**Source: SA4 MTSI SWG Chairman[[1]](#footnote-0)**

**Title: Draft Report for MTSI SWG 26 February 2020 Teleconference #2 on RTCPVer**

**Document for: Approval**

**Agenda Item: 5.1**

## **Executive Summary**

The MTSI SWG teleconference on RTCPVer received three pseudo CRs to TS 26.139 which were agreed (one with slight modifications) to be included into the updated version of TS 26.139 for presentation to SA#87 for approval. The SWG also received a draft WI summary that was endorsed for sending to SA#87 and a draft LS to CT1 informing them of this work that was also agreed.

## **1. Opening of the conference call**

|  |  |
| --- | --- |
| **Telco#2 (Topic: RTCPVer, Feb 26, 2020, 16-18 CET, Host: Ericsson) with needed special power (which was conferred)** | * Agree on pCRs to TS 26.139, addressing work item objectives
* Agree TS 26.139 version to be sent to SA#87 for approval
* Approve and send LS to CT1 on the potential impact of TS 26.139 to MTSI and mission critical services
* Endorse the RTCPVer WI Summary
* Submission deadline Monday Feb 24, 2020, 23:59 CET
 |

The SA4 MTSI SWG chairman, Nikolai Leung (Qualcomm), opened the conference call at about 16:04 hours CET on Feb 26, 2020.

Timo Pousi volunteered to take minutes on the conference call. Nikolai also requested the participants to add their names to the attendance list at the end of the on-line minutes located here:

[https://docs.google.com/document/d/1msCrhZNBCZ2QFdHT0OPiEb8RXwkS1MxGne1TqvNSLGE/edit#](https://docs.google.com/document/d/1msCrhZNBCZ2QFdHT0OPiEb8RXwkS1MxGne1TqvNSLGE/edit)

## **2. Approval of the agenda and registration of documents**

|  |  |  |  |
| --- | --- | --- | --- |
| S4-AHM517R1 | Proposed agenda for SA4 MTSI SWG 26 Feb 2020 Teleconference #2 on RTCPVer | MTSI SWG Chair(Nikolai Leung) | 2 |

The MTSI SWG chairman Nikolai Leung (Qualcomm) presented the agenda and registration of documents.

**S4-AHM517R1 was agreed.**

## **3. Reports and liaisons**

## **4.**  RTCP Verification for Real-Time Services (RTCPVer)

|  |  |  |  |
| --- | --- | --- | --- |
| S4-AHM520 | pCR 26.139 on Adding RTCP Tests | Ericsson LM | 4 |

Bo Burman of Ericsson presented the contribution.

Written comments received from Min.

Min/Nik (6.2.2.1 & 6.2.2.5): Do these test cases test the same thing?

Bo: Difference is that in 6.2.2.1 SUT does not send any RTP packets from start of the session while in 6.2.2.5 RTP packets are first sent by the SUT but then sending of RTP packets is stopped during the session.

Nik (6.2.6.8): It means that incrementing k makes it independent of i?

Bo: Yes

Min/Nik: Document is mainly written from the point of view of testing the RFC, and not based on testing actual MTSI scenarios. So some tests are unnecessary or tedious. As commercial interest develops in this test spec, could need CRs or a new Work Item to identify or define the essential tests. In the future it will also be good to have test equipment vendors review this and provide feedback on the practicality/feasibility of how the tests are specified.

Bo: I agree.

The contribution was agreed.

|  |  |  |  |
| --- | --- | --- | --- |
| S4-AHM521 | pCR 26.139 on Adding RTP Tests | Ericsson LM | 4 |

Bo Burman of Ericsson presented the contribution.

Written comments received from Min were presented by Nik.

Min/Nik (6.3.2.2): Pass criteria is difficult to understand.

Bo: SSRC values for different streams should not have the same value and not be consecutive numbers. So “i” is referring to a stream, not to a packet. Descriptive text can be added to “comments” field.

Min/Nik (6.3.2.4): Pass criteria is difficult to understand.

Bo: Time stamp values for different streams should not have the same value and not be consecutive numbers. So “i” is referring to a stream, not to a packet. Descriptive text can be added to the “Comments” section.

The contribution was agreed after online edits.

|  |  |  |  |
| --- | --- | --- | --- |
| S4-AHM522 | pCR 26.139 on Adding Conformance Indication | Ericsson LM | 4 |

Burman of Ericsson presented the contribution.

Nik: So even if it is not in the offer you can put it in answer?

Bo: Correct.

The contribution was agreed.

|  |  |  |  |
| --- | --- | --- | --- |
| S4-AHM523 | Draft WI Summary RTCPVer | Rapporteur (Ericsson LM) | 4 |

Burman of Ericsson presented the contribution.

The contribution was agreed.

New SA4 document number is needed for this so that it can be passed to the SA plenary.

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| --- | --- | --- | --- |
| S4-AHM524 | Draft LS on RTP/RTCP Verification (To: CT1) | Ericsson LM | 4 |

Burman of Ericsson presented the contribution.

The contribution was agreed.

