IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 15 - 17 January 19 |
| Name | Affiliation | Address | Phone | Email |
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| Author(s):  |
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| Author and Officer presiding:  |
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Abstract

IEEE 802 RR-TAG Wireless Interim Minutes

These are IEEE 802 RR-TAG Wireless Interim Minutes for 15 - 17 Jan 19

Chair calls the meeting to order at 10:31 CT (local). See attendees below.

1. Chair presents slides 2, 3, and 4 of 802.18-19/0005r02, the call to order and administrative items
	1. Voters: 41 (9 on EC); Nearly Voters: 2; Aspirant members: 14
	2. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0005r02, the agenda:
	1. Call to Order
	2. Administrative items
		1. Need a recording secretary, Peter Ecclesine
	3. Approve agenda & last minutes
	4. Discussion items
		1. EU Items
		2. NTIA National Spectrum Strategy
		3. U.S. DoT Releases Request for Comment (RFC) on Vehicle-to-Everything (V2x) Communications
		4. ACMA consultation for 5G and 60GHz band
		5. General Discussion Items
	5. Actions required
		1. 5GAA comments EC Ballot
		2. NTIA comments
		3. And anything new today
	6. AOB and Adjourn
3. Chair presents slides 6 – 9, Administrative – Motions and more
	1. Motion: To approve the agenda as presented on previous slide

Moved by: Stuart Kerry (Ruckus)

Seconded by: Guido Hiertz (Ericsson)

Discussion?

Vote: Unanimous consent

* 1. Motion: To approve the minutes from the IEEE 802.18 Plenary meeting 13-15 November 2018 (BKK) in document: <https://mentor.ieee.org/802.18/dcn/18/18-18-0149-00-0000-meeting-minutes-bangkok-f2f.docx> Posted: 21-Nov-2018 10:55:17 ET

Moved by: Stuart Kerry (Ruckus)

Seconded by: Tim Jefferies (Huawei)

Discussion?

Vote: Unanimous consent

* 1. Motion: To approve the minutes from the IEEE 802.18 teleconference 20 December 2018 in document: <https://mentor.ieee.org/802.18/dcn/18/18-18-0167-00-0000-minutes-20dec18-rr-tag-teleconference.doc> Posted: 26-Dec-2018 23:38:04 ET

Moved by: Tim Jefferies (Huawei)

Seconded by: Jay Holcomb (Itron)

Discussion?

Vote: Objection to unanimous consent: 7Y – 0N – 2 Abstain.

