst,
9      wmanIfBsQoSMinReservedRate,
10     wmanIfBsQOSToleratedJitter,
11     wmanIfBsQoSMaxLatency,
12     wmanIfBsQoSFixedVsVariableSduInd,
13     wmanIfBsQOSSduSize,
14     wmanIfBsQosScSchedulingType,
15     wmanIfBsQosScArqEnable,
16     wmanIfBsQosScArqWindowSize,
17     wmanIfBsQosScArqBlockLifetime,
18     wmanIfBsQosScArqSyncLossTimeout,
19     wmanIfBsQosScArqDeliverInOrder,
20     wmanIfBsQosScArqRXPurgeTimeout,
21     wmanIfBsQosScArqBlockSize,
22     wmanIfBsQosSCMinRsvdTolerableRate,
23     wmanIfBsQoSReqTxPolicy,
24
25     -- Classification
26     wmanIfBsClassifierRulePriority,
27     wmanIfBsClassifierRuleIpTosLow,
28     wmanIfBsClassifierRuleIpTosHigh,
29     wmanIfBsClassifierRuleIpTosMask,
30     wmanIfBsClassifierRuleIpProtocol,
31     wmanIfBsClassifierRuleIpAddressType,
32     wmanIfBsClassifierRuleIpSourceAddr,
33     wmanIfBsClassifierRuleIpSourceMask,
34     wmanIfBsClassifierRuleIpDestAddr,
35     wmanIfBsClassifierRuleIpDestMask,
36     wmanIfBsClassifierRuleSourcePortStart,
37     wmanIfBsClassifierRuleSourcePortEnd,
38     wmanIfBsClassifierRuleDestPortStart,
39     wmanIfBsClassifierRuleDestPortEnd,
40     wmanIfBsClassifierRuleDestMacAddr,
41     wmanIfBsClassifierRuleDestMacMask,
42     wmanIfBsClassifierRuleSourceMacAddr,
43     wmanIfBsClassifierRuleSourceMacMask,
44     wmanIfBsClassifierRuleEnetProtocolType,
45     wmanIfBsClassifierRuleEnetProtocol,
46     wmanIfBsClassifierRuleUserPriLow,
47     wmanIfBsClassifierRuleUserPriHigh,
48     wmanIfBsClassifierRuleVlanId,
49     wmanIfBsClassifierRuleState,
50     wmanIfBsClassifierRulePhsSize,
51     wmanIfBsClassifierRulePhsMask,
52     wmanIfBsClassifierRulePhsVerify,
53     wmanIfBsClassifierRuleBitMap,
54
```

```
1      -- Packet counters
2      wmanIfBsSsMacSduCount,
3      wmanIfBsSsOctetCount,
4      wmanIfBsSsResetCounter,
5      wmanIfBsSsResetCounterTime,
6
7      -- Capability negotiation
8      wmanIfBsSsMacAddress,
9      wmanIfBsSsBasicCid,
10     wmanIfBsSsPrimaryCid,
11     wmanIfBsSsSecondaryCid,
12     wmanIfBsSsManagementSupport,
13     wmanIfBsSsIpManagementMode,
14     wmanIfBsSs2ndMgmtArqEnable,
15     wmanIfBsSs2ndMgmtArqWindowSize,
16     wmanIfBsSs2ndMgmtArqDnLinkTxDelay,
17     wmanIfBsSs2ndMgmtArqUpLinkTxDelay,
18     wmanIfBsSs2ndMgmtArqDnLinkRxDelay,
19     wmanIfBsSs2ndMgmtArqUpLinkRxDelay,
20     wmanIfBsSs2ndMgmtArqBlockLifetime,
21     wmanIfBsSs2ndMgmtArqSyncLossTimeout,
22     wmanIfBsSs2ndMgmtArqDeliverInOrder,
23     wmanIfBsSs2ndMgmtArqRxPurgeTimeout,
24     wmanIfBsSs2ndMgmtArqBlockSize,
25     wmanIfBsSsVendorIdEncoding,
26     wmanIfBsSsAasBroadcastPermission,
27     wmanIfBsSsMaxTxPowerBpsk,
28     wmanIfBsSsMaxTxPowerQpsk,
29     wmanIfBsSsMaxTxPower16Qam,
30     wmanIfBsSsMaxTxPower64Qam,
31
32     -- Configuration parameters
33     wmanIfBsSsMacVersion,
34     wmanIfBsDcdInterval,
35     wmanIfBsUcdInterval,
36     wmanIfBsUcdTransition,
37     wmanIfBsDcdTransition,
38     wmanIfBsMaxMapPending,
39     wmanIfBsInitialRangingInterval,
40     wmanIfBsClkCmpInterval,
41     wmanIfBsSsULMapProcTime,
42     wmanIfBsSsRangRespProcTime,
43     wmanIfBsT5Timeout,
44     wmanIfBsT9Timeout,
45     wmanIfBsT13Timeout,
46     wmanIfBsT15Timeout,
47     wmanIfBsT17Timeout,
48     wmanIfBsT27IdleTimer,
49     wmanIfBsT27ActiveTimer,
50
51     -- Performance monitoring
52     wmanIfBsChannelDirection,
53     wmanIfBsHistogramIndex,
54     wmanIfBsChannelNumber,
```

