

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

Submission Title: [Summary of MPM/CSM Teleconference before Adhoc meeting and LA Interim]

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Re: []

Abstract: [Summarizes the discussion outcome of the MPM/CSM Teleconference before the Adhoc meeting and LA Interim in January 2011]

Purpose: [This document provides a list of the editing staff that will be working on 802.15.4g.]

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Summary of The Summary

- This document presents the summary of the discussions in the five MPM/CSM teleconferences before IEEE LA Interim January 2011
- A total of 118 comments are addressed, and categorized into three comment groups
- Way to proceed in each comment group is suggested

Document Outline

- Teleconference Date and Time
- Outcome of the Teleconferences
- Categories of Comments
- Way to Proceed

Teleconference Date and Time

- Dates
 - 2010 Nov 29
 - 2010 Dec 2
 - 2010 Dec 6
 - 2010 Dec 20
 - 2011 Jan 4
- Time (same for all five teleconferences)
 - PST: 14:00-16:00
 - EST: 17:00-19:00
 - London: 22:00-24:00
 - Japan: 07:00-09:00 (+1 day)
- A reminder and a brief report were sent before and after each teleconference

Outcome of the Teleconferences

- Addressed a total of 118 comments
- Categorized the comments into three categories
 - Group A – 110 comments related to MPM/CSM topics
 - Group B – 6 comments related to channel numbering and channel assignment
 - Group C – 2 comments related to CSM hopping channel utilization

Group A Comments

- Comments related to MPM/CSM topics
- Number of comments: 110 (as listed in 10/948r3)
- Documents providing resolutions to the comments:
 - 10/948r3 – Spreadsheet for MPM/CSM related comments
 - 10/872r6 – Text on MAC primitives
 - 10/954r2 – MPM/CSM draft text that includes all approved and to-be-approved resolutions
- Current status: No outstanding critical technical issues. In final editorial process.

Group B Comments (1/2)

- Comments related to channel numbering and channel assignment
- Number of comments: 6 (CID 569, 570, 650, 651, 649 and 34)
- Documents providing resolutions to the comments:
 - 10/957r2 – Channel numbering spreadsheet
 - 10/962r2 – Channel assignment for 2.4GHz band 868MHz bands
 - 10/955r1 – Channel numbering proposal

Group B Comments (2/2)

- Proposed resolutions to the draft text:
 - Adding a normative table on channel plan – 10/957r2
 - Adding an informative statement on regulation – 10/962r2
 - Modifying the channel plan equations – 10/955r1
- Current status: Resolution proposed. No consensus yet.

Group C Comments (1/2)

- Comments related to CSM hopping channel utilization
- Number of comments: 2 (CID 972, 973)
- Document providing resolutions to the comments:
 - 10/956r0 – CSM channel utilization issue

Group C Comments (2/2)

- Options of resolution:
 - For frequency hopping channels, define a fixed subset (*i.e.* odd channels only) of channels for scanning and EB/EBR exchange in CSM without higher layer control
 - For frequency hopping channels, have a PIB attribute to define the channels for scanning and EB/EBR exchange in CSM
- Current status: Two options proposed. No consensus yet.

Way to Proceed

- Group A Comments
 - Obtain approval from the group on the proposed draft text
- Group B Comments
 - Continuation of discussion to decide whether to accept the proposed modifications
- Group C Comments
 - Continuation of discussion to choose one of the two proposed option