



**TELECOMMUNICATIONS
INDUSTRY ASSOCIATION**

HEADQUARTERS
2500 Wilson Boulevard
Suite 300
Arlington, VA 22201-3834
+1.703.907.7700

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

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Approved by General Counsel

TR-34.1 Meeting Report

Date: 10/28/10

Location: Arlington, VA

Approved: 09/21/11

TITLE: TR 34.1 Meeting Report
October 28, 2010

DATE: September 22, 2011

SOURCE: Hughes Network Systems, Inc.

AUTHOR: Tony Noerpel (HNS)
Phone: 301-601-7449
Email: anthony.noerpel@hughes.com

RECOMMENDATION: Review and Approve

**TR 34.1 Working Group
IP OVER SATELLITE (IPoS)
MEETING REPORT
September 22, 2011**

1. Call to Order and Introduction

The IPoS Working Group, TR 34.1, met on Thursday, October 28, 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.

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TIA's patent policy can be found in the TIA Engineering Manual (5th edition). Participants in the work of the TIA Formulating Group are urged to review this policy. Participants are encouraged to notify TIA of any patents of which they are aware that are related to the practice of a TIA publication early on in the development of the TIA document to reduce the possibility for delays in the development process and increase the likelihood that the draft TIA publication will be approved for publication. Patent searches are not required to comply with the TIA IPR policy. Moreover, the Engineering Manual describes the need for members' disclosure of patents that are essential to practice TIA publications and for members to provide an indication of their willingness to license any known patents.

2. Attendance Registration

The meeting was attended by the following:

Company	Name & Mailing Address	Phone #, Fax #, Email
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
Anagran	Larry Roberts	E: lroberts@anagran.com

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Appologies received from

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

3. Review and Approval of the Agenda

The proposed agenda, contribution 10.10.01, was approved.

4. Introduction and Numbering of Contributions

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

Number	Title	Source	Notes/Disposition
10.10.01	Meeting_Notice_Agenda	A.Noerpel HNS	Approved
10.10.02	IPoS Meeting Report	A.Noerpel HNS	Review & approve
10.10.03	Draft version of TIA TR 1039A	Larry Roberts Anagran	approval
10.10.04	TIA 1039 A updates.ppt	Larry Roberts Anagran	Information
10.10.05	ETSI EN_30257401v010100c	A.Noerpel HNS	Information
10.10.06	ETSI EN_30257402v010100c	A.Noerpel HNS	Information
10.10.07	ETSI EN_30257403v010100c	A.Noerpel HNS	Information

5. Review and Approval of Previous Meeting Report

The meeting report, contribution 10.10.02, 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 #9 in Wessling, Germany on October 2-5. MSS activities include new air interface specifications and S-band and XL band emissions requirements. S-band emissions requirements have been approved at the SES plenary level and have completed public enquiry. XL-band emissions have been approved at the working group level and are being balloted at the plenary. A new version of GMR-1 3G version 3.2.1 was approved for publication. Next meeting is MSS #10 in Toulouse, France on February 2-5.

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 #44 in

Wessling, Germany on October 2-5. Next meeting is MSS #10 in Toulouse, France on February 2-5.

Tony Noerpel reported on DVB. Progress had been made on new DVB-RCS standards. This working group is being chaired by Harald Skinnemoen. The several meetings of the technical module DVB-RCS 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.

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 until completion of the final ETSI help desk editorial review.

8. Working Group Activities

TIA-1039A

Larry Roberts gave a presentation on the modifications to existing TIA 1039 to upgrade it to incorporate comments received at ITU and IETF and new security features.

GMR

GMR-1 3G has been approved.

Cross publication of other ETSI MSS standards to be pursued.

IPoS

No activity

C2P

No activity

DVB

Tony 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.

10. Review of Assignments from October, 2010 Meeting

- The chair to initiate ballot for GMR-1 3G specifications. postponed
- The Chair and Lars Erup to continue as liaison to DVB-RCS ongoing
- John Landovskis to continue as liaison to SatLabs open
- Larry Roberts to initiate the ballot for TIA 1039A document was approved.

11. Future Work and Assignments

12. Future Meetings

The Working Group agreed to meet on the second Thursday of March 10, 2011 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. This meeting was later postponed until September 22, 2011.

13. Adjournment

The meeting was adjourned at 11:00 a.m., October 28, 2010.

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