Technical Report
DSL Forum
TR-063

Addendum to TR-057

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Addendum to TR-057

1. Introduction

The following items are to be added to TR-057. The paragraph numbers indicate where in TR-057 the items are to be inserted.

2. Addendum 1

In Section 2.5.1 insert after "*Automatic Backoff* (based on line measurements per Power Back-off Mask calculation in § 7.1.3.1.1 [1])"

- UPBO parameter set - default or custom
  - Case default parameter set selector ∈ {A..F}(Reference ETSI table)
  - Case custom parameter set:
    - Upstream Band 1 parameters *a* and *b* for Reference PSD –a - b√f
    - Upstream Band 2 parameters *a* and *b* for Reference PSD –a - b√f
- Maximum allowed kl_0 = operators estimate for electrical length

3. Addendum 2

2.10 Error Correction Management

Two different parameters control error correction: Target Burst Correction for the Slow Channel and Overhead Percentage for the Fast Channel.

2.10.1 Target Burst Correction – Downstream
Desired size of noise bursts that can be corrected for the downstream Slow Channel from 0 to 1275 microseconds in 5-microsecond steps.

2.10.2 Target Burst Correction – Upstream
Desired size of noise bursts that can be corrected for the upstream Slow Channel from 0 to 1275 microseconds in 5-microsecond steps.

2.10.3 Maximum FEC Overhead– Downstream
Maximum percentage of the redundancy bits to the FEC block size for the downstream Fast Channel from 0 to 50% in 1% steps.

2.10.4 Maximum FEC Overhead– Upstream
Maximum percentage of the redundancy bits to the FEC block size for the upstream Fast Channel from 0 to 50% in 1% steps.

4. Addendum 3

3.2.13 Current Loop Length Estimate
Case ANSI: Estimated loop length in feet assuming a 26 AWG loop.
Case ETSI: Estimated loop length in meters assuming a 0.4 mm loop.

3.2.14 Burst Correction – Downstream
Maximum size of noise bursts that can be corrected for the downstream Slow Channel from 0 to 1275 microseconds in 5-microsecond steps.

3.2.15 Burst Correction – Upstream
Maximum size of noise bursts that can be corrected for the upstream Slow Channel from 0 to 1275 microseconds in 5-microsecond steps.

3.2.16 FEC Overhead– Downstream
Percentage of the redundancy bits to the FEC block size for the downstream Fast Channel from 0 to 50% in 1% steps.

3.2.17 FEC Overhead – Upstream
Percentage of the redundancy bits to the FEC block size for the upstream Fast Channel from 0 to 50% in 1% steps.

5. Paragraph Renumbering

To improve clarity of presentation a new paragraph heading should be added to TR-57 as follows:

3.3 Channel Measurements

Then items 3.2.11, 3.2.12 in TR-057, which are channel related, should be moved to section 3.3.1 and 3.3.2. Likewise items 3.2.14, 3.2.15, 3.2.16 and 3.2.17 in Addendum 3 above, which are also channel related, should be moved to sections 3.3.3, 3.3.4, 3.3.5 and 3.3.6 respectively. Item 3.2.13 should then be renumbered 3.3.11.