**Wireless Personal Area Networks**

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| --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title |  |
| Date Submitted | 11 May 2017] |
| Source | [][][Lake Zurich, IL] | Voice: [+1.847.960.3715]Fax: []E-mail: [pat.kinney@kinneyconsultingllc.com] |
| Re: | [802.15 Standing Committees Meetings in Orlando, Nov 2017] |
| Abstract | [IEEE 802.15 Maintenance and WNG Standing Committee Minutes] |
| Purpose | [Official minutes of the Standing Committee Session] |
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**IEEE 802.15 Plenary Meeting – Session #115**

**San Diego, California**

**July 7-12, 2018**

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# SC Maintenance Minutes

## Monday 9 July PM1

**13:30** Meeting opened

* Discussion on any other issues with published standards?
	+ ISO/IEC/IEEE FDIS 8802-15-6 ballot started 20 April 2017 and closed on 9 September 2017 with the voting results of 10 in favor out of 12 = 83 % (requirement >= 66.66%) and 2 negative votes out of 14 = 14 % (requirement <= 25%)
	+ Two comments from ISO/IEC/IEEE FDIS 8802-15-6 to be resolved:
	+ ISO/IEC/IEEE FDIS 8802-15-6 Chinese comment to be resolved
		- Different countries or regions may have different policy and regulation on application of crypto algorithm. It’s inappropriate to specify AES as the only choice in the standard. Furthermore, the usage of crypto algorithm in the standard is best to be exemplary, that’s convenient to different countries or regions to use alternative crypto algorithm.
		- Resolution: Thank you for your comment, we find it to have merit. Accordingly, it will be entered into the Maintenance SC list to be considered as part of the next revision of IEEE Std 802.15.6.as an addition to the current AES cryptographic algorithm.
	+ ISO/IEC/IEEE FDIS 8802-15-6 Japan’s comment to be resolved
		- ISO/IEC 17982 and the Clause 10 of the ISO/IEC/IEEE FDIS 8802-15-6 may be interfered in some use-cases for the body area network. Experts foresee potential interference between an implemented entity by using the Clause 10 of ISO/IEC/IEEE FDIS 8802-15-6 and an implemented entity by using ISO/IEC 17982 under the same body area.
		- Proposed Change: Add the following text into 10.1. "When this specification and ISO/IEC 17982 are used in close area like same body area, it may be interfered each other.”
		- Resolution: Thank you for your comment, we find it to have merit. Accordingly, it will be entered into the Maintenance SC list to be considered as part of the next revision of IEEE Std 802.15.6.
	+ **Motion to 802.15 WG:** *that the 802.15 WG has reviewed and approves the resolutions to the comments from the ISO/IEC/IEEE FDIS 8802-15-6 ballot (15-18-0343-00) and requests IEEE 802 EC approval to forward the comment responses contained in document 15-18-0343-00 to ISO/IEC JTC1/SC6, as responses to the comments received on the 60 day ballot/FDIS ballot closing 9 Sept 2018 on ISO/IEC/IEEE FDIS 8802-15-6.*
	+ Moved by Tero Kivinen, seconded by Bob Heile
	+ Upon neither discussion nor objection the motion carries
* No changes requested to operations manual
	+ Consensus of the group was that we will need discussion on the topic of 802.15 ANA registration of alternate cryptographic algorithms e.g. what kind of requirements for a specification, and what kind of test vectors are required.

14:35 Upon no further discussion nor objection, the meeting was recessed

# SC WNG minutes

## Wednesday 11 July AM2

* + 15-9-Extensions-for-4y by Don Sturek (15-18-0294-01)
		- Straw poll of those who would support a formation of 802.15.9 revision task group: 15/0/0
		- WG chair requested that a study group not be formed and that the PAR and ECD be created by the September session to allow approval of the project in November 2018.
	+ Review of IG Dependability Activities for Cars and other IoT & M2M use cases and Amendment of IEEE802.15.6 Wireless Medical BAN.” by Riuji Kohno (15-18-0347-00-0dep)
* Shall we extend this interest group to include the BAN-base medical Platform?
	+ - Why don’t current standards or those under development serve the use cases being studied by IG dep?
			* BAN: 802.15.6 self interference issues
			* Layers above MAC/PHY need to be defined
		- Why cannot current standards be amended to meet requirements cited by IG Dep?

# SC IETF Minutes

## Monday 7 May PM1

### Meeting Objectives / Session Focus - SC IETF

Review purpose of this standing committee.

