Approved by General Counsel

TR-51 Meeting Report

Date(s): 07/12/2012 - 07/12/2012

Location: Teleconference

Approved: 09/18/2012

MEETING REPORT
TIA TR-51 Smart Utility Networks
Tuesday, July 12-13, 2012, 9:00 AM CDT, Conference Call

Presiding: Michael J. Lynch, MJ Lynch & Associates

1. **Call to Order**

   The meeting was called to order by the Chair, at 9:07 AM CDT, on July 12, 2012.

   John Notor, Smart Utility Network Alliance, is the Secretary for TR-51.

2. **Attendee Introductions and E-Sign-In**

   The attendees introduced themselves. They were directed to use the e-roster systems to sign-in to the meeting.

   Remote participants used the GoToMeeting service made available for this purpose**.**

   See Annex A for the list of attendees to this meeting.

   Quorum was established with 10 of 10 member companies present.

3. **Chairs remarks**

   The Chair offered brief opening remarks.

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 agenda, TR51-20120712-002_Meeting_Agenda.doc, was reviewed and approved without objection.

6. **Review and Approve the July 5, 2012, Meeting Report**

The July 5, 2012, meeting report, TR51-20120705-003_meeting_report_for_July_5_2012.doc, was reviewed and approved without objection.

7. **Technical Contributions – Layer 1**

The Chair reported that the TIA has signed the MOU with IEEE, IEEE is the process of signing now. The Chair will contact IEEE with the cross reference of copyrighted material in L1 derived from IEEE 802.15.4 and proceed from there.

8. **Technical Contributions – Layer 2**

Phil Beecher, Beecher Communications Consultants, Ltd, introduced the Layer 2 discussion. Larry Taylor, Discrete Time Communications, described the current status of the draft, and changes made since the last L2 Ad Hoc, working through the comment spreadsheet, ANSI_TIA-PN4957_200_d1 Consolidated Comments 0v193.xlsx, and the changes to the current draft, ANSI_TIA-PN4957_200_d2 0v193.pdf.

Larry reported that all comments have been addressed and draft 0v193 edits are up to date.

Larry discussed a possible edit in connection with the Channel Function and Operating Class as a possible change.

Phil Beecher opened the discussion to comments. Larry Taylor took questions and replied to the questions/comments. There was considerable discussion about Information Element ID assignments and the relationship between the IEEE 802.15.4 approach and the TR-51 approach. The proposed approach was clarified at the end of the discussion.

The Chair extended the call to 10:30 AM CDT, and the meeting continued, discussing the edits proposed by Larry Taylor to the to the Channel Function text. There was some discussion about this issue focused on clarifying the details.

The Chair recessed the meeting at 10:03 AM CDT.

The Chair reopened the meeting at 10:18 AM.

There was a continuation of the discussion about how to handle the definition of the Channel Function text related to the channel table and the operating class.

A proposal was made to recess the meeting until Friday July 13, at 9:00 AM CDT. The Chair agreed to recess the meeting until that time.

The Chair recessed at 10:39 AM until Friday July 13, 2012, at 9:00 AM CDT.

The Chair reconvened the meeting on Friday July 13, 2012, at 9:03 AM CDT.

The Secretary verified that a quorum, 7 of 10 member companies, were present.

The Chair turned the meeting over to Phil Beecher, who, in turn, turned the meeting over to Larry Taylor to present the updates to the Comment Spreadsheet, ANSI_TIA-PN4957_200_d1 Consolidated Comments 0v194.xlsx, and the L2 Draft, ANSI_TIA-PN4957_200_d2 0v1942.pdf.

Larry discussed the changes made to the draft related to the Channel Function.

There was a consensus on the call that these changes were appropriate.

Larry sent updated documents to the Secretary who posted them.

Motion: To approve a 30 day re-ballot for the Layer 2 specification, ANSI_TIA-PN4957_200_d2 0v195.pdf.

Moved: SUNA
Second: Beecher Communications Consultants, Ltd.
Discussion: None
Vote: 7 **Yes** 0 **No** 0 **Abstain**
Motion Passed

9.   **Technical Contributions – Layer 3, Layer 4**

John Notor, Smart Utility Network Alliance, reported that the project approvals for the Layer 3 and Layer 4 additions to the base standard had been requested and received from TIA.

10.   **Liaisons**

Phil Beecher, Beecher Communications Consultants Ltd., provided an update to OpenSG and NIST SGIP activities. Of note is the fact that SGIP is no longer funded as a NIST activity.

11.   **Other Business**

The Chair reported that OneM2M, a 3GPP-like organization, is having a meeting next week. The Chair plans to follow up on the copyright issues related to the L1 specification with the IEEE SA.

12.   **2012 Meeting Schedule**

The meeting schedule going forward was reviewed. The Chair discussed the possibility of a meeting after the scheduled September face to face meeting.

The Secretary suggested that the July 19 teleconference meeting be cancelled. There were no objections, so it was cancelled.

13.   Adjournment

There being no further business, the Chair adjourned the meeting at 9:43 AM CDT.

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

Submitted by
John Notor, Smart Utility Network Alliance
TR-51 Secretary

ANNEX A

Attendees to the TR-51 July 12, 2012 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.
Lynch, Michael	C: MJ Lynch & Associates
Shah, Kunal	C: Silver Spring Networks
San Filippo, Will	C: Silver Spring Networks
Herbst, Tom	C: Silver Spring Networks
Notor, John	C: Smart Utility Network Alliance
Kojima, Fumihide	C: NICT
Mulligan, Geoff	C: Proto6 LLC