IEEE P802.15

**Wireless Personal Area Networks**

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| Project | Dependability Interest Group |
| Title | **Meeting Minutes for March 2017**  |
| Date Submitted | March 14, 2017 |
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| Re: | Meeting Minutes |
| Abstract |  |
| Purpose | Minutes of Dependability Interest Group sessions |
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**Tuesday, March 14, 2017, PM1, 13:30**

* 1. Meeting called to order 13:50

By Chair Ryuji Kohno (YNU / CWC-Nippon)

Secretary Jussi Haapola (Centre for Wireless Communication / University of Oulu)

* 1. Roll Call

Notepad for Attendance circulated.

* 1. Opening Report
* Ryuji presented doc #167
* Minutes of the November meeting doc #16-0796r1 were approved with typo corrections.
	1. Overview of IG DEP activities
* Ryuji presented doc #176
	1. Updated Use Cases
* Ryuji presented doc #16-0777
	1. Plan for Tutorial
	2. Update technical requirements
* Jussi presented doc #16-0557r1
* Started updating portions in red.
	1. Recess

Recessed at 15:24

* 1. Attendees



**Tuesday, March 14, 2017, PM2, 16:00**

* 1. Meeting called to order 16:50
	2. Roll Call
	3. Update technical requirements
* Doc #16-0557r1
* Updating portions in red.
* Uploaded doc #16-0557r3.
	1. Recess at 5:30
	2. Attendees



**Thursday, March 16, 2017, AM1, 08:00**

* 1. Meeting called to order 08:03
	2. Roll Call
	3. Discussion on possible collaboration with other groups
* Ryuji presented FFPJ 802.1 docs [new-maruhashi-general-industrial-usage-part1-0317-v00.pdf](http://www.ieee802.org/1/files/public/docs2017/new-maruhashi-general-industrial-usage-part1-0317-v00.pdf) & [new-itaya-general-industrial-usage-part2-0317-v00.pdf](http://www.ieee802.org/1/files/public/docs2017/new-itaya-general-industrial-usage-part2-0317-v00.pdf)
* Discussion on including factory automation into IG Dependability scope
	+ If the scope does not spread out too much, then possible.
	+ It is not entirely clear what are the features expected from the above documents and what is missing currently in IEEE 802 wireless standards.
	+ Ryuji to send the IG DEP CFI to the parties and ask for detailed response and ask them to participate.
	1. Updating technical requirements
* Revised doc 16-0557 as r4
* Need to define QoS levels and what are the requirements for them, not only in terms of delay but also from other characteristics, e.g. data rate, disconnection ratio, etc.
* Need to survey exiting 802 QoS definitions and find the commonalities and their methods on QoS provisioning. For example, 802.15.6 QoS (UPs) only affect the contention probability selection.
* Three cases for QoS provisioning: factory automation, internal car network, and inter-vehicle network.
* Factory automation QoS: FFPJ docs
* Internal car network: CAN and LIN buses
* Inter-vehicle network: IVC, IEEE 1609 standards as reference.
	1. Future telcos
* Once responses from FFPJ regarding CFI questions have been received, telcos will be organized to discuss on collaboration opportunities.
* Discuss QoS level definitions.
* Tutorial details.
	1. AoB
	2. Adjourn at 09:58
	3. Attendees

