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

**Submission Title:** 802.15.4 2020 Cor1 Closing Report for Sep Meeting

**Date Submitted:** 22 Sep, 2021

**Source:** Kunal Shah                      Company – Itron Inc.

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**Re:** 802.15.4 2020 Cor1 Closing Report for Sep Plenary Meeting

**Abstract:** Closing Report for 802.15.4 2020 Cor1 meeting for Sep Interim 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

Sep 22, 2021

Kunal Shah (Itron)  
IEEE 802.15.4 2020 Cor1 Chair

## 802.15.4 2020 Cor1 Scope

### Project:

This corrigendum addresses significant errors found in IEEE Std 802.15.4-2020 and its amendments.

# Achievements

- ✓ 3 sessions held during this Interim
- ✓ Heard additional proposals
- ✓ Reviewed Preliminary draft
- ✓ Initiated Letter Ballot
- ✓ Draft timeline discussed

# Modified PAR

PAR

15-20-0270-04-Cor2-p802-15-4-2020-cor-1-par-  
Update-detail

<https://development.standards.ieee.org/myproject-web/app#viewpar/12753/9245>

# List of Proposals

1. SUN OFDM PHY PHR – doc#171rev0
2. SUN-OFDM PHR MCS ambiguity problem and the resolution – Doc#305rev2
3. 870 MHz Band Designator Issue – Doc# 330rev0
4. Resolution to OFDM PHY PHR – Doc#386rev0
5. Proposal for OFDM PHR Clarifications – Doc#393Rev0
6. Proposal for SUN FSK/OFDM Channel Plan – Doc#397rev0
7. Comparison of SUN OFDM PHR proposals– doc#29rev0
8. Correction of Mode Switch PHR Parity Formula– Doc#9rev0
9. Proposal for OFDM PHR Clarifications– Doc# 393rev0
10. Proposal for SUN FSK/OFDM Channel Plan – Doc#397rev0
11. Error in Clause 18.6 LRP UWB
12. Candidates for SUN-OFDM PHR of New Low Rates – Doc#37rev0
13. Clarification in clause 7.4 IEs
14. SUN OFDM PHR Consolidated proposal – Doc#158rev01
15. Enhanced Ack Timing Issue – Doc#107rev01
16. Padding issue in SUN-OFDM PHY – Doc#173rev0
17. 802.15.4z - HRP UWB PHY - HPRF mode preamble sequence cross-correlation properties – Doc#152rev0
18. Errors in SRM
19. 15.4y PICS - Doc#295rev01
20. Convolutional Interleaver Definition - Doc# 302rev00
21. SFDs in 4z LRP PHY – Doc#508rev00

# TG Motion – Letter Ballot

*Motion: Move that TG42020Cor1 formally request that the 802.15 WG start a WG Letter Ballot requesting approval of document P802-15-4-2020Cor1\_D1 and to forward document P802-15-4-2020Cor1\_D1, to Standards Association ballot pending the completion and inclusion of the edits in the draft.*

Moved by: Takashi Kuramochi (Lapis)

Seconded by: Jeng-Shiann Jiang (Vertexcom)

Discussion:

Approved by unanimous consent

# WG Motion – Letter Ballot

*Motion: Move that 802.15 WG start a WG Letter Ballot requesting approval of P802-15-4-2020Cor1\_D1 and to forward document P802-15-4-2020Cor1\_D1, to Standards Association ballot pending the completion and inclusion of the edits in the draft.*

Moved by: Kunal Shah (Itron)

Seconded by:

Discussion:

# TG Motion for CRG formation

*Move that TG42020Cor1 formally request that the 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of the P802-15-4-2020Cor1\_D1 with the following membership: Kunal Shah(Itron - Chair), Takashi Kuramochi(Lapis), Hiroshi Harada(Kyoto University), Tero Kivinen (self) and Jeng-Shiann Jiang (Vertexcom). The 802.15.4-2020-Cor1 CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P*

Moved: Don Sturek (Itron)

Seconded: Phil Beecher (Wi-Sun Alliance)

Approved by unanimous consent

# WG Motion for CRG formation

*Move that 802.15 WG approve the formation of a Comment Resolution Group (CRG) for the WG balloting of the P802.15.4aa\_D7 with the following membership : Kunal Shah(Itron - Chair), Takashi Kuramochi(Lapis), Hiroshi Harada(Kyoto University), Tero Kivinen (self) and Jeng-Shiann Jiang (Vertexcom). The 802.15.4-2020-Cor1 CRG is authorized to approve comment resolutions, edit the draft according to the comment resolutions, and to approve the start of recirculation ballots of the revised draft on behalf of the 802.15 WG. Comment resolution on recirculation ballots between sessions will be conducted via reflector email and via teleconferences announced to the reflector as per the LMSC 802 WG P&P*

Moved: Kunal Shah (Itron)

Seconded:

# Plan for Nov Interim

- Review letter ballot comments
- Prepare and review draft based on letter ballot comment resolution
- Initiate working group recirculation Letter Ballot

# Tele Conference Call

Wednesday, Nov 3<sup>rd</sup> – 3PM PDT

# 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
- Updated PAR and hear proposals May 2021
- Resolve PAR comments and draft review July 2021
- Review draft and initiate LB Sep 2021
- LB comment resolution start recirculation Nov 2021
- Additional LB recirculation Dec 2021
- Start Standard Association ballot Jan 2022
- SA ballot comment resolution + 2 recirculations Mar 2022
- RevCom submission July 2022