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| INTERNATIONAL TELECOMMUNICATION UNION | **Question 26/Study Group 16** |
| **TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2013-2016 | **WAS 003** |
| **English only****Original: English** |
| **Question(s):** | 26/16 | Washington D.C, US, 3-4 June 2013 |
| **TD** |
| **Source:** | Rapporteur |
| **Title:** | Report of Q26/16 Rapporteur’s meeting (Washington D.C., US, 3-4 June 2013) |

**CONTENTS**

[1 General 2](#_Toc370403065)

[1.1 Time Schedule 2](#_Toc370403066)

[1.2 Topics of General Nature 3](#_Toc370403067)

[1.3 Future meetings 3](#_Toc370403068)

[2 Meeting Summary 3](#_Toc370403069)

[2.1 Summary 3](#_Toc370403070)

[2.2 Objectives 3](#_Toc370403071)

[2.3 Documentation 3](#_Toc370403072)

[2.4 Discussion 4](#_Toc370403073)

[2.5 Intellectual property statements 4](#_Toc370403074)

[2.6 Presentation of reports 4](#_Toc370403075)

[2.7 Outgoing liaison statements 5](#_Toc370403076)

[Annex A: List of participants 6](#_Toc370403077)

[Annex B: Documentation 8](#_Toc370403078)

# General

This Rapporteur meeting of Questions 26/16 was held in Washington D.C., US, 3-4 June 2013 at the kind invitation of Gallaudet University and Telecommunication for the Deaf and Hard of Hearing, Inc. (TDI) There were a total of 31 participants present at the meeting. The meeting organizer for the Rapporteur meeting of Questions 26/16 was Mr Christian Vogler and Mr Claude Stout and the document manager was Mr John S Lee.

The Rapporteur want to extend sincere thanks to Mr Christian Vogler from Gallaudet University and Mr Claude Stout of TDI for hosting the meeting and making the arrangements necessary for us to have a productive meeting.

The meeting participants reviewed a total of twenty-four (24) input documents. This included five (5) review and updated to FSTP-RSPD, and twelve (12) contributions to further FSTP-RSPD. The objective of this meeting was to progress the ongoing work on FSTP-RSPD.

There are two (2) Annexes at the end of this report. Annexes A contains the list of participants. Annex B lists the documentation for this meeting.

All WAS-XXX numbered documents referred to in this report are available at the Accessibility repository: <http://ftp3.itu.int/accessibility/1306-WAS/>

## Time Schedule

Meetings began each morning at 0900 hours and normally ended at 1800 hours. The following meeting schedule was followed:

|  | Monday June 3. |  | Tuesday June 4 |
| --- | --- | --- | --- |
| 9:00 – 10:30 | 1. Introductory remarks
2. WAS 002:Agreement of Agenda
3. Host Remarks
4. WAS 024: ITU-T Resolution 70
5. IPR Statement
6. Introduction to FSTP RSPD WAS 005
7. Round Table Introduction
 | 9:00 – 10:45 | 1. WAS 013: Bob Segalman: five countries
2. WAS 008: CPD: Sign to Sign Relay
3. WAS 016: NAD: VRS
 |
| 10:20 – 10:45 | COFFEE BREAK | 10:45 – 11:00 | COFFEE BREAK |
| 10:45 – 12:15 | 1. FCC Remarks
2. WAS 020: FCC Edits to FSTP RSPD
3. WAS 010: FCC Guides
 | 11:00 – 12:30 | 1. WAS 014 Randy Pope: Relay Services for the Deaf Blind
2. WAS 015: Jack Sandover: Accuracy of Relay
3. WAS 017: Gallaudet CAP service and usage
 |
| 12:15 – 13:45 | LUNCH | 12:30 – 14:00 | LUNCH |
| 13:45 – 15:15 | 1. WAS 018 Sprint Edits to FSTP: RSPD
2. WAS 012: Gallaudet Edits to FSTP RSPD
3. WAS 011 Sorenson: Economic Model of VRS
 | 14:00 – 15:45 | 1. WAS 006: Ultratec: Performance of CAP
2. WAS 007: Ultratec: QOE for CAP
3. Future of Relay: Demonstration of Total Conversation
 |
| 15:15 – 15:40 | COFFEE BREAK | 15:45 – 16:15 | COFFEE BREAK |
| 15:40 – 18:00 | 1. WAS 009: Emergency Services
2. WAS 022: HLAA CAP
3. WAS 021: HLAA Edits to FSTP RSPD
4. WAS 023TRS Statements
 | 16:15 – 18:00 | 1. Discussion and review of previous day
2. Review of FSTP RSPD changes and edits needed
3. Demonstration: Camera Technology
4. F. Relay Introduction
5. Any Other Business
6. Closing Remarks
 |

## Topics of General Nature

A General open discussion was held on day two (June 4, 2013) where the discussion focused on the need for performance standards in the area of relay services, as well as a discussion on how the ITU can help to clarify technical matters.

## Future meetings

The next meeting of Q26/16 will be held at the SG 16 meeting scheduled for 28October 2013 – 8 November 2013.

# Meeting Summary

## Summary

Q26/16 met for eight sessions on 3-4 June, 2013. The experts reviewed 24 input documents to further the draft new Technical Paper FSTP-RSPD. A significant part of the work at this meeting was preparing revised Recommendations, discussing inputs to FSTP-RSPD.