* 1. Is anyone able to help as the 802.18 Vice-Chair?
		1. Needs to be a member of the IEEE and also the SA, needs a declaration of term commitment and affiliation letters to the EC. O
	2. Is anyone able to help as the 802.18 Secretary?
		1. Secretary must be IEEE SA membser, though letters are not needed.
1. Chair presents slide 10-11, EU Items review,
	1. In a recent ERM call there were substantial objections against the WI to revise the ETSI Guide (EG 203 336). No agreement could be reached, therefore it has gone to the ETSI board for actions.
	2. Consultant has approved a standard w/o receiver requirements, will this allow with justification to have some standards w/o the receiver requirement? We will see as other standards come up for review.
	3. The SE45 report should be out for public consultation soon with a goal to review the feedback in the April meetings.
	4. It was noted there are several ITS activities going in the EU, including:
		1. SRD-MG: SRD decision 7. update in ECC and EC will include 60 GHz ITS in the band 63.72-65.88 GHz
		2. Draft update of ECC Decision (09)01 on ITS in 60GHz in the band 63.72-65.88 GHz as mobile service
		3. Update of ITS decision at EC and ECC level in work for 2019, including several at 5.9GHz and for rail.
		4. In addition, for UWB in SE24, WI63 to include fixed outdoor and higher power for indoor use above 6GHz, with the regulation later in 2020.
		5. And, a UWB mandate to CEPT on sensor application, medical and car access systems, to be published in 2Q19.
2. Chair presents slides 12-14, NTIA soliciting comments on National Spectrum Strategy
	1. Comments must be received by January 22, 2019
	2. <https://mentor.ieee.org/802.18/dcn/18/18-18-0168-00-0000-developing-a-sustainable-spectrum-strategy-for-america-s-future-ntia-request-for-comments.pdf>
	3. There are 5 points and 7 questions
	4. Have been asked to have 802.18 to review and do comments where appropriate.
	5. No one had interest to reply, so IEEE 802.18 will pass.
3. Chair presents slide 15, EC Draft Law on Vehicle Communications
	1. Communication standards for connected and autonomous vehicles;
	2. Feedback due 08 Feb.
	3. [https://ec.europa.eu/info/law/better-regulation/initiatives/ares-2017-2592333\_en#isc-2018-08207](https://urldefense.proofpoint.com/v2/url?u=https-3A__ec.europa.eu_info_law_better-2Dregulation_initiatives_ares-2D2017-2D2592333-5Fen-23isc-2D2018-2D08207&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=IHRKZ4TyKO236Jqb08bEB_oaVJx567dVqQOVMQvZxww&s=YW9ZhMp3aTUzjKhFe_wc7QNOufyElAqclS8eAMVCmPQ&e=)
	4. Is there anything in this we could use in DoT comments? yes.
	5. Do we consider feedback? tbd
4. Chair presents slides 16 to 20, U.S. DoT Releases RFC on V2x Communications
	1. Comments due 25 Jan 19 (The TAG would need to approve comments by this Thursday)
	2. <https://www.federalregister.gov/documents/2018/12/26/2018-27785/notice-of-request-for-comments-v2x-communications?utm_campaign=subscription%20mailing%20list&utm_source=federalregister.gov&utm_medium=email>
	3. **New news: Unofficial (since in US Government shutdown) on official web site:**
	4. … the Department intends to consider all comments that are submitted within 30 calendar days following expiration of the comment period. See: <https://www.transportation.gov/v2x>
	5. There are 9 basic questions we went through in detail listing out different bullet items for each of the questions.
	6. Discussed how in the EU channels different than US, e.g. for V2I and V2V, and safety looking to be closer to the same.
	7. See: <https://mentor.ieee.org/802.18/dcn/19/18-19-0008-00-0000-usdot-v2x-communciations-rfc-ieee-802-comments.docx>
	8. This will be brought up later today in the 802.11bd meeting soliciting input for comments.
	9. And, will continue to work on the comments this week and discuss when we can get to approved comments, keeping in mind the 30-day grace period.
5. Did not discuss slides 21-22, ACMA - Proposed updates to class licensing arrangements supporting 5G and other technology innovations
	1. Comments close 22 February 2019
	2. For more details see [IFC 45/2018 Class licensing updates: Supporting 5G and other technology innovations](https://www.acma.gov.au/theACMA/class-licensing-updates-supporting-5g-and-other-technology-innovations)
	3. 2 IEE 802 folks are working on comments and have a goal to approve comments by 07 Feb.
6. Chair present slide 23, Recess
	1. Actions required:
		1. Please, any comment text for US DoT RFC on V2X, send to chair or list server.
	2. AOB before Recess to Thursday AM1.
		1. EC ballot on our 5GAA waiver request comments is due to finish tomorrow, wed. and only 4 of 15 have voted. (need 67% / 10 approves)
	3. We recessed until Thursday AM1 at 12:27CT (local)
7. Chair reconvenes the meeting to order at 08:02 CT (local), with 802.18-19/0005r04, updated since tuesday.
8. Chair presents slide 24, Thursday agenda.
	1. Reminder of IEEE policies we are under.
		1. Attendance server is open.
		2. Remember to state your name, affiliation, employer and/or clients first time you speak.
		3. Call for a recording secretary: Peter Ecclesine
	2. Items from Tuesday or new.
		1. Work on USDoT V2X comments
		2. Setup for EC Draft Law feedback, tbd.
		3. Setup for ACMA comments
	3. Actions Required
	4. AOB
	5. Adjourn
9. Chair presents slide 25, U.S. DoT Releases RFC on V2X Communications
	1. Note, 802.11bd was also meeting, so no one in the room from them.
	2. Discussed on we need to collect the data from the 802.11bd meetings this week that are still going on, as that info will be important for the comments to the DoT.
	3. Also need to review more the EC Draft law on V2X and gather from some members that are in the know of what is going on in the EU on V2X.
	4. For timing will have to use the 30-day grace period from the DoT and use the EC 5 day early close ballot, that gives us 3 teleconferences (31 Jan., 07 Feb, and 14 Feb.) to work on the comments.
		1. We noted this is the same exact period for the ACMA comments, see below.
	5. It was brought up looking at the 9 questions and how they are so interrelated, maybe we outline our response as what is needed to look forward, as opposed to ‘9 answers’. This is tbd.
	6. We identified about 7 members that could help with the comments. Will look at emails/list server/ad hocks/off-line to work toward a draft out line/comments to review in the 31 Jan. teleconference.
	7. No motion was made per slide 26.
10. Chair presents slide 27, EC Draft Law on Vehicle Communications
	1. Decided / Confirmed we will not do feedback.
	2. Though reminded all to review and what can be pointed to from the DoT comments.
11. Chair presents slide 28, ACMA - Proposed updates to class licensing arrangements supporting 5G and other technology innovations
	1. Discussed that its timing is the same as the DoT comments.
	2. Will mostly be different folks working on it and goal was set to have some initial / draft comments to review at the 31 January teleconference (same call as draft DoT comments.)
	3. Would be nice to approve comments by 07 Feb. so can do normal 10day EC ballot, though unlikely and if not possible we can approve by 14 Feb. for a 5 day early close ballot.
12. Chair presents slide 29, General Discussion Items
	1. The EC ballot on the 5GAA comments passed, now to get PDF done, 802 chair okay and uploaded.
13. Chair presents slide 30, Actions Required
	1. Send in inputs on the U.S. DoT V2X comments.
		1. (and review EC Draft law for points to add to DoT comments)
	2. Send in comment text on ACMA consultation that had 60GHz.
14. Chair presents slide 31, Any Other Business
	1. Next f2f is Plenary in Vancouver, BC, Canada from 11 March 2019.
		1. Registration is open.
	2. Straw Poll
15. How many people would like to come back to this St. Louis venue?