```
1      wmanIfBsStartFrame,
2      wmanIfBsDuration,
3      wmanIfBsBasicReport,
4      wmanIfBsMeanCinrReport,
5      wmanIfBsMeanRssiReport,
6      wmanIfBsStdDeviationCinrReport,
7      wmanIfBsStdDeviationRssiReport,
8
9      -- Capability negotiation
10     wmanIfBsSsReqCapUplinkCidSupport,
11     wmanIfBsSsReqCapArqSupport,
12     wmanIfBsSsReqCapDsxFLOWControl,
13     wmanIfBsSsReqCapMacCrcSupport,
14     wmanIfBsSsReqCapMcaFlowControl,
15     wmanIfBsSsReqCapMcpGroupCidSupport,
16     wmanIfBsSsReqCapPkmFlowControl,
17     wmanIfBsSsReqCapAuthPolicyControl,
18     wmanIfBsSsReqCapMaxNumOfSupportedSA,
19     wmanIfBsSsReqCapIpVersion,
20     wmanIfBsSsReqCapMacCsSupportBitMap,
21     wmanIfBsSsReqCapMaxNumOfClassifier,
22     wmanIfBsSsReqCapPhsSupport,
23     wmanIfBsSsReqCapBandwidthAllocSupport,
24     wmanIfBsSsReqCapPduConstruction,
25     wmanIfBsSsReqCapTtgTransitionGap,
26     wmanIfBsSsReqCapRtgTransitionGap,
27     wmanIfBsSsActionsMacAddress,
28     wmanIfBsSsActionsResetSs,
29     wmanIfBsSsActionsAbortSs,
30     wmanIfBsSsActionsOverrideDnFreq,
31     wmanIfBsSsActionsOverrideChannelId,
32     wmanIfBsSsActionsDeReRegSs,
33     wmanIfBsSsActionsDeReRegSsCode,
34
35     -- Privacy sublayer
36     wmanIfBsPkmDefaultAuthLifetime,
37     wmanIfBsPkmDefaultTekLifetime,
38     wmanIfBsPkmDefaultSelfSigManufCertTrust,
39     wmanIfBsPkmCheckCertValidityPeriods,
40     wmanIfBsPkmAuthentInfos,
41     wmanIfBsPkmAuthRequests,
42     wmanIfBsPkmAuthReplies,
43     wmanIfBsPkmAuthRejects,
44     wmanIfBsPkmAuthInvalids,
45     wmanIfBsSsPkmAuthKeySequenceNumber,
46     wmanIfBsSsPkmAuthExpiresOld,
47     wmanIfBsSsPkmAuthExpiresNew,
48     wmanIfBsSsPkmAuthLifetime,
49     wmanIfBsSsPkmAuthReset,
50     wmanIfBsSsPkmAuthInfos,
51     wmanIfBsSsPkmAuthRequests,
52     wmanIfBsSsPkmAuthReplies,
53     wmanIfBsSsPkmAuthRejects,
54     wmanIfBsSsPkmAuthInvalids,
```