## **5. Review of the future work plan**

|  |  |
| --- | --- |
| SA#87 (18-20 Mar 2020, e-meeting) | · Approval of TS 26.139· WI completion |

## **6. Any Other Business**

## **7. Close of the conference call**

The call was closed at 17:57 CET.

List of Annexes:

1. Annex 1: Meeting Agenda (the final revision)

2. Annex 2: List of documents

3. Annex 3: List of participants

## A**nnex 1: Meeting Agenda (the final revision)**

**Source: SA4 MTSI SWG Chairman[1]**

**Title: Proposed agenda for SA4 MTSI SWG 26 Feb 2020 Teleconference #2 on RTCPVer**

**Document for: Approval**

**Agenda Item: 2**

**1. Opening of the conference call**

|  |  |
| --- | --- |
| **Telco#2 (Topic: RTCPVer, Feb 26, 2020, 16-18 CET, Host: Ericsson) with needed special power (which was conferred)** | * **Agree on pCRs to TS 26.139, addressing work item objectives**
* **Agree TS 26.139 version to be sent to SA#87 for approval**
* **Approve and send LS to CT1 on the potential impact of TS 26.139 to MTSI and mission critical services**
* **Endorse the RTCPVer WI Summary**
* **Submission deadline Monday Feb 24, 2020, 23:59 CET**
 |

**2. Approval of the agenda and registration of documents**

|  |  |  |  |
| --- | --- | --- | --- |
| **S4-AHM517** | **Proposed agenda for SA4 MTSI SWG 26 Feb 2020 Teleconference #2 on RTCPVer** | **MTSI SWG Chair****(Nikolai Leung)** | **2** |

**3. Reports and liaisons**

**4. RTCP Verification for Real-Time Services (RTCPVer)**

|  |  |  |  |
| --- | --- | --- | --- |
| **S4-AHM520** | **pCR 26.139 on Adding RTCP Tests** | **Ericsson LM** | **4** |
| **S4-AHM521** | **pCR 26.139 on Adding RTP Tests** | **Ericsson LM** | **4** |
| **S4-AHM522** | **pCR 26.139 on Adding Conformance Indication** | **Ericsson LM** | **4** |
| **S4-AHM523** | **Draft WI Summary RTCPVer** | **Rapporteur (Ericsson LM)** | **4** |
| **S4-AHM524** | **Draft LS on RTP/RTCP Verification (To: CT1)** | **Ericsson LM** | **4** |

**5. Review of the future work plan**

|  |  |
| --- | --- |
| **SA#87 (18-20 Mar 2020, e-meeting)** | **·** Approval of TS 26.139· WI completion |

**6. Any Other Business**

**7. Close of the conference call**

Note: The deadline for document submission is **24 Feb 2020 @ 23:59 PM CET**. Please ask the MTSI SWG Chair for Tdoc# assignments.

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Tdoc “colour code”: **black** = submitted for the meeting

 **blue** = postponed from an earlier SA4 meeting

 **red**  = covered during this meeting

 **grey** = late submission

 **~~strikethrough~~** = withdrawn

Conclusion codes: **a = agreed**

 **app = approved**

 **n = noted**

 **u = updated**

 **np = not pursued**

 **pp = postponed**

***Note: These conclusion codes appearing in the agenda are only informative. Please refer always to the main body of the meeting report for precise and complete explanation of decisions for each document.***

Other notations: \* = allocated under more than one agenda item

-> = replaced by, [or] action follows

"Noted": A document is "noted" to indicate that its content was made available to the meeting, but that the document itself was not agreed or endorsed by the meeting. Any agreements or actions resulting from discussion of the document are explicitly indicated in the meeting report.

**[1] Nikolai Leung (nleung@qti.qualcomm.com)**

## Annex 2: List of documents

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tdoc** | **Title** | **Source** | **Agenda Item** | **Conclusion** |
| S4-AHM502R1 | Proposed agenda for SA4 MTSI SWG 4 Dec 2019 Teleconference #1 on RTCPVer | MTSI SWG Chair(Nikolai Leung) | 2 | Agreed |
| S4-AHM520 | pCR 26.139 on Adding RTCP Tests | Ericsson LM | 4 | Agreed |
| S4-AHM521 | pCR 26.139 on Adding RTP Tests | Ericsson LM | 4 | Agreed with online edits |
| S4-AHM522 | pCR 26.139 on Adding Conformance Indication | Ericsson LM | 4 | Agreed |
| S4-AHM523 | Draft WI Summary RTCPVer | Rapporteur (Ericsson LM) | 4 | Agreed |
| S4-AHM524 | Draft LS on RTP/RTCP Verification (To: CT1) | Ericsson LM | 4 | Agreed |

## **Annex 3: List of participants**

|  |  |
| --- | --- |
| **Name** | **Organization Represented** |
| Burman, Bo | Ericsson LM |
| Jung, Kyunghun | Samsung Electronics |
| Leung, Nikolai | Qualcomm Incorporated |
| Pousi, Timo | Ericsson LM |
| Saha, Jayeeta | ETSI |
| Yousef | ??? |

1. Nikolai Leung [↑](#footnote-ref-0)