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

**Title: MTSI SWG Report during SA4#108-e**

## Document for: Approval Agenda Item: 13.3

Executive summary

The 3GPP SA4 MTSI SWG met for 3 telco sessions during SA4#108-e, and handled the other documents via the MTSI\_SWG email reflector.

A total of ??? delegates participated while ??? Tdocs were discussed with SWG-status concluded for ??? Tdocs.

1. For Maintenance, agreed on the following:
2. E\_FLUS agreed on the following:
	1. Scheduled Telcos on
3. ITT4RT agreed on the following updates to the Permanent Document:
	1. Scheduled Telcos on
4. FS\_FLUS\_NBMP
	1. Scheduled Telcos on

**The output documents from the MTSI SWG sessions are:**

|  |  |  |
| --- | --- | --- |
| 5.2 | Other 3GPP groups | 534 (QoS/CT3) -> replied to in 587  |
| **13** | **Reports and general issues from sub-working-groups** |  |
| 13.3 | MTSI SWG |  |
| **14** | **CRs to Features in Release 15 and earlier** |  |
| **15** | **Release 16 Features** |  |
| 15.4 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) |  |
| 15.7 | 5G\_MEDIA\_MTSI\_ext (Media Handling Extensions for 5G Conversational Services) | 570 |
| 15.17 | TEI16 and any other Rel-16 documents |  |
| **16** | **Release 17 Features** |  |
| 16.2 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) |  |
| **17** | **Study Items** |  |
| 17.6 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) |  |
| **19** | **New Work / New Work Items and Study Items** |  |

**Agreed in MTSI SWG**

**No status in MTSI SWG**

SWG Minutes during SA4#108-e

## 11.1 Opening of the session

Mr. Nikolai Leung (Qualcomm, Chairman of MTSI SWG) opened the e-meeting sessions at 0:40 CEST on April 2nd, and the Telco sessions at 19:00?? CEST on April 6th.

The minutes are shared online here:

<https://drive.google.com/file/d/1POEnC-nlGb4_i2zM0dNMWmCrLqzxxrpk/view?usp=sharing>

Bo Burman, Ozgur Oyman, and Iraj Sodagar agreed to serve as the acting secretaries for the meeting.

## 11.2 Registration of documents

The following documents were registered before the meeting:

|  |  |  |
| --- | --- | --- |
| 11 | Multimedia Telephony Service for IMS (MTSI) SWG |   |
| 11.1 | Opening of the session |   |
| 11.2 | Registration of documents |   |
| 11.3 | Reports and liaisons from other groups | LS: 587 |
| 11.4 | CRs to Features in Release 15 and earlier |   |
| 11.5 | CRs to completed features in Release 16 | 26.114: 570, 571, 608 |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | TP: 51926.238: 521, 523, 524, 525, 550, 551, 578, 589, 603, 604, 613  |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 506WID: 508PD: 507->609, 542, 546, 595 |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 54826.939: 549->607, 552 |
| 11.9 | Others including TEI |   |
| 11.10 | New Work / New Work Items and Study Items |   |
| 11.11 | Any Other Business |   |
| 11.12 | Close of the session |   |

The agenda and allocation of documents were agreed.

## 11.3 Reports and liaisons from other groups

|  |  |  |
| --- | --- | --- |
| [S4-200587](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200587.zip) | Draft LS reply on QoS mapping procedure | Ericsson LM |

The document was sent for email agreement by 20:00 4/2.

Agreed via email on April 2, 21:25 CEST. Sent to Plenary Agenda Item 5.2.

## 11.4 CRs to Features in Release 15 and earlier

There were no Rel-15 or earlier CRs.

## 11.5 CRs to completed features in Release 16

|  |  |
| --- | --- |
| CRs to completed features in Release 16 | 26.114: 570, 571, 608 |

|  |  |  |
| --- | --- | --- |
| [S4-200570](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200570.zip) | Correction of 3gpp-qos-hint examples | Ericsson LM |

The document was sent for email agreement by 20:00 4/2.

Agreed via email on April 2, 21:33 CEST. Sent to Plenary Agenda Item 15.7

|  |  |  |
| --- | --- | --- |
| [S4-200571](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200571.zip) | Bandwidth for open offer | Ericsson LM |

The document was sent for email agreement by 20:00 4/6.

|  |  |  |
| --- | --- | --- |
| [S4-200608](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200608.zip) | Setting b=AS in presence of an open offer | Fraunhofer IIS |

The document was sent for email agreement by 20:00 4/6.

## 11.6 E\_FLUS (Enhancements to Framework for Live Uplink Streaming)

|  |  |
| --- | --- |
| E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | TP: 51926.238: 521, 523, 524, 525, 550, 551, 578, 589, 603, 604, 613  |

|  |  |  |
| --- | --- | --- |
| [S4-200521](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200521.zip) | Correction of References | Samsung R&D Institute India |

The document was sent for email agreement by 20:00 4/2.

Comment from chair to convert to Category D was agreed.

Revised into S4-200644

|  |  |  |
| --- | --- | --- |
| S4-200644 | Correction of References | Samsung R&D Institute India |

Waiting for update to be provided.

|  |  |  |
| --- | --- | --- |
| [S4-200523](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200523.zip) | Clarification on uplink assistance | Samsung R&D Institute India |

The document was sent for email agreement by 20:00 4/2.

No comments via email on April 2, 21:42 CEST.