```
1      wmanIfBsSsPkmAuthRejectErrorCode,
2      wmanIfBsSsPkmAuthRejectErrorString,
3      wmanIfBsSsPkmAuthInvalidErrorCode,
4      wmanIfBsSsPkmAuthInvalidErrorString,
5      wmanIfBsSsPkmAuthPrimarySAId,
6      wmanIfBsPkmTekSAType,
7      wmanIfBsPkmTekDataEncryptAlg,
8      wmanIfBsPkmTekDataAuthentAlg,
9      wmanIfBsPkmTekEncryptAlg,
10     wmanIfBsPkmTekLifetime,
11     wmanIfBsPkmTekKeySequenceNumber,
12     wmanIfBsPkmTekExpiresOld,
13     wmanIfBsPkmTekExpiresNew,
14     wmanIfBsPkmTekReset,
15     wmanIfBsPkmKeyRequests,
16     wmanIfBsPkmKeyReplies,
17     wmanIfBsPkmKeyRejects,
18     wmanIfBsPkmTekInvalids,
19     wmanIfBsPkmKeyRejectErrorCode,
20     wmanIfBsPkmKeyRejectErrorString,
21     wmanIfBsPkmTekInvalidErrorCode,
22     wmanIfBsPkmTekInvalidErrorString,
23
24     -- Events and event notification
25     wmanIfBsTrapControlRegister,
26     wmanIfBsRssiLowThreshold,
27     wmanIfBsRssiHighThreshold,
28     wmanIfBsTempLowAlarmThreshold,
29     wmanIfBsTempLowAlarmRestoredThreshold,
30     wmanIfBsTempHighAlarmThreshold,
31     wmanIfBsTempHighAlarmRestoredThreshold,
32     wmanIfBsSsNotificationMacAddr,
33     wmanIfBsSsStatusValue,
34     wmanIfBsSsStatusInfo,
35     wmanIfBsDynamicServiceType,
36     wmanIfBsDynamicServiceFailReason,
37     wmanIfBsSsRssiStatus,
38     wmanIfBsSsRssiStatusInfo,
39     wmanIfBsSsRegisterStatus,
40     wmanIfBsEventLogEntryLimit,
41     wmanIfBsEventLifeTimeLimit,
42     wmanIfBsEventLogEntryLimitPerEventId,
43     wmanIfBsEventLogSeverityThreshold,
44     wmanIfBsEventLogWrapAroundBuffEnable,
45     wmanIfBsEventLogLatestEvent,
46     wmanIfBsEventLogPersistenceSupported,
47     wmanIfBsEventDescription,
48     wmanIfBsEventSeverity,
49     wmanIfBsEventNotification,
50     wmanIfBsEventNotificationOid,
51     wmanIfBsEventLogIndex,
52     wmanIfBsEventId,
53     wmanIfBsEventLoggedTime,
54     wmanIfBsEventLogDescription,
```

```

1           wmanIfBsEventLogSeverity}
2     STATUS      current
3     DESCRIPTION
4       "This group contains objects for BS, and are
5         independent of PHY."
6       ::= { wmanIfMibGroups 3 }
7
8 wmanIfMibSsGroup      OBJECT-GROUP
9     OBJECTS {-- Configuration parameters
10      wmanIfSsMicConfigSetting,
11      wmanIfSsVendorId,
12      wmanIfSsHwId,
13      wmanIfSsSwVersion,
14      wmanIfSsUpgradeFileName,
15      wmanIfSsSwUpgradeTftpServer,
16      wmanIfSsTftpServerTimeStamp,
17      wmanIfSsLostDLMapInterval,
18      wmanIfSsLostULMapInterval,
19      wmanIfSsContentionRangRetries,
20      wmanIfSsRequestRetries,
21      wmanIfSsRegRequestRetries,
22      wmanIfSsTftpBackoffStart,
23      wmanIfSsTftpBackoffEnd,
24      wmanIfSsTftpRequestRetries,
25      wmanIfSsTftpDownloadRetries,
26      wmanIfSsTftpWait,
27      wmanIfSsToDRetries,
28      wmanIfSsToDRetryPeriod,
29      wmanIfSsT1Timeout,
30      wmanIfSsT2Timeout,
31      wmanIfSsT3Timeout,
32      wmanIfSsT4Timeout,
33      wmanIfSsT6Timeout,
34      wmanIfSsT12Timeout,
35      wmanIfSsT14Timeout,
36      wmanIfSsT16Timeout,
37      wmanIfSsT18Timeout,
38      wmanIfSsT19Timeout,
39      wmanIfSsT20Timeout,
40      wmanIfSsT21Timeout,
41      wmanIfSsSBCRequestRetries,
42      wmanIfSsTftpCpltRetries,
43      wmanIfSsT26Timeout,
44      wmanIfSsDLManagProcTime,
45
46      -- Performance monitoring
47      wmanIfSsHistogramIndex,
48      wmanIfSsChannelNumber,
49      wmanIfSsStartFrame ,
50      wmanIfSsDuration,
51      wmanIfSsBasicReport,
52      wmanIfSsMeanCinrReport,
53      wmanIfSsStdDeviationCinrReport,
54      wmanIfSsMeanRssiReport,

```

