

Approved by General Counsel

TR-34.1 Meeting Report

Date(s): 04/01/2010 - 04/01/2010

Location: TIA Headquarters

Approved: 04/04/2013

TITLE: TR 34.1 Meeting Report
April 1, 2010

DATE: October 28, 2010

SOURCE: Hughes Network Systems, Inc.

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RECOMMENDATION: Review and Approve

**TR 34.1 Working Group
IP OVER SATELLITE (IPoS)
MEETING REPORT
October 28, 2010**

1. Call to Order and Introduction

The IPoS Working Group, TR 34.1, met on Thursday, April 1, 2010 at TIA's headquarters, 2500 Wilson Blvd., Arlington, Virginia. The Chair welcomed the participants and called the meeting to order at approximately 9:00 a.m.

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

2. Attendance Registration

The meeting was attended by the following:

Company	Name & Mailing Address	Phone #, Fax #, Email
iDirect (by teleconference)	Erup, Lars 13865 Sunrise Valley Drive Herndon, VA 20171	P: 450-218-2797 F: N/A E: lerup@idirect.net
Hughes Network Systems	Noerpel, Tony 11717 Exploration Lane Germantown, MD 20876	P: 301-601-7449 F: 301-428-5682 E: anthony.noerpel@hughes.com
ViaSat, Inc. (By teleconference)	Chitre, Prakash 20511 Seneca Meadows Parkway Germantown, MD 20876	P: 240-686-4420 F: 240-686-4810 E: prakash.chitre@viasat.com
Terrestar	Robinson, Rhys 12010 Sunset Hills Road Suite 600 Reston, VA 20190	P: 703-483-7850 F: 703-476-7143 M: 703-618-7759
Advantechamt (by teleconference)	John Landovskis 2341 boul. Alfred-Nobel Saint-Laurent, QC H4S 2A9	514-335-3550 Ext. 3092 E: John.Landovskis@advantechamt.com
Anagran (by teleconference)	Larry Roberts	E: lroberts@anagran.com

Quorum was achieved.

Apologies received from

Company	Name & Mailing Address	Phone #, Fax #, Email

3. Review and Approval of the Agenda

The proposed agenda, contribution 04.01.01, was approved.

4. Introduction and Numbering of Contributions

Contributions and associated numbers received for this meeting were the following:

Number	Title	Source	Notes/Disposition
04.01.01	Meeting_Notice_Agenda	A.Noerpel HNS	Approved
04.01.02	IPoS Meeting Report	A.Noerpel HNS	Review & approve
04.01.03	Consolidated_NIST_Wireless_C haracteristics_Matrix-V3.xls	A.Noerpel HNS	Information
04.01.04	TIA 1039 - Adding Security.ppt	Larry Roberts Anagran	Information
04.01.05	ETSI EN_30257401v010100c	A.Noerpel HNS	Information
04.01.06	ETSI EN_30257402v010100c	A.Noerpel HNS	Information
04.01.07	ETSI EN_30257403v010100c	A.Noerpel HNS	Information

5. Review and Approval of Previous Meeting Report

The meeting report, contribution 04.10.02, was approved.

6. Correspondence and Liaisons

Tony Noerpel (Chair) presented an oral ETSI meeting report identifying mobile satellite activities and meetings of ETSI SES MSS working group including the most recent meeting MSS #7 in Toulouse, France on February 2-5. MSS activities include new air interface specifications and S-band emissions requirements. S-band emissions requirements have been approved at the SES plenary level and have completed public enquiry. A few technical issues were noted. Next meeting is May 20-21, Cambridge, England.

Tony Noerpel (Chair) presented an oral ETSI meeting report identifying fixed satellite activities and meetings of ETSI SES BSM working group including the recent meeting BSM #42 in Toulouse, France on February 2-5. Next meeting is May 20-21 Cambridge England.

Lars Erup reported on DVB. Progress had been made on new DVB-RCS standards. This working group is being chaired by Harald Skinnemoen. The recent meeting of DVB-RCS #60 March, Barcelona, Spain was attended by Tony Noerpel, HNS representing TIA as well and by Lars Erup, iDirect representing TIA as well. Release of consumer profile standard targeted for release end of this year. Should include management and control planes for added interoperability. Good progress on the standard is being made.

John Landovskis reported on Satlabs. Certification testing for DVB terminals has been completed up to version 2.1. A test plan exists for validation of HUBs as well. Release 2 of test bed targeted for end of this year.

Tony reported that ITU approved of GMR-1 3G as a IMT 2000 satellite air interface standard.

7. Ballot Results

TR 34.1 approved unanimously joint publication of suite of GMR-1 3G air interface standards recently published by ETSI as ETSI TR in last meeting but the rapporteur, tony Noerpel suggested postponing the TIA standard since a new version is being reviewed in ETSI which will include minor corrections associated with in orbit testing and in service performance.

8. Working Group Activities

GMR

GMR-1 3G has been approved.

Cross publication of other ETSI MSS standards to be pursued.

IPoS

No activity

C2P

No activity

DVB

Lars reported on a new standard for DVB-RCS-2 or next generation.

9. New Business

Prakash Chitre recommended we solicit suggestions from members for new work activities for the new year and solicit new members.

Tony Noerpel reported on NIST Smart Grid activities and representation of TIA 34. Also introduction of satellite communications as viable for smart grid applications.

A new work item for update of existing TIA 1039 standard was approved with Larry Roberts of Anagran approved as rapporteur for the document. Prakash Chitre and Tony Noerpel made the presentation for the work item.

10. Review of Assignments from February, 2008 Meeting

- HNS rep. to update the star mesh proposed specification for TIA-1008A. progress.
- The Chair to initiate new work items to bring the TIA GMR specification in line with the ETSI versions. progress
- The chair to pursue making S-band emissions documents from ETSI SES MSS available to TIA TR34.1. progress
- The chair to work with TIA to complete liaison with DVB. completed
- The chair to initiate ballot for GMR-1 3G specifications. postponed

11. Future Work and Assignments

- The chair to upload S-band emissions documents from ETSI SES MSS to TIA TR34.1.
- The chair to contact Larry Roberts wrt approval of TIA 1039 update. completed
- The chair to pursue making S-band emissions documents from ETSI SES MSS available to TIA TR34.1.
- The chair to initiate ballot for GMR-1 3G specifications.
- The Chair and Lars Erup to continue as liaison to DVB-RCS
- John Landovskis to continue as liaison to SatLabs
- Larry Roberts to initiate the new work item in TIA and get a number assigned to it.

12. Future Meetings

The Working Group agreed to meet on the second Thursday of September 9, 2010 but also agreed that pending related developments in ETSI or DVB to potentially hold a special meeting via teleconference before that date if required or requested by any member.

13. Adjournment

The meeting was adjourned at 10:00 a.m., April 1, 2010.

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