* Purpose is to track the WGs focused on higher layer protocols designed for 802.15.4.
* Upon reviewing the previous list of groups being tracked it was agreed to drop Detnet, T2TRG, and Ace; however Suit was picked up.
* IETF WG tracking are assigned to the following volunteers:
	+ 6lo, Roll: C Perkins
	+ Suit: Tero Kivinen
	+ Core: Demir Rakanovic
	+ 6tisch, lpwan: Pat Kinney

**LP-WAN**

Agenda: https://datatracker.ietf.org/meeting/102/materials/agenda-102-lpwan-05

draft-ietf-lpwan-ipv6-static-context-hc-16 (Dominique Barthel and Ana Minaburo)

Goal: info on WGLC conclusion, submit for publication

draft-ietf-lpwan-coap-static-context-hc-04 (Laurent Toutain -- Ricardo Andreasen)

Goal: WGLC; SCHC/OSCORE presentation

draft-petrov-lpwan-ipv6-schc-over-lorawan-0? ( Nicolas Sornin (remote))

Goal: draft update; call for adoption ?

draft-zuniga-lpwan-schc-over-sigfox-03 (Juan-Carlos Zuniga)

Goal: draft update and discussion about ACK-on-Error mode; call for adoption ?

Goal: draft update

draft-toutain-core-time-scale-00 (Laurent Toutain)

Goal: Get support from LPWAN to request attention from CORE

draft-perkins-xxx (Charlie Perkins)

Goal: ?

AOB (Charlie Perkins on IEEE)

###
[6tisch](https://datatracker.ietf.org/doc/minutes-interim-2018-6tisch-03-201803021600/)

### Agenda: https://datatracker.ietf.org/meeting/102/materials/agenda-102-6tisch-02

###
Chartered items

###
draft-ietf-6tisch-6top-protocol-12 (Xavi Vilajosana, remote)

###
goal: IESG LC status

###
draft-chang-6tisch-msf-02 (Tengfei Chang or Simon Duquennoy)

###
goal: prepare for WG adoption

###
draft-ietf-6tisch-minimal-security-06 (Malisa Vucinic, remote)

###
 goal: present changes in -06 and discuss WGLC comments

###
draft-ietf-6tisch-dtsecurity-zerotouch-join-02 (Michael Richardson)

###
 goal: progress status

###
draft-richardson-6tisch-enrollment-enhanced-beacon-00 (Michael Richardson)

###
 goal: call for adoption

###
Unchartered items, time permitting

###
draft-vilajosana-6tisch-globaltime-01 (Xavi Vilajosana)

###
 goal: discuss interaction with minimal security

###
draft-munoz-6tisch-multiple-phys (Jonathan Munoz)

###
 goal: info

###
retransmission algorithm IEEE 802.15.4-2015 (Yasuyuki Tanaka>)

###
 goal: information sharing

###
status of the 6lo fragmentation design team (Thomas)

###
core

### Agenda: https://datatracker.ietf.org/meeting/102/materials/agenda-102-core-00

###
COMI cluster

###
draft-ietf-core-yang-cbor-06 2018-02-08 Active (discuss observations from active use, NMDA)

###
draft-ietf-core-comi-03 2018-06-04 Active

###
draft-ietf-core-sid-04 2018-06-04 Active

###
draft-veillette-core-yang-library-02 2018-01-24 (sanity check: where are we with this?)

###
Housekeeping cluster

###
draft-ietf-core-too-many-reqs-02 new 2018-07-02 Active

###
draft-ietf-core-multipart-ct-01 new 2018-07-02 Active

###
draft-bormann-core-proactive-ct-00 new 2018-07-02

###
Active

###
draft-ietf-core-coap-pubsub-05 new 2018-07-02 Active

###
draft-ietf-core-dynlink-06 new 2018-07-02 Active

###
draft-ietf-core-interfaces-12 2018-06-26 Active

###
draft-silverajan-core-coap-alternative-transports-11 2018-03-05

###
draft-silverajan-core-coap-protocol-negotiation-09 new 2018-07-02 (what is needed to be ready for WG adoption?)

###
New work: Congestion control, continued

###
draft-jarvinen-core-fasor-00 new 2018-07-02

###
6lo

Agenda: https://datatracker.ietf.org/doc/agenda-102-6lo/

Latest on 6LoWPAN ND IESG review

https://tools.ietf.org/html/draft-ietf-6lo-rfc6775-update-21

Update on mailing list discussion on Security

https://tools.ietf.org/html/draft-ietf-6lo-ap-nd-06

WGLC Preparation and update:

https://tools.ietf.org/html/draft-ietf-6lo-backbone-router-06

Update on BLE mesh draft and implementation findings

https://tools.ietf.org/html/draft-ietf-6lo-blemesh-03

IPv6 over PLC networks (Charlie Perkins)

https://tools.ietf.org/html/draft-hou-6lo-plc

Fragment Forwarding Drafts

https://tools.ietf.org/html/draft-watteyne-6lo-minimal-fragment-01

https://tools.ietf.org/html/draft-thubert-6lo-forwarding-fragments-08

 6lowpan and Memory Constrained Devices

https://tools.ietf.org/html/draft-ayers-low-power-interop-00

**AOB**

* None offered

SC IETF adjourned at 14:45