```
1      wmanIfSsStdDeviationRssiReport,
2
3      -- Privacy sublayer
4      wmanIfSsPkmAuthState,
5      wmanIfSsPkmAuthKeySequenceNumber,
6      wmanIfSsPkmAuthExpiresOld,
7      wmanIfSsPkmAuthExpiresNew ,
8      wmanIfSsPkmAuthReset,
9      wmanIfSsPkmAuthentInfos,
10     wmanIfSsPkmAuthRequests,
11     wmanIfSsPkmAuthReplies,
12     wmanIfSsPkmAuthRejects,
13     wmanIfSsPkmAuthInvalids,
14     wmanIfSsPkmAuthRejectErrorCode,
15     wmanIfSsPkmAuthRejectErrorString,
16     wmanIfSsPkmAuthInvalidErrorCode,
17     wmanIfSsPkmAuthInvalidErrorString ,
18     wmanIfSsPkmAuthGraceTime,
19     wmanIfSsPkmTekGraceTime,
20     wmanIfSsPkmAuthWaitTimeout,
21     wmanIfSsPkmReauthWaitTimeout,
22     wmanIfSsPkmOpWaitTimeout,
23     wmanIfSsPkmRekeyWaitTimeout,
24     wmanIfSsPkmAuthRejectWaitTimeout,
25     wmanIfSsPkmTekSAType,
26     wmanIfSsPkmTekDataEncryptAlg,
27     wmanIfSsPkmTekDataAuthentAlg,
28     wmanIfSsPkmTekEncryptAlg,
29     wmanIfSsPkmTekState,
30     wmanIfSsPkmTekKeySequenceNumber,
31     wmanIfSsPkmTekExpiresOld,
32     wmanIfSsPkmTekExpiresNew,
33     wmanIfSsPkmTekKeyRequests,
34     wmanIfSsPkmTekKeyReplies,
35     wmanIfSsPkmTekKeyRejects,
36     wmanIfSsPkmTekInvalids,
37     wmanIfSsPkmTekAuthPends,
38     wmanIfSsPkmTekKeyRejectErrorCode,
39     wmanIfSsPkmTekKeyRejectErrorString,
40     wmanIfSsPkmTekInvalidErrorCode,
41     wmanIfSsPkmTekInvalidErrorString,
42
43     -- Events and event notification
44     wmanIfSsDeviceCert,
45     wmanIfSsDeviceManufCert,
46     wmanIfSsTrapControlRegister,
47     wmanIfSsRssiLowThreshold ,
48     wmanIfSsRssiHighThreshold ,
49     wmanIfSsMacAddress,
50     wmanIfSsUnknownTlv,
51     wmanIfSsDynamicServiceType,
52     wmanIfSsDynamicServiceFailReason,
53     wmanIfSsRssiStatus,
54     wmanIfSsRssiStatusInfo,
```

