

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

Submission Title: 802.15.4 2020 Cor1 Closing Report for March Meeting

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Re: 802.15.4 2020 Cor1 Closing Report for March Plenary Meeting

Abstract: Closing Report for 802.15.4 2020 Cor1 meeting for March Plenary Meeting.

Purpose: Provide information which kind of changes are needed to the standard.

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IEEE 802.15.4 2020 Cor1 Closing report

March 17, 2020

Kunal Shah (Itron)
IEEE 802.15.4 2020 Cor1 Chair

802.15.4 2020 Cor1 Scope

Project:

This corrigendum corrects errors found in IEEE Std 802.15.4.

Achievements

- ✓ 2 sessions held during this plenary
- ✓ Reviewed PAR
- ✓ Review technical proposals
- ✓ Heard 4 new proposals on the technical errors found in IEEE 802.15.4
- ✓ Preliminary draft discussed
- ✓ Draft timeline discussed

List of Proposals

- SUN OFDM PHY PHR – doc#171rev0
- SUN-OFDM PHR MCS ambiguity problem and the resolution – Doc#305rev2
- 870 MHz Band Designator Issue – Doc# 330rev0
- Resolution to OFDM PHY PHR – Doc#386rev0
- Proposal for OFDM PHR Clarifications – Doc#393Rev0
- Proposal for SUN FSK/OFDM Channel Plan – Doc#397rev0
- Comparison of SUN OFDM PHR proposals– doc#29rev0
- Correction of Mode Switch PHR Parity Formula– Doc#9rev0
- Proposal for OFDM PHR Clarifications– Doc# 393rev0
- Proposal for SUN FSK/OFDM Channel Plan – Doc#397rev0
- Error in Clause 18.6 LRP UWB (Clint)
- Candidates for SUN-OFDM PHR of New Low Rates – Doc#37rev0
- Clarification in clause 7.4 IEs
- SUN OFDM PHR Consolidated proposal – Doc#158rev01
- Enhanced Ack Timing Issue – Doc#107rev01
- Padding issue in SUN-OFDM PHY – Doc#173rev0
- 802.15.4z - HRP UWB PHY - HPRF mode preamble sequence cross-correlation properties – Doc#152rev0

Plan for May Interim

- Prepare and review draft based on all the proposals heard
- Initiate working group Letter Ballot

Timeline

- TG formation Sep 2020
- Call for Proposals Oct 2020
- Presentation of Proposals Nov 2020
- Hear additional proposals Jan 2021
- Consolidate proposals and develop draft Mar 2021
- Review draft and initiate LB May 2021
- LB comment resolution start recirculations July 2021
- Additional LB recirculation Sep 2021
- Start Standard Association ballot Nov 2021
- SA ballot comment resolution + 2 recirculations Jan 2022
- RevCom submission Feb 2022