

Revision History - VDSL MIB

-04 revision (September 23, 2002)

1. changed "x.x dB" to "x.x dBm" in UNITS clauses.
2. added a new object `vdslSCMConfProfileTxBandSide` and made it part of the index for the `vdslSCMConfProfileTxBandTable`.
3. per DSL Forum WT-068 section 2.3.1, augmented the description for `vdslLineConfBandPlan`
4. per DSL Forum WT-068 section 2.3.2, added a range to `vdslLineConfBandPlanFx`
5. per DSL Forum WT-068 sections 2.5.1 and 2.5.2, added two objects `vdslLineConfDownstreamMaxPwr` and `vdslLineConfUpstreamMaxPwr`
6. per DSL Forum WT-068 section 2.7.1, augmented the description for the amateur radio band mask and added 4 objects to set the start and stop frequencies for the two optional vendor-specific (custom) notches.
7. per DSL Forum WT-068 section 2.8, removed 1 object and added 6 objects to define minimum, maximum, and target noise margins in both downstream and upstream directions. Added 4 notifications for these (up/down max/min).
8. per DSL Forum WT-068 section 2.8, corrected SNR margin ranges.
9. per DSL Forum WT-068 section 2.9, added 9 objects to specify fast and slow channel minimum and maximum data rates for both downstream and upstream as well as a rate adaptation ratio.
10. per DSL Forum WT-068 section 2.10, added 2 objects to specify maximum interleave delay for downstream and upstream.
11. per DSL Forum WT-068 section 3.2, changed curr table to distinguish between downstream and upstream.
12. per DSL Forum WT-068 section 4.1, changed the SCM profile to support upstream and downstream objects for codeword size, FEC size, block size, depth, and number of carriers.
13. added definitions for the following textual conventions to the hc-tc mib:
 - a. `HCPperfValidIntervals`,

- b. HCPeInvalidIntervals,
- c. HCPeTimeElapsed, and
- d. HCPeIntervalThreshold.

These are now used in the vdsl mib.

- 14. added a sentence stating that slow and interleave are the same channel in vdslLineType.
- 15. changed the range on vdslCurrSnrMgn.
- 16. changed the range on vdslCurrAtn.
- 17. changed the units and range on vdslCurrOutputPwr.

-05 revision (October 15, 2002)

- 1. added the object vdslSCMConfProfileSide to vdslLineSCMConfProfileEntry so that it may be used as an index.
- 2. merged the up/down objects as there is now an entry per side in the profile table.
- 3. reworded the paragraphs that stated that a given profile table "MUST NOT be implemented" to "SHOULD NOT be used" (in the cases where a table is applicable to MCM but not SCM and vice versa).

-06 revision (October 30, 2002)

- 1. changed vdslLineConfProfile and vdslLineAlarmConfProfile from Integer32 to Unsigned32.
- 2. changed the access on the following index objects to not-accessible
 - a. vdslLineAlarmConfProfileIndex
 - b. vdslMCMConfProfileTxBandNumber
 - c. vdslMCMConfProfileRxBandNumber
 - d. vdslMCMConfProfileTxPSDNumber
 - e. vdslMCMConfProfileMaxTxPSDNumber
 - f. vdslMCMConfProfileMaxRxPSDNumber
 - g. vdslSCMConfProfileSide
 - h. vdslSCMConfProfileTxBandSide
 - i. vdslSCMConfProfileTxBandNumber

Candidate further revisions:

Consider changing the following objects to Unsigned32 or the RFC2493 equivalents as appropriate:

vdslPerfLofs
vdslPerfLoss
vdslPerfLprs
vdslPerfESs
vdslPerfSESSs
vdslPerfUASSs
vdslPerfInits
vdslPerfCurr15MinTimeElapsed
vdslPerfCurr15MinLofs
vdslPerfCurr15MinLoss
vdslPerfCurr15MinLprs
vdslPerfCurr15MinESs
vdslPerfCurr15MinSESSs
vdslPerfCurr15MinUASSs
vdslPerfCurr15MinInits
vdslPerf1DayValidIntervals
vdslPerf1DayInvalidIntervals
vdslPerfCurr1DayTimeElapsed
vdslPerfCurr1DayLofs
vdslPerfCurr1DayLoss
vdslPerfCurr1DayLprs
vdslPerfCurr1DayESs
vdslPerfCurr1DaySESSs
vdslPerfCurr1DayUASSs
vdslPerfCurr1DayInits
vdslIntervalLofs
vdslIntervalLoss
vdslIntervalLprs
vdslIntervalESs
vdslIntervalSESSs
vdslIntervalUASSs
vdslIntervalInits
vdsl1DayIntervalLofs
vdsl1DayIntervalLoss
vdsl1DayIntervalLprs
vdsl1DayIntervalESs
vdsl1DayIntervalSESSs
vdsl1DayIntervalUASSs
vdsl1DayIntervalInits