Authors agreed to convert into a formal CR

Revised into a formal CR in S4-200645

|  |  |  |
| --- | --- | --- |
| S4-200645 | Clarification on uplink assistance | Samsung R&D Institute India |

Waiting for update to be provided.

|  |  |  |
| --- | --- | --- |
| [S4-200524](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200524.zip) | Update and correction of FLUS source systems | Samsung R&D Institute India |

The document was sent for email agreement by 20:00 4/3.

|  |  |  |
| --- | --- | --- |
| [S4-200525](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200525.zip) | Update, correction and clarification of text | Samsung R&D Institute India |

The document was sent for email agreement by 20:00 4/2.

Comment from chair to convert to Category D was agreed. Also will convert to formal CR.

Revised into a formal CR in S4-200646

|  |  |  |
| --- | --- | --- |
| S4-200646 | Update, correction and clarification of text | Samsung R&D Institute India |

Waiting for update to be provided.

|  |  |  |
| --- | --- | --- |
| [S4-200589](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200589.zip) | Draft CR TS 26.238 Media Codec Profile for E\_FLUS | QUALCOMM, Incorporated |

The document was sent for email agreement by 20:00 4/2.

No comments via email on April 2, 21:48 CEST.

Revised into a formal CR in S4-200642

|  |  |  |
| --- | --- | --- |
| S4-200642 | Media Codec Profile for E\_FLUS | QUALCOMM, Incorporated |

Waiting for update to be provided.

|  |  |  |
| --- | --- | --- |
| [S4-200550](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200550.zip) | Sink Capabilities in FLUS | Tencent |
| [S4-200551](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200551.zip) | Sink Configuration in FLUS | Tencent |
| [S4-200578](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200578.zip) | Correction of F-C Stage 3 | Ericsson LM |
| [S4-200603](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200603.zip) | E\_FLUS: Discovery of FLUS sinks using a Sink Discovery Server | Samsung Research America |
| [S4-200604](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200604.zip) | Discovery Server for FLUS Sinks | Samsung Research America |
| [S4-200613](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200613.zip) | The resource addressing in FLUS | Tencent |

The document was sent for email merge into S4-200643 by 18:00 4/6.

|  |  |  |
| --- | --- | --- |
| [S4-200643](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200643.zip) | Correction of F-C Stage 3 | Ericsson LM, Tencent, Samsung Research America |

Waiting for update to be provided.

|  |  |  |
| --- | --- | --- |
| [S4-200519](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_108-e/Docs/S4-200519.zip) | Time Plan for E\_FLUS Work Item v0.12.0 | QUALCOMM Incorporated (Rapporteur) |

## 11.7 ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals)

|  |  |
| --- | --- |
| ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 506WID: 508PD: 507->609, 543, 546, 595 |

## 11.8 FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS)

|  |  |
| --- | --- |
| FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 54826.939: 549->607, 552 |

## 11.9 Others including TEI

No contributions were received.

## 11.10 New Work / New Work Items and Study Items

## 11.11 Any Other Business

## 11.12 Close of the session

The MTSI SWG chairman, Nikolai Leung thanked the delegates and closed the session at 17:00??? CEST on Wednesday, April 8 2020.

# Annex A: Meeting Agenda

**MTSI SWG Tdoc Reservation (200641-200660): 641, 642, 643, 644, 645, 646**

|  |  |  |
| --- | --- | --- |
| 11 | Multimedia Telephony Service for IMS (MTSI) SWG |   |
| 11.1 | Opening of the session |   |
| 11.2 | Registration of documents |   |
| 11.3 | Reports and liaisons from other groups | LS: 587a |
| 11.4 | CRs to Features in Release 15 and earlier |   |
| 11.5 | CRs to completed features in Release 16 | 26.114: 570a, 571->, 608-> |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | TP: 51926.238: 521->644, 523a->645(CR), 524->, 525->646(CR), 550->m643?, 551->m643?, 578->m643?, 589a->642CR, 603->m643?, 604->m643?, 613->m643?  |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 506WID: 508PD: 507->609, 543, 546, 595 |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | TP: 54826.939: 549->607, 552 |
| 11.9 | Others including TEI |   |
| 11.10 | New Work / New Work Items and Study Items |   |
| 11.11 | Any Other Business |   |
| 11.12 | Close of the session |   |

# Annex B: List of participants

??? delegates attended (underline means attended previous meeting but still have to confirm attendance for this meeting)

|  |  |
| --- | --- |
| **Name** | **Organization Represented** |
| Ahsan, Saba | Nokia |
| Bouazizi, Imed | Qualcomm |
| Burman, Bo | Ericsson LM |
| Chan, Yee Sin | Facebook |
| Curcio, Igor | Nokia |
| Doehla, Stefan | Fraunhofer IIS |
|  Gunkel, Simon | KPN N.V. |
| Han, Jae-Shin | LG Electronics Inc. |
| He, Yong | InterDigital communications Inc. |
| Jelinek, Milan | VoiceAge Corporation |
| Kolan, Prakash | Samsung Research America |
| Sodagar, Iraj | Tencent |
| Leung, Nikolai | Qualcomm Incorporated |
| Lohmar, Thorsten | Ericsson LM |
|  Morita, Naotaka | NTT |
| Oh, Sejin | LG Electronics Inc. |
| Oyman, Ozgur | Intel |
| Pousi, Timo | Ericsson LM |
| Singh, Gurdeep | FhG HHI |
| Szucs, Paul | Sony Corporation |
| Yang, Hyun-Koo | Samsung Electronics |
| Song, Jaeyeon | Samsung Electronics |

1. Nikolai Leung, Qualcomm Inc., with detailed minutes provided by Bo Burman, Ozgur Oyman, Timo Pousi [↑](#footnote-ref-0)