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

Submission Title: 802.15.4 2020 Cor1 Opening Report for Virtual July Meeting
Date Submitted: 14 July, 2021
Source: Kunal Shah   Company – Itron Inc.
E-Mail: Kunal.Shah@itron.com

Re: 802.15.4 2020 Cor1 Opening for Virtual July 2021 Plenary Meeting

Abstract:

Opening Report for 802.15.4 2020 Cor1 meeting for Virtual July 2021 Plenary Meeting.

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

IEEE 802.15.4 2020 Cor1 Opening report

July 14, 2021

Kunal Shah (Itron)
IEEE 802.15.4 2020 Cor1 Chair

Participants have a duty to inform the IEEE

- **Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents**

- **Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims**

   Early identification of holders of potential Essential Patent Claims is encouraged

Ways to inform IEEE

- **Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or**

- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**

- **Speak up now and respond to this Call for Potentially Essential** Patents

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

5

Other guidelines for IEEE WG meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**

  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**

  - **Don't discuss specific license rates, terms, or conditions.**

    - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.

      - **Technical considerations remain the primary focus**

  - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**

  - **Don't discuss the status or substance of ongoing or threatened litigation.**

  - **Don't be silent if inappropriate topics are discussed … do formally object.**

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and
Antitrust and Competition Policy: What You Need to Know at http://standards.ieee.org/develop/policies/antitrust.pdf

6

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE-SA Standards Board Bylaws*
  https://standards.ieee.org/about/policies/bylaws/sect6-7.html#6
- *IEEE-SA Standards Board Operations Manual*
  https://standards.ieee.org/about/policies/bylaws/sect6-7.html#6.3

Material about the patent policy is available at
http://standards.ieee.org/about/sasb/patcom/materials.html

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org

Attendance

Please log your attendance at imat.ieee.org/

TG4 2020 Cor1 July Plenary Agenda

EDT	PDT	Wednesday 7-Jul	Tuesday 13-Jul		Wednesday 14-Jul		Thursday 15-Jul		Friday 16-Jul		UTC	Sunday 18-Jul	Monday 19-Jul		Tuesday 20-Jul		Wednesday 21-Jul	Thursday 22-Jul
8:00	5:00										12:00							
9:00 / 10:00	6:00 / 7:00	802.15 CAC	WG Opening Meeting		TG7a	SG15.6a	TG7a	SG15.6a	TG7a	SC THz	13:00 / 14:00		TG7a	AM1	TG7a	SC THz	802.15 Ldrshp SG15.6a Ldrshp	WG Closing Meeting
11:00 / 12:00	8:00 / 9:00		SC IETF	TG7a	SC WNG		SCmain		SG15.15	AM2	15:00 / 16:00		Joint 6a/4ab/14	AM2	SCmain		802.15 Ldrshp SG15.15 Ldrshp	
13:00 / 14:00	10:00 / 11:00		TG16t	PM1	TG13	SG15.4ab	TG13	Joint 14/15/4ab	SG15.4ab	PM1	17:00 / 18:00		TG4corr1	PM1	TG13	SG15.15	802.15 Ldrshp SG15.14 Ldrshp	
15:00 / 16:00	12:00 / 13:00	802 Wirless Chairs mtg	SG15.15	PM2	PM2	PM2	SG15.4ab	PM2	SG15.14	PM2	19:00 / 20:00		SG15.14	PM2	SG15.14	TG16t	802.15 Ldrshp SG15.4ab Ldrshp	
17:00 / 18:00	14:00 / 15:00		TG4aa	EV1	TG4corr1	EV1	TG4aa	SG15.4ab	EV1	EV1	21:00 / 22:00		TG4aa	EV1	TG4corr1	SG15.4ab		
19:00 / 20:00	16:00 / 17:00		EV2	EV2	EV2	EV2	EV2	EV2	EV2	EV2	23:00 / 0:00		SG15.6a	EV2	EV2	EV2		

Agenda for July Interim

July 14, Wednesday EV1 (1400 PST)

- IEEE SA Patent Policy
- Opening report (doc# 0378-01)
- Approve Agenda
- Approve May meeting minutes (doc#316-00)
- Review 15.4 Corrigendum PAR comments
- Review draft
- Recess

July 19, Monday PM1 (1000 PST)

- IEEE SA Patent Policy
- Hear Technical proposals
- Review 15.4 Corrigendum PAR comments
- Review Draft
- Recess

July 20, Tuesday EV1 (1400 PST)

- IEEE SA Patent Policy
- Hear Technical proposals
- Review Draft
- Next steps
- Plan for Sep meeting
- Closing report
- Any other business
- Adjournment

Approve Agenda and Minutes

Motion: Approve the Agenda per doc#0378-01

Moved by: Don Sturek (Itron)
Seconded by: Michael Cowan (Xylem)

Approved by unanimous consent.

Motion: Approve the meeting minutes per doc#316-00

Moved by: Phil Beecher (Wi-SUN Alliance)
Seconded by: Don Sturek (Itron)

Approved by unanimous consent.

P802.15.4-2020/Cor1 Modification

Corrigendum 1 Modification: Correction of errors preventing backward compatibility

[PAR Modification](#)
General — This appears to be a markup to the Corrigendum PAR. It is expected the pdf from myProject is used for 802 preview.

➢Response – 802.15 WG Chair to provide the PDF from myProject.

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