Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [Comment resolutions for FSK]

Date Submitted: [July , 2010]

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Re: []

Abstract: [This document provides resolutions to comments for FSK]

Purpose: [This document provides resolutions to comments of LB51]

FSK CID 1100

- Comment:

  Document/table says: "phyFSKFECInterleaving", Is this parameter used only by FSK?

- Response: Accept in principle, no change required.
  - The parameter is only used by FSK

FSK CID 1214

- Comment:
  - The section on the MR-FSK PHY in sub-clause 6.12a requires further clarification, e.g. there is missing the initial state of the memory registers used in the FEC, it is unclear how bits map to coded/interleaved bits, superscripts and subscripts appear swapped at time, etc.
- Response: Accept in principle
- Resolution:
  - Resolved by revised document 15-10-0266-04

FSK CID 1220

- Comment:

  SHR shall never be sent in 4(G)FSK modulation, and it should be avoided for PHR as well.

- Response:

  The comment shall be under ‘preamble’ category, it has been resolved by Document number 15-10-401-00 provided by Yasukawa-san

FSK CID 1224

- Comment: Except for here, the rest of the draft maps a "00" symbol to the largest negative output (voltage or deviation), and Grey codes the remaining mappings. This is an established encoding also used in 802.11.
- Response: Reject
- Resolution: The current bit-symbol-mapping scheme was agreed in comment spreadsheet P802.15-10-0031-18-004g in Orlando Plenary meeting.

FSK CID 1233

- Comment: Block diagram in Figure 65a is incomplete, since FEC and Data Whitening are missing.
- Response: Accept in principle
- Resolution: Resolved by Document 15-10-0356-03