```

1         wmanIfSsEventLogEntryLimit,
2         wmanIfSsEventLifeTimeLimit,
3         wmanIfSsEventLogEntryLimitPerEventId,
4         wmanIfSsEventLogSeverityThreshold,
5         wmanIfSsEventLogWrapAroundBuffEnable,
6         wmanIfSsEventLogLatestEvent,
7         wmanIfSsEventLogPersistenceSupported,
8         wmanIfSsEventDescription,
9         wmanIfSsEventSeverity,
10        wmanIfSsEventNotification,
11        wmanIfSsEventNotificationOid,
12        wmanIfSsEventLogIndex,
13        wmanIfSsEventId,
14        wmanIfSsEventLoggedTime,
15        wmanIfSsEventLogDescription,
16        wmanIfSsEventLogSeverity}
17    STATUS        current
18    DESCRIPTION
19        "This group contains objects for SS, and are
20         independent of PHY."
21    ::= { wmanIfMibGroups 4 }
22
23 wmanIfMibBsOfdmGroup    OBJECT-GROUP
24     OBJECTS {wmanIfBsOfdmCtBasedResvTimeout,
25             wmanIfBsOfdmBwReqOppSize,
26             wmanIfBsOfdmRangReqOppSize,
27             wmanIfBsOfdmUplinkCenterFreq,
28             wmanIfBsOfdmSubChReqRegionFull,
29             wmanIfBsOfdmSubChFocusCtCode,
30             wmanIfBsOfdmUpLinkChannelId,
31             wmanIfBsOfdmBsEIRP,
32             wmanIfBsOfdmChannelNumber,
33             wmanIfBsOfdmTTG,
34             wmanIfBsOfdmRTG,
35             wmanIfBsOfdmInitRngMaxRSS,
36             wmanIfBsOfdmDownlinkCenterFreq,
37             wmanIfBsOfdmBsId,
38             wmanIfBsOfdmMacVersion,
39             wmanIfBsOfdmFrameDurationCode,
40             wmanIfBsOfdmDownLinkChannelId,
41             wmanIfBsOfdmUiucIndex,
42             wmanIfBsOfdmUcdFecCodeType,
43             wmanIfBsOfdmFocusCtPowerBoost,
44             wmanIfBsOfdmUcdTcsEnable,
45             wmanIfBsOfdmDiucIndex,
46             wmanIfBsOfdmDownlinkFrequency,
47             wmanIfBsOfdmDcdFecCodeType,
48             wmanIfBsOfdmDiucMandatoryExitThresh,
49             wmanIfBsOfdmDiucMinEntryThresh,
50             wmanIfBsOfdmTcsEnable,
51             wmanIfBsOfdmMinReqRegionFullTxOpp,
52             wmanIfBsOfdmMinFocusedCtTxOpp,
53             wmanIfBsOfdmMaxRoundTripDelay,
54             wmanIfBsOfdmRangeAbortTimingThold,

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1          wmanIfBsOfdmRangeAbortPowerThold ,
2          wmanIfBsOfdmRangeAbortFreqThold,
3          wmanIfBsOfdmDnlkRateId,
4          wmanIfBsSsOfdmReqCapFftSizes ,
5          wmanIfBsSsOfdmReqCapSsDemodulator,
6          wmanIfBsSsOfdmReqCapSsModulator ,
7          wmanIfBsSsOfdmReqCapFocusedCtSupport ,
8          wmanIfBsSsOfdmReqCapTcSublayerSupport ,
9          wmanIfBsSsOfdmRspCapFftSizes ,
10         wmanIfBsSsOfdmRspCapSsDemodulator,
11         wmanIfBsSsOfdmRspCapSsModulator ,
12         wmanIfBsSsOfdmRspCapFocusedCtSupport ,
13         wmanIfBsSsOfdmRspCapTcSublayerSupport ,
14         wmanIfBsOfdmCapFftSizes ,
15         wmanIfBsOfdmCapSsDemodulator ,
16         wmanIfBsOfdmCapSsModulator ,
17         wmanIfBsOfdmCapFocusedCtSupport ,
18         wmanIfBsOfdmCapTcSublayerSupport ,
19         wmanIfBsOfdmCapCfgFftSizes ,
20         wmanIfBsOfdmCapCfgSsDemodulator ,
21         wmanIfBsOfdmCapCfgSsModulator ,
22         wmanIfBsOfdmCapCfgFocusedCtSupport ,
23         wmanIfBsOfdmCapCfgTcSublayerSupport}
24     STATUS          current
25     DESCRIPTION
26         "This group contains objects for BS and OFDM PHY."
27     ::= { wmanIfMibGroups 5 }
28
29 wmanIfMibSsOfdmGroup      OBJECT-GROUP
30     OBJECTS {wmanIfSsOfdmCtBasedResvTimeout,
31             wmanIfSsOfdmBwReqOppSize,
32             wmanIfSsOfdmRangReqOppSize,
33             wmanIfSsOfdmUplinkCenterFreq,
34             wmanIfSsOfdmSubChReqRegionFull,
35             wmanIfSsOfdmSubChFocusCtCode,
36             wmanIfSsOfdmUpLinkChannelId,
37             wmanIfSsOfdmBsEIRP,
38             wmanIfSsOfdmChannelNumber,
39             wmanIfSsOfdmTTG,
40             wmanIfSsOfdmRTG,
41             wmanIfSsOfdmInitRngMaxRSS,
42             wmanIfSsOfdmDownlinkCenterFreq,
43             wmanIfSsOfdmBsId,
44             wmanIfSsOfdmMacVersion,
45             wmanIfSsOfdmFrameDurationCode,
46             wmanIfSsOfdmDownLinkChannelId,
47             wmanIfSsOfdmUiucIndex,
48             wmanIfSsOfdmUcdFecCodeType,
49             wmanIfSsOfdmFocusCtPowerBoost,
50             wmanIfSsOfdmUcdTcsEnable,
51             wmanIfSsOfdmDiucIndex,
52             wmanIfSsOfdmDownlinkFrequency,
53             wmanIfSsOfdmDcdFecCodeType,
54             wmanIfSsOfdmDiucMandatoryExitThresh,

```