Yes - 0 If not in winter: Yes - 0 and another Yes - 10

No - 10 No - 10 Hotel? No - 0

(rooms were marginal) (e.g. Union Station)

Like the Social – 8

Disliked the Social – 1

Did not go to Social – 1

1. Chair presents slide 32, Adjourn
	1. Next teleconference: 31 Jan 2019 – *15:00 – <15:55* ET
		1. No teleconference on 24 Jan 2019.
		2. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-11-0000-teleconference-call-in-info.pptx> (*or latest) (note: new call in for 2019)*
		3. Note: If the call-in link doesn’t work send the Chair an email right away.
		4. All changes/cancellations will be sent out to the 802.18 list server.
	2. Adjourn:
		1. Agenda complete, any objection to Adjourn.
		2. None heard, we are Adjourned at 8:55 ET
	3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802 11-15 March 19 the Plenary in the Hyatt Regency Vancouver and Fairmont Hotel Vancouver, Vancouver, BC, Canada
		1. Time slots, Tuesday AM2 and Thursday AM1

**Tuesday:**

|  |  |  |
| --- | --- | --- |
| v | Berens, Friedbert | FBConsulting Sarl |
| v | Boldy, David | Broadcom Corporation |
| v | de Vegt, Rolf | Qualcomm Incorporated |
| v | Ecclesine, Peter | Cisco Systems, Inc. |
|  | Fang, Yonggang | ZTE TX Inc |
|  | Fischer, Michael | NXP Semiconductors |
| v | Hiertz, Guido | Ericsson AB |
| v | Holcomb, Jay | Itron Inc. |
| v | Jeffries, Timothy | Huawei Technologies Co. Ltd |
|  | Kenney, John | TOYOTA InfoTechnology Center U.S.A. |
| v | Kerry, Stuart | OK-Brit |
| v | Lepp, James | BlackBerry |
|  | Levy, Joseph | InterDigital, Inc. |
|  | Max, Sebastian | Ericsson AB |
| v | Palm, Stephen | Broadcom Corporation |
| v | Petranovich, James | ViaSat, Inc. |
|  | Sadeghi, Bahareh | Intel Corporation |
| v | Sato, Naotaka | Sony Corporation |
|  | SAUER, PETER | Microchip Technology, Inc. |
|  | Sherlock, Ian | Texas instruments |
|  | Sun, Bo |  | ZTE Corporation |
|  | Toledano, Ron | Autotalks |
| v | YAGHOOBI, HASSAN | Intel Corporation |

**Thursday:**

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| v | Boldy, David | Broadcom Corporation |  |
| v | Ecclesine, Peter | Cisco Systems, Inc. |  |
| v | Godfrey, Tim | Electric Power Research Institute, Inc. (EPRI) |  |
| v | Hiertz, Guido | Ericsson AB |  |
| v | Holcomb, Jay | Itron Inc. |  |
| v | Kerry, Stuart | OK-Brit |  |
|  | Max, Sebastian | Ericsson AB |  |
| v | Petranovich, James | ViaSat, Inc. |  |
|  | SAUER, PETER | Microchip Technology, Inc. |  |
|  | Sherlock, Ian | Texas instruments |  |
| v | YAGHOOBI, HASSAN | Intel Corporation |  |