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## Approved by General Counsel

TR-34 Meeting Report

Date(s): 10/18/2012 - 10/18/2012

Location: Teleconference

Approved: 10/26/2012

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**TITLE:** TR 34 Meeting Report  
October 18, 2012

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**DATE:** October 18 2012

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**SOURCE:** Hughes Network Systems, Inc.

**AUTHOR:** Tony Noerpel (HNS)  
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**RECOMMENDATION:** Review and Approve

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**TR 34 Working Group  
SATELLITE EQUIPMENT & SYSTEMS  
MEETING REPORT  
October 18, 2012**

**1. Call to Order and Introduction**

The Standards Committee, Satellite Equipment & Systems, TR 34, met on Thursday, October 18, 2012 at TIA's headquarters, 2500 Wilson Blvd., Arlington, Virginia and via teleconference. The Chair welcomed the participants and called the meeting to order at approximately 9:00 a.m.

**GoToMeeting Dial-In & Screen Share**

<https://www1.gotomeeting.com/join/482185192>

**Dial +1 (773) 897-3000**

**Access Code: 482-185-192**

**Audio PIN: Shown after joining the meeting**

**Meeting ID: 482-185-192**

The meeting ID for signing in is 3780.

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

**IMPORTANT NOTICE OF PARTICIPATION**

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**2. Attendance Registration**

The meeting was attended by the following:

<b>Company</b>	<b>Name &amp; Mailing Address</b>	<b>Phone #, Fax #, Email</b>
Hughes Network Systems (By teleconference)	Noerpel, Tony 11717 Exploration Lane Germantown, MD 20876	P: 301-601-7449 F: 301-428-5682 E: <a href="mailto:anthony.noerpel@hughes.com">anthony.noerpel@hughes.com</a>
Gogo, Inc. (By teleconference)	Fred Kujawski 1250 N Arlington Heights Rd Itasca, IL 60143	O: 630 647 1430 M: 847 331 1456 E: <a href="mailto:fkujawski@gogoair.com">fkujawski@gogoair.com</a>
TIA	Jeff Hannah 2500 Wilson Blvd., Arlington, Virginia,	O: 703.907.7582   M: 301.502.9141 E: <a href="mailto:jhannah@tiaonline.org">jhannah@tiaonline.org</a>
AASKI Technology, Inc. (By teleconference)	Hand, Jim	O: (732) 578-1250 x209 C: (908) 745-9748 F: (732) 493-1701 E: <a href="mailto:jhand@aaski.com">jhand@aaski.com</a>
iDirect (By teleconference)	Erup, Lars	E: <a href="mailto:lerup@idirect.net">lerup@idirect.net</a>

Apologies received from

<b>Company</b>	<b>Name &amp; Mailing Address</b>	<b>Phone #, Fax #, Email</b>
AASKI Technology, Inc.	Bharat Parikh	O: (732) 578-1250 x202 C: (908) 745-9748 F: (732) 493-1701 E: <a href="mailto:bparikh@aaski.com">bparikh@aaski.com</a>

### 3. Review and Approval of the Agenda

The proposed agenda, contribution 10.12.01, was approved.

### 4. Introduction and Numbering of Contributions

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

<b>Number</b>	<b>Title</b>	<b>Source</b>	<b>Notes/Disposition</b>
10.12.01	Meeting_Notice_Agenda	A.Noerpel HNS	Approved
10.12.02	TR 34 meeting report for October 2012 meeting	A.Noerpel HNS	Review & approve by correspondence
10.12.03	JIPM schedule presentation	J. Hand AASKI	Information
10.12.04	RTCA spread sheet	Fred Kujawski Gogo, Inc.	Information

Relevant contributions and associated numbers from the previous meeting were the following:

<b>Number</b>	<b>Title</b>	<b>Source</b>	<b>Notes/Disposition</b>
09.12.03	JIPM vol 1	J. Hand AASKI	Information

Number	Title	Source	Notes/Disposition
09.12.04	JIPM vol 2	J. Hand AASKI	Information
09.12.05	JIPM vol 3	J. Hand AASKI	Information
09.12.06	JIPM presentation	J. Hand AASKI	Information

## 5. Review and Approval of Meeting Report

The meeting report from the October 18, 2012 meeting, contribution 10.12.02, shall be circulated and approved by email after the meeting.