```

1           wmanIfSsOfdmDiucMinEntryThresh,
2           wmanIfSsOfdmTcsEnable}
3     STATUS      current
4     DESCRIPTION
5       "This group contains objects for SS and OFDM PHY."
6     ::= { wmanIfMibGroups 6 }
7
8 wmanIfMibBsOfdmaGroup    OBJECT-GROUP
9     OBJECTS {wmanIfBsOfdmaCtBasedResvTimeout,
10            wmanIfBsOfdmaBwReqOppSize,
11            wmanIfBsOfdmaRangReqOppSize,
12            wmanIfBsOfdmaUplinkCenterFreq,
13            wmanIfBsOfdmaInitRngCodes,
14            wmanIfBsOfdmaPeriodicRngCodes,
15            wmanIfBsOfdmaBWReqCodes,
16            wmanIfBsOfdmaPerRngBackoffStart,
17            wmanIfBsOfdmaPerRngBackoffEnd,
18            wmanIfBsOfdmaStartOfRngCodes,
19            wmanIfBsOfdmaPermutationBase,
20            wmanIfBsOfdmaULAllocSubchBitmap,
21            wmanIfBsOfdmaOptPermULAllocSubchBitmap,
22            wmanIfBsOfdmaBandAMCAllocThreshold,
23            wmanIfBsOfdmaBandAMCReleaseThreshold,
24            wmanIfBsOfdmaBandAMCAllocTimer,
25            wmanIfBsOfdmaBandAMCReleaseTimer,
26            wmanIfBsOfdmaBandStatRepMAXPeriod,
27            wmanIfBsOfdmaBandAMCRetryTimer,
28            wmanIfBsOfdmaSafetyChAllocThreshold,
29            wmanIfBsOfdmaSafetyChReleaseThreshold,
30            wmanIfBsOfdmaSafetyChAllocTimer,
31            wmanIfBsOfdmaSafetyChReleaseTimer,
32            wmanIfBsOfdmaBinStatRepMAXPeriod,
33            wmanIfBsOfdmaSafetyChARetryTimer,
34            wmanIfBsOfdmaHARQAackDelayULBurst,
35            wmanIfBsOfdmaCQICHBandAMCTranaDelay,
36            wmanIfBsOfdmaBsEIRP,
37            wmanIfBsOfdmaChannelNumber,
38            wmanIfBsOfdmaTTG,
39            wmanIfBsOfdmaRTG,
40            wmanIfBsOfdmaInitRngMaxRSS,
41            wmanIfBsOfdmaDownlinkCenterFreq,
42            wmanIfBsOfdmaBsId,
43            wmanIfBsOfdmaMacVersion,
44            wmanIfBsOfdmaFrameDurationCode,
45            wmanIfBsOfdmaSizeCqichIdField,
46            wmanIfBsOfdmaHARQAackDelayBurst,
47            wmanIfBsOfdmaUiucIndex,
48            wmanIfBsOfdmaUcdFecCodeType,
49            wmanIfBsOfdmaRangingDataRatio,
50            wmanIfBsOfdmaNorCOverNOVERRIDE,
51            wmanIfBsOfdmaDiucIndex,
52            wmanIfBsOfdmaDownlinkFrequency,
53            wmanIfBsOfdmaDcdFecCodeType,
54            wmanIfBsOfdmaDiucMandatoryExitThresh,

```

