



**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

HEADQUARTERS

2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
+1.703.907.7700 MAIN
+1.703.907.7727 FAX

D.C. OFFICE

10 G Street, N.E.
Suite 550
Washington, DC 20002
+1.202.346.3240 MAIN
+1.202.346.3241 FAX

tiaonline.org

Approved by General Counsel

TR-51 Meeting Report

Date(s): 06/05/2012 - 06/05/2012

Location: Dallas, TX

Approved: 06/26/2012



**MEETING REPORT
TIA TR-51 Smart Utility Networks
Tuesday June 5, 2012**

**The Gaylord Texan
Grapevine, TX**

Presiding: Phil Beecher, Beecher Communications Consultants Ltd

1. Call to Order

The meeting was called to order by Phil Beecher, acting in his capacity as Vice Chair, at 9:45 AM, on June 5, 2012.

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

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.

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 7 of 9 member companies present.

3. Chairs remarks

Phil Beecher 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, TR51-20120605-002_Meeting_Agenda.doc, was reviewed, modified and approved without objection.

6. Review and Approve April 2012 Meeting Report

The April 2012 meeting report was approved at the end of the April 2012 meeting, so no additional action was needed.

7. Technical Contributions – Layer 1

The Chair, along with Cheryl Blum, TIA, reviewed the state of agreements between the IEEE SA and TIA regarding the copyright permissions requested for material from the IEEE 802.15.4 standard and amendments used in the Layer 1 specification.

TIA and the IEEE SA have nearly completed a Memorandum of Understanding (MOU), and, subject to the completion of the MOU, will draft and adopt a copyright agreement. Once the copyright agreement is complete, the Layer 1 specification will go to publication.

8. Technical Contributions – Layer 2

The Chair reported that the Layer 2 specification was still in balloting, and that meetings needed to be scheduled after the ballot closes on June 10 to address comments and re-ballot the draft. The meeting schedule needed to include Ad Hoc L2 subcommittee meetings and full TR-51 meeting. The Chair took an action to schedule L2 Ad Hoc meetings. Scheduling of full TR-51 meetings was postponed until item 13 on the agenda.

Larry Taylor, Discrete Time Communications (DTC), presented TR51-20120605-004_MHDS_Sub-Layer_Proposal_1v0.ppt, which gives an overview of the proposed draft specification Multi-Hop Delivery Specification of a Data Link Sub-Layer for TR-51, which is contained in document TR51-20120605-005-Multi-Hop Layer 2_Sub-Layer_Draft_Specification_1v0.pdf.

Larry answered questions about the presentation and also reviewed the draft specification briefly.

The draft Multi-Hop Delivery Specification of a Data Link Sub-Layer for TR-51 will be a new draft chapter added under the Layer 2 specification.

After a brief discussion, it was agreed to allow time for participants to review the document prior to a teleconference discussion about going to ballot at one of the upcoming TR-51 meetings.

The Chair recessed the meeting at 11:25 AM. The Chair called the meeting back to order at 11:35 AM.

9. Technical Contributions – Layer 3

The Chair introduced Geoff Mulligan, Proto6 LLC. Geoff is the IPSO Alliance Chair, and is Chair of the 6Lowpan group within IETF. Geoff presented document TR51-20120605-006_IP_Over_FOO.ppt summarizing the features of the 6Lowpan specification.

Geoff answered several questions about the document and the work of 6Lowpan.

10. Liaisons

Phil Beecher, Beecher Communications Consultants Ltd., provided an update to OpenSG and NIST SGIP activities.

Phil reported that OpenSG was shrinking in attendance, and that the key question for the future is “what should OpenSG be doing now?”. The next OpenSG meeting is in Cincinnati, OH, USA, on June 25, 2012.

Phil reported on NIST SGIP activities, pointing out that public, i.e., US Government, funding of NIST SGIP was coming to an end, and that the SGIP is moving towards a paid membership model. The final form of the new model is still in discussion. The next NIST SGIP meeting is in Portland, OR, USA, July 10-12, 2012.

Octavio Lima, Ericsson, provided an update regarding TR-50 activities. TR-50-1 has been disbanded, project numbers have been changed, and the work agenda is being reviewed.

Hiroshi Harada, NICT, reported that ARIB had no new activity of interest to TR-51.

Stephanie Montgomery, TIA, presented documents TR51-20120605-007-120530-48_CCSC correspondence to Chairs re Cloud Standards Support.pdf, and TR51-20120605-008-120530-48a_NIST CC Reference Architecture.pdf, giving a brief overview of the TIA’s investigations related to cloud computing and the impact on TIA standards.

11. Other Business

The Chair returned briefly to the discussion of agreements between the TIA and the IEEE SA.

12. 2012 Meeting Schedule

The meeting schedule going forward was reviewed.

The group agreed that both L2 Ad Hoc and TR-51 meetings need to be scheduled. It was left to the L2 Chair to set up Ad Hoc meetings after the closing date for the L2 ballot, coming up on June 10, 2012.

The Chair proposed a TR-51 teleconference meeting to be held on June 21 or June 22, the specific date, and time, to be scheduled in concert with Michael Lynch, MJ Lynch & Associates.

The motion was moved by Beecher Communications Consultants Ltd and seconded by Smart Utility Network Alliance. There was no discussion. The motion passed by unanimous consent.

The Chair proposed scheduling an additional TR-51 teleconference meeting on June 28, 2012, the specific times to be scheduled in concert with Michael Lynch. The motion was moved by Discrete Time Communications and seconded by Smart Utility Network Alliance. There was no discussion. The motion passed by unanimous consent.

13. Adjournment

There being no further business, the meeting was adjourned at 12:36 PM.

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 June 2012 Meeting:

Attendee	Company / Representing
Beecher, Phil	C: Beecher Communications Consultants Ltd
Rolfe, Benjamin	C: Blind Creek Associates
Taylor, Larry	C: DTC (UK)
Lima, Octavio	C: Ericsson Inc.
Harada, Hiroshi	C: NICT
Shah, Kunal	C: Silver Spring Networks
Notor, John	C: Smart Utility Network Alliance
Montgomery, Stephanie	C: TIA
Kojima, Fumihide	C: NICT
Mulligan, Geoff	C: Proto6 LLC
Blum, Cheryl	C: TIA