## Objectives

The objectives for this meeting were:

* Further work and state of FSTP-RSPD
* Involve Relay service providers in the work to describe the current services on offer.

## Documentation

The list of meeting contributions was reviewed (WAS 004).

All WAS-XXX numbered documents referred to in this report are available at the Accessibility repository: <http://ftp3.itu.int/accessibility/1306-WAS/>

### Review of the meeting agenda

The meeting agenda appeared in WAS 002 and was approved by the meeting.

## Discussion

FCC guides

A session was held to introduce the FCC guides to relay services available at: <http://www.fcc.gov/guides/telecommunications-relay-service-trs>

WAS 020, 010

Captioned telephone performance

Several contributions tried to provide a way to measuring the performance and QoE measure of Captioned telephones. These documents are available: WAS 005, 006, 017.

Other types of relay

Different types of relay services were explored during the meeting.

Sign to Sign service was presented in WAS 008 by Mark Hill of the Cerebral Palsy and Deaf organization.

Speech to Speech service was presented in WAS 013.

Deaf-Blind User needs

Randy Pope of the American Association of the Deaf-Blind provided a view into the use of Relay services and the different User needs that apply to Deaf-Blind users. WAS 014

Video Relay Services (VRS)

Video Relay services or VRS was an important topic of conversation during this meeting. Several documents and discussion was held on the topic. Contributions WAS 011, 016 are salient to the topic, but several comments were made during the meeting by various participants.

Demonstration

Two technical demonstration were made during the meeting:

1. Gallaudet presented a Total conversation prototype that could be used as a communication tool to supplement or replace some relay usage.
2. Spranto provide a demonstration of a Video communication tool that has the potential to be used to standardize video communication in VRS systems.

## Intellectual property statements

Members were reminded to make disclosures of known patents to the ITU Secretariat as defined in the IPR policy in a timely manner. Nobody indicated having knowledge of patents or pending patent applications, the use of which may be required to implement Recommendations being considered during the meeting.

## Presentation of reports

The draft report for Q26/16 is provided and can be found at:

## Outgoing liaison statements

None.

Annex A:
List of participants

The list of participants is extracted from WAS - 004.

| Name | Email | Organization |
| --- | --- | --- |
| John S Lee | jslee@blackberry.com | Rapporteur |
| Claude Stout | cstout@tdiforaccess.org | Telecommunications for the Deaf & Hard of Hearing (TDI) |
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| Andrew Phillips | Andrew.phillips@nad.org | National Association of the Deaf |
| Randall Pope | Rpope1954@gmail.com | American Association of the Deaf-Blind |
| Sharon Hayes | vrscasharon@live.com | Video Relay Services Consumer Association |
| Connie Phelps | cphelps@mt.gov | National Association for State Relay Administration |
| Brenda Kelly-Frey | Brenda.kelly-frey@maryland.gov | Telecommunication Access of Maryland |

Annex B:
Documentation

The list of documents for the meeting can be found in WAS-004.

All documents can be found at: [http://ftp3.itu.int/accessibility/1306-WAS/](http://wftp3.itu.int/accessibility/1306-WAS/)

Contributions

| WAS- | Title | Source |
| --- | --- | --- |
| 001 | Invitation Letter | Rapporteur |
| 002 | Agenda | Rapporteur |
| 003 | Meeting Report | Rapporteur |
| 004 | List of Contributions and attendees | Rapporteur |
| 005 | Updated FSTP-RSPD | Editor |
| 006 | Measuring the Performance of a Captioned Telephone Relay Service | Ultratec (Pam Holmes) |
| 007 | Quality of Experience for Relay Users, Captioned Telephone Service | Ultratec (Pam Holmes) |
| 008 | Sign to Sign services in a relay system | Cerebral Palsy and Deaf (Mark Hill) |
| 009 | Access to Emergency Services | Invited Experts (Richard Ray & Donna Platts) |
| 010 | FCC Guides to Relay Services | FCC Gregory Hlibok, Karen Strauss |
| 011 | Economic model of VRS | Sorenson (Paul Kerchisnik & Michael Maddix) |
| 012 | FSTP-RSPD: Edits and updates | Gallaudet TAP (Christian Vogler)  |
| 013 | Speech to speech and similar services in five countries | SCT (Bob Segalman ) |
| 014 | Relay services for the Deaf Blind | Invited Expert (Randy Pope) |
| 015 | Some thoughts on accuracy measurement for relay services | Invited Expert (Jack Sandover) |
| 016 | Video Relay Service: A perspective from the National Association of the Deaf | National Association of the Deaf (Andrew Phillips) |
| 017 | Captioned Telephony Service and Usage | Gallaudet – Technology Access Program (Christian Vogler)  |
| 018 | FSTP-RSPD: Edits and Updates | Sprint Relay Services (Angela Officer) |
| 019 |  |  |
| 020 | FSTP-RSPD: Edits and Updates | FCC (Karen Strauss) |
| 021 | FSTP RSPD: Edits and Updates | Hearing Loss Association of America (Lise Hamlin) |
| 022 | Captioned telephone services | Hearing Loss Association of America (Lise Hamlin) |
| 023 | Consumer Groups’ TRS Policy Statement, Filed with the FCC on April 12, 2011 | Association of Late-Deafened Adults (Cheryl Heppner) |
| 024 | ITU-T Resolution 70 | Rapporteur |

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