Approved by General Counsel

TR-51 Meeting Report

Date(s): 06/21/2012 - 06/21/2012

Location: Teleconference

Approved: 07/06/2012

MEETING REPORT
TIA TR-51 Smart Utility Networks
Thursday June 21, 2012
Recessed on June 21, Continued on Thursday June 28, 2012

Teleconference Meeting

Presiding: Michael Lynch, MJ Lynch & Associates
and Phil Beecher, Beecher Communications Consultants Ltd.

1.   **Call to Order**

The meeting was called to order by the Chair, Michael Lynch, at 9:15 AM CDT on June 21, 2012.

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

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

The attendees on the call were directed to use the e-roster systems to sign-in to the meeting.

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 6 of 9 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, TR51-20120621-002, was reviewed and approved without objection.

6.   Review and Approve June 5, 2012, Meeting Report

The June 5 meeting report was reviewed and approved by unanimous consent.

7.   Technical Contributions – Layer 2 Comment Resolution and Decision on Recirculation

Phil Beecher, Beecher Communications Consulting, Ltd, presented the status of the comments. All commenters voted yes, with comments.

Larry Taylor, DTC, reviewed the comment summary process. Most commenters created comments in spreadsheet form, or near spreadsheet form. The comments are contained in ANSI_TIA-PN4957_200_d1 Consolidated Comments_0v14.xls. Larry explained the layout of the comment spreadsheet and the mechanics of the process.

Larry explained that he had dealt with most of the comments, but had some additional work to be done to complete comment resolution. A final edited draft is not yet available.

Larry reviewed the technical comments with the group, pointing out the issues that required additional work.

Larry and Phil pointed out that Layer 2 may need to include support for security, or at least that needs to be considered. Michael Lynch, MJ Lynch & Associates, suggested that security was outside the scope of the TR-51 effort, and the TR-51 specification focuses on the transport of data, and security is added above the transport layer. Phil and Larry agreed, but said that some statement needs to be made in the specification about the security issue.

Phil proposed posting the updated comments spreadsheet, and then allowing people to review the comments, then take up the discussion of comments at the next meeting time.

Discussion of the new draft document, with comments in track changes mode, is still in process. Sum (NICT) submitted draft inputs on power savings, which may be incorporated into the draft.

Phil Beecher will set up a call for a Layer 2 Ad Hoc meeting sometime next week, June 25-29, 2012. Larry Taylor suggested that a final reviewable draft will be available in about 2-3 weeks.

8.   Technical Contributions – Layer 2 Multi-hop Draft

Phil Beecher presented the status of the Multi-hop Draft. Phil pointed out that there were a few comments. John Notor pointed out that he had not had chance to submit comments. Tom Herbst stated that he did not have an opportunity either.

Phil Beecher suggested that we go to ballot.

John Notor asked if all of the mechanics of going to ballot, including project numbers, etc. He suggested that we could wait to the next meeting, and verify that the project details are complete.

The Chair assigned the process of making sure everything is ready to John Notor, and the proposal is to go to ballot on June 28, 2012.

9.   Technical Contributions – Layer 1 Publication Status

The Chair presented the publication status of Layer 1, which has been approved.

The Chair pointed out the process needed to complete agreement with IEEE 802. The process is still evolving.

The Chair hopes that everything related to resolving copyright issues with IEEE 802 will be completed in July 2012.

10.   Next Meetings

The Chair opened the discussion of future meetings. Larry Taylor proposed setting up a meeting about 14 days out. The date proposed is July 5, 2012 for a teleconference, time 9 AM to 10 AM CDT.

The Chair said he would contact TIA and set up the meeting.

11.   Any Other Business

The Chair opened the discussion of any other business. No business was introduced.

12.   Meeting Recess

The Chair proposed recessing this teleconference meeting until June 28, 2012, 9 AM to 10 AM CDT. The proposal was accepted by unanimous consent.

The meeting was recessed at 9:28 AM until Thursday June 28, 2012, at 9 AM CDT.

The meeting was reconvened on Thursday June 28, 2012, at 9:13 AM CDT by Phil Beecher, Vice Chair, acting as Chair.

13. **Attendance**

Quorum was established with 5 of 9 member companies present.

14. **Multi-hop Section of document**

After a brief discussion, the following motion was made:

Motion: To open a new ANSI project on Multi-Hop Delivery Specification of a Data Link Sub-Layer as a subpart in the TIA-4857.200 series.

Moved: Beecher Communications Consultants Ltd
Second: Smart Utility Network Alliance
Discussion:
Vote: 5 **Yes** 0 **No** 0 **Abstain**
Motion Passed

15. **Comment Resolution on L2**

The Chair moved on to the comment resolution for the L2 draft.

There are a number of comments that still need to be resolved at this time. The discussion focused on those items.

The Chair suggested an Ad Hoc meeting on Monday July 2 for L2 comment resolutions, with follow up review and move to draft recirculation on the scheduled July 5 TR-51 conference call. Larry Taylor, DTC, agreed that the schedule is feasible.

There was agreement on holding the Ad Hoc. The Chair suggested 6 AM PDT as the starting time. There was general agreement on this time. The meeting time was estimated at 90 minutes to 2 hrs.

16. **Any Other Business**

The Chair suggested setting up a conference call in about two weeks time. The Chair suggested the next meeting be on July 12 at 7 AM PT. There were no objections to the proposed meeting.

Motion: The Chair suggested the next TR-51 meeting be on July 12 at 7 AM PDT.

Moved: Beecher Communications Consultants Ltd
Second: Silver Spring Network
Discussion: None
Approved by unanimous consent.

There was discussion about an additional face to face meeting prior to the scheduled September TR-51 meeting, but it was generally agreed to postpone discussion on additional face to face meetings until a later time.

17.   Adjournment

The meeting was adjourned at 9:50 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 June 21 , 2012 Teleconference Meeting, Continued on June 28, 2012:

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.
Kent, Jerritt	C: ADI
Harada, Hiroshi	C: NICT
Lynch, Michael	C: MJ Lynch & Associates
Herbst, Tom	C: Silver Spring Networks
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
Sum, Chin Sean	C: NICT