



**TELECOMMUNICATIONS
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Approved by General Counsel

TR-51 Meeting Report

Date: 10/11/11

Location: Teleconference

Approved: 12/16/11



**MEETING REPORT
TIA TR-51 Smart Utility Networks
Tuesday October 11, 2011**

Presiding: Mike Lynch, MJ Lynch Associates

1. Call to Order

The meeting was called to order by Mike Lynch (MJ Lynch Associates) at 10:28 AM CDT.

John Notor, Smart Utility Network Alliance, was asked to act as Secretary for this meeting, which he agreed to do.

2. Attendee Introductions and E-Sign-In

The attendees in the room and on the call introduced themselves. They were directed to use the e-roster systems to sign-in to the meeting, as well as GoToMeeting if they were attending remotely. See Annex A for the list of attendees to this meeting.

Quorum was established with 10 of 17 member companies present.

3. Chairs remarks

In his opening remarks Mike Lynch thanked the attendees and noted that the group would be reviewing a technical presentation.

4. Intellectual Property Rights

The attendees were directed to note the IPR statement on the agenda and requested to make it known if there are any patents related to the work of the committee.

5. Review and Approve Agenda

The draft agenda, distributed as contribution draft agenda, was reviewed and approved without objection.

6. Review and Approve Sept 2011 Meeting Report

The draft meeting report, distributed as contribution TR51-20110906-008_Draft meeting report Sept_2011, was reviewed. After minor edits the report was approved as TR51-20110906-008_Draft meeting report Sept_2011_r2.doc.

7. Technical Contributions – Layer 1

Kunal Shah presented an update to the Layer 1 presentation, TR51-20111011-004 Layer1 Updated_Text.pdf. The changes reflected changes to the updated draft in circulation in IEEE 802 with respect to the draft amendment IEEE 802.15.4g.

There were questions and clarifications by various attendees.

8. Technical Contributions – Layer 2

The Chair moved to document TR51-20111011_003_Layer-2-Draft-1pre1.pdf. Ben Rolfe of Blind Creek Associates presented the document. Ben added line numbers to the Seattle draft and a few other minor edits.

There were questions and clarifications by various folks in the room as well as on the phone. Larry Taylor, Discrete Time Communications, asked about the process for editing documents. Ben Rolfe has created a comment spreadsheet for tracking comments.

Christina Seibert made some suggestions regarding numbering paragraphs in the document.

There was discussion about comments and timing of comments. Ben Rolfe suggested that comments are submitted the week before the December meeting in Hawaii on December 14-15, 2011. The Chair suggested comments be provided by November 21, 2011.

Jay Ramasastry suggested creating an Ad Hoc group to edit the document based on comments and produce an updated draft before the December meeting.

Larry Taylor suggested creating a TIA email reflector for TR-51. Larry suggested comments that required more detailed discussion be aired on the reflector to allow more input before the next meeting.

Phil Beecher pointed out there was a general TIA TR-51 in existence, but the point would be to have a layer 2 specific reflector. The Chair agreed to talk to TIA staff about setting up a specific reflector.

Cristina Seibert suggested moving the comment submission deadline date to early December. The Chair suggested December 5, 2011. The question of comment resolution came up. It was

suggested that the resolution process by exchange of views via Layer 2 email reflector. There was no objection to this approach.

The Chair took the action to set up a Layer 1 and a Layer 2 reflector, working with TIA staff.

Next Chin Sean Sum, NICT, presented TR51-20111011-005_NICT Contribution to TIA TR-51 Oct2011 Telecon.pdf.

There were several detailed questions and comments from the group, including comments on band switching mechanisms, and on the discovery process and the related nomenclature in the presentation. People commenting included Jay Ramasastry, Cristina Seibert, and Larry Taylor.

Chin Sean Sum responded to each person's comments/questions.

9. Liaisons

Phil Beecher, Beecher Communications Consultants Ltd., provided an update to OpenSG activities. Phil sent an email about coming activities to the TR-51 reflector.

Phil Beecher then provided an update to NIST SGIP activities. Phil sent an email to the TR-51 reflector on SGIP activities, and answered questions from the group.

Octavio Lima, Ericsson, presented an update of TR-50 activities. TR-51 was supposed to receive a liaison on the recent activities, but this did not happen. There are ongoing discussions about security in TR-50, and whether to open a new project or not.

Hiroshi Harada, NICT, provided an update regarding ARIB activities in Japan, specifically on the proposed transition from 950 MHz to 920 MHz for Smart Grid. There is no formal announcement of this change, so Hiroshi expects to see some additional delay in finalizing this proposed change. Hiroshi thinks the announcement will be in December 2011.

Larry Taylor reported on ETSI M2M activities. ETSI is formulating a specification based on IEEE 802.15.4g, PHY and MAC.

10. Next Meeting

The next meeting will be in Kona HI on December 14-15, 2011, as previously approved. There were comments from Ben Rolf about meeting times. The plan is to start early on December 14, and continue through end of day December 15. Details on hotel are not finalized, the meeting will be in Kona itself.

11. Adjournment

There being no further business, the meeting was adjourned at 12:07 PM CDT.

This meeting was conducted in accordance with the TIA Engineering Manual and Legal Guide.

Submitted by
John Notor, Smart Utility Network Alliance
Acting Secretary

ANNEX A

Attendees to TR-51 October Teleconference Meeting:

Attendee	Company / Representing
*Kent, Jeritt	C: Analog Devices, Inc.
*Beecher, Phil	C: Beecher Communications Consultants Ltd
*Rolfe, Benjamin	C: Blind Creek Associates
*Taylor, Larry	C: DTC (UK)
Lima, Octavio	C: Ericsson Inc.
Ramasastry, Jay	C: Silver Spring Networks
*Harada, Hiroshi	C: NICT
*Wu, Deh Min Richard	C: Nokia Siemens Networks
*Shah, Kunal	C: Silver Spring Networks
*Notor, John	C: Smart Utility Network Alliance
*Seibert, Cristina	C: Silver Spring Networks
Lynch, Michael	C: MJ Lynch Associates
Kojima, Fumihide	C: NICT
Sum, Chin Sean	C: NICT