## 6. Correspondence and Liaisons

Tony Noerpel (Chair) reported on the meeting of ETSI SES SCN October 9-12, Wessling, Germany.

Lars Erup (Vice Chair) reported on DVB, RCS and S2 activities. DVB-S2 approved some extensions to standard for time slicing with wideband channels. A new standard for DVB-S2 extensions is being planned for the near term and a forward looking activity which may lead to a DVB-S3 standard.

## 7. Ballot Results

No Ballots

## 8. Working Group Activities

JIPM Joint IP Modem (JIPM) Interoperability Standard project - Addendums to DVB-RCS and DVB-S2 that reflect the US DoD joint IP modem including embedded TRANSEC. There will be three parts to the standard. Volume 1 includes specific modifications to DVB-RCS and DVB-S2. Volume 2 includes the TRANSEC specification. Volume 3 includes the SNMP MIB management protocol. The justification is to make the specification available to the satellite communications community in order to produce interoperable equipment

The committee voted unanimously to approve the Project Initiation for the Joint IP Modem (JIPM) Interoperability Standard.

Stakeholders are SatLabs, ETSI, NATO, DoD and DVB.

The rapporteur for the project is Bharat Parikh of AASKI Technology, [bparikh@aaski.com](mailto:bparikh@aaski.com), 732-578-1250 x202. Bharat sent his apologies. Jim Hand gave a presentation of the proposed schedule. The proposed schedule was accepted. The input to the TIA Project Request Form for the JIPM work was developed and reviewed during the meeting.

## 9. New Business

Fred Kujawski presented an Excel spread sheet constructed by the RCTA organization for our information. RTCA writes guidelines for the FAA which become rulemakings or requirements

documents or technical analysis for the FAA. Aircraft information systems and data link evaluation committee 206 (SC 206) are looking at next generation systems weather, traffic control etc. communications. SC 206 created a spread sheet profiling existing technologies for this communications.

TR34 is being asked to review the RTCA data link candidates spread sheet. The group agreed to provide comments to Fred Kujawski by the November 15 meeting.

TR34 is being asked to review smart grid documents compiled by NIST. The group agreed to provide comments to Fred Kujawski by the November 15 meeting.

**10. Assignments from September, 2012 Meeting**

- The chair to initiate ballot for GMR-1 3G specifications. Ongoing
- The Chair and Lars Erup to continue as liaison to DVB-S2. Ongoing
- The chair to continue as liaison to ETSI SES. Ongoing.
- Bharat Parikh to continue as rapporteur for the new JIPM proposed standard and initiate work item and propose a standards approval schedule. Completed
- The Chair to continue as liaison to NIST PAP2. Ongoing

**11. Future Work and Assignments**

- The chair to initiate ballot for GMR-1 3G specifications. Ongoing
- The Chair and Lars Erup to continue as liaison to DVB-S2. Ongoing
- The chair to continue as liaison to ETSI SES. Ongoing.
- Bharat Parikh to continue as rapporteur for the new JIPM proposed standard and provide updated documents with NATO comments and initiate the ballot. Ongoing
- The Chair to continue as liaison to NIST PAP2. Ongoing
- Members to provide comments to Fred Kujawski regards the RTCS spread sheet and the NIST profiles document with respect to satellite communications.

**12. Future Meetings**

The Working Group agreed to meet on the third Thursday of November 15, 2012 to discuss the plan going forward with the JIPM specification and the RTCA and NIST documents and other matters but also agreed 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 11:00 a.m., October 18, 2012.

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