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

**Title: MTSI SWG Report during SA4#109-e**

## Document for: Approval Agenda Item: 13.3

Executive summary

The 3GPP SA4 MTSI SWG met for 3 telco sessions during SA4#109-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.

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

|  |  |  |
| --- | --- | --- |
| 13 | Reports and general issues from sub-working-groups |  |
| 13.3 | MTSI SWG |  |
| 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) |  |
| 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#109-e

## 11.1 Opening of the session

Mr. Nikolai Leung (Qualcomm, Chairman of MTSI SWG) opened the e-meeting sessions on May 25th, and the Telco sessions at 16:30??? CEST on May 26th.

The minutes are shared online here:

<https://drive.google.com/file/d/1ptJNY5J7cgtNI-yxv3lTD5vk5Li9D8X2/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 |  |
| 11.4 | CRs to Features in Release 15 and earlier |  |
| 11.5 | CRs to completed features in Release 16 | 26.114: 724, 825 |
| 11.6 | E\_FLUS (Enhancements to Framework for Live Uplink Streaming) | 803, 818, 826 |
| 11.7 | ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals) | TP: 737PD: 738->840 |
| 11.8 | FS\_FLUS\_NBMP (Feasibility Study on the use of NBMP in E\_FLUS) | PD: 747 TP: 748814 |
| 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 ???.

## 11.3 Reports and liaisons from other groups

## 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

|  |  |  |
| --- | --- | --- |
| [**S4-200724**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200724.zip) | Editorial Improvements | Samsung Electronics Romania |

Sent for email agreement by 26 May 2100 CEST.

|  |  |  |
| --- | --- | --- |
| [**S4-200825**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200825.zip) | Adding media feature tag for IMS data channel | Ericsson LM |

Sent for email agreement by 26 May 2100 CEST.

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

|  |  |  |
| --- | --- | --- |
| [**S4-200818**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200818.zip) | Adding Support for Remote Control | QUALCOMM Europe Inc. - Italy |

To be discussed in Telco

|  |  |  |
| --- | --- | --- |
| [**S4-200826**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200826.zip) | FLUS Remote Control (Stage 3) | Ericsson LM |

To be discussed in Telco

|  |  |  |
| --- | --- | --- |
| [**S4-200803**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200803.zip) | Discussion of way forward with FLUS | SK Telecom, Samsung Electronics Co., Ltd. |

Since this is for Rel-17, it is not a priority. To be discussed via email first.

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

|  |  |  |
| --- | --- | --- |
| [**S4-200737**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200737.zip) | ITT4RT: Proposed Draft Time Plan v.0.7.0 | Intel, Nokia Corporation (ITT4RT Rapporteurs) |

To be discussed via email.

(Have had some offline discussions with rapporteurs to revise to move July 1 telco to July 8th to avoid conflict with MPEG.)

|  |  |  |
| --- | --- | --- |
| [**S4-200738**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200738.zip) | ITT4RT Permanent Document v0.7.0 | Intel, Nokia Corporation (ITT4RT Rapporteurs) |

Revised to S4-200840.

|  |  |  |
| --- | --- | --- |
| [**S4-200840**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200840.zip) | ITT4RT Permanent Document v0.7.1 | Intel, Nokia Corporation (ITT4RT Rapporteurs) |

To be discussed via email.

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

|  |  |  |
| --- | --- | --- |
| [**S4-200748**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200748.zip) | FS\_FLUS\_NBMP: Updated Workplan | Tencent |

To be discussed via email.

(Based on offline discussion expect revision to two telcos on July 15th and 29th in S4-200XXX)

|  |  |  |
| --- | --- | --- |
| [**S4-200747**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200747.zip) | FS\_FLUS\_NBMP: Draft of Permanent Document  | Tencent |

To be discussed via email.

|  |  |  |
| --- | --- | --- |
| [**S4-200814**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200814.zip) | FLUS Services with NBMP | Samsung Electronics Co., Ltd. |

To be discussed via email.

## 11.9 Others including TEI

No contributions were received.

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

Note that these documents are not officially assigned to the MTSI SWG but may be of interest to members:

|  |  |  |
| --- | --- | --- |
| [**S4-200776**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200776.zip) | new SID on AR Conversational Services for Terminals | HUAWEI TECHNOLOGIES Co. Ltd. |

To be discussed via email on the Video SWG mail list and in the Wednesday 8:30 CEST Video SWG session.

|  |  |  |
| --- | --- | --- |
| [**S4-200777**](http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_109-e/Docs/S4-200777.zip) | New SID on Media Negotiation Extensions for Super Resolution and Bandwidth Extension | HUAWEI TECHNOLOGIES Co. Ltd. |

To be discussed in the EVS SWG Telco (details TBC).

## 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 ??? CEST on ???.

# Annex A: Meeting Agenda

**MTSI SWG Tdoc Reservation ( ):**

|  |  |  |
| --- | --- | --- |
| 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 |  |
| 11.4 | CRs to Features in Release 15 and earlier |  |
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| 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.

If you are attending, please remove the underline if your name is listed. Otherwise please add your name and organization to the list.

|  |  |
| --- | --- |
| **Name** | **Organization Represented** |
| Bouazizi, Imed | Qualcomm |
| Burman