```

1           wmanIfBsOfdmaDiucMinEntryThresh}
2     STATUS      current
3     DESCRIPTION
4       "This group contains objects for BS and OFDMA PHY."
5       ::= { wmanIfMibGroups 7 }
6
7 wmanIfMibSsOfdmaGroup      OBJECT-GROUP
8     OBJECTS {wmanIfSsOfdmaCtBasedResvTimeout,
9             wmanIfSsOfdmaBwReqOppSize,
10            wmanIfSsOfdmaRangReqOppSize,
11            wmanIfSsOfdmaUplinkCenterFreq,
12            wmanIfSsOfdmaInitRngCodes,
13            wmanIfSsOfdmaPeriodicRngCodes,
14            wmanIfSsOfdmaBWReqCodes,
15            wmanIfSsOfdmaPerRngBackoffStart,
16            wmanIfSsOfdmaPerRngBackoffEnd,
17            wmanIfSsOfdmaStartOfRngCodes,
18            wmanIfSsOfdmaPermutationBase,
19            wmanIfSsOfdmaULAllocSubchBitmap,
20            wmanIfSsOfdmaOptPermULAllocSubchBitmap,
21            wmanIfSsOfdmaBandAMCAllocThreshold,
22            wmanIfSsOfdmaBandAMCReleaseThreshold,
23            wmanIfSsOfdmaBandAMCAllocTimer,
24            wmanIfSsOfdmaBandAMCReleaseTimer,
25            wmanIfSsOfdmaBandStatRepMAXPeriod,
26            wmanIfSsOfdmaBandAMCRetryTimer,
27            wmanIfSsOfdmaSafetyChAllocThreshold,
28            wmanIfSsOfdmaSafetyChReleaseThreshold,
29            wmanIfSsOfdmaSafetyChAllocTimer,
30            wmanIfSsOfdmaSafetyChReleaseTimer,
31            wmanIfSsOfdmaBinStatRepMAXPeriod,
32            wmanIfSsOfdmaSafetyChaRetryTimer,
33            wmanIfSsOfdmaHARQAackDelayULBurst,
34            wmanIfSsOfdmaCQICHBandAMCTranaDelay,
35            wmanIfSsOfdmaBsEIRP,
36            wmanIfSsOfdmaChannelNumber,
37            wmanIfSsOfdmaTTG,
38            wmanIfSsOfdmaRTG,
39            wmanIfSsOfdmaInitRngMaxRSS,
40            wmanIfSsOfdmaDownlinkCenterFreq,
41            wmanIfSsOfdmaBsId,
42            wmanIfSsOfdmaMacVersion,
43            wmanIfSsOfdmaFrameDurationCode,
44            wmanIfSsOfdmaSizeCqichIdField,
45            wmanIfSsOfdmaHARQAackDelayBurst,
46            wmanIfSsOfdmaUiucIndex,
47            wmanIfSsOfdmaUcdFecCodeType,
48            wmanIfSsOfdmaRangingDataRatio,
49            wmanIfSsOfdmaNorCOverNOVERRIDE,
50            wmanIfSsOfdmaDiucIndex,
51            wmanIfSsOfdmaDownlinkFrequency,
52            wmanIfSsOfdmaDcdFecCodeType,
53            wmanIfSsOfdmaDiucMandatoryExitThresh,
54            wmanIfSsOfdmaDiucMinEntryThresh}

```

```
1      STATUS          current
2      DESCRIPTION
3          "This group contains objects for SS and OFDMA PHY."
4      ::= { wmanIfMibGroups 8 }
5
6 wmanIfMibBsNotificationGroup      NOTIFICATION-GROUP
7     NOTIFICATIONS {wmanIfBsSsStatusNotificationTrap,
8                   wmanIfBsSsDynamicServiceFailTrap,
9                   wmanIfBsSsRssiStatusChangeTrap,
10                  wmanIfBsSsPkmFailTrap,
11                  wmanIfBsSsRegistrerTrap,
12                  wmanIfBsFanStatusTrap,
13                  wmanIfBsTemperatureChangeTrap,
14                  wmanIfBsEventTrap}
15     STATUS          current
16     DESCRIPTION
17         "This group contains event notifications for BS."
18     ::= { wmanIfMibGroups 9 }
19
20 wmanIfMibSsNotificationGroup      NOTIFICATION-GROUP
21     NOTIFICATIONS {wmanIfSsTlvUnknownTrap,
22                   wmanIfSsDynamicServiceFailTrap,
23                   wmanIfSsDhcpSuccessTrap,
24                   wmanIfSsRssiStatusChangeTrap,
25                   wmanIfSsEventTrap}
26     STATUS          current
27     DESCRIPTION
28         "This group contains event notifications for SS."
29     ::= { wmanIfMibGroups 10 }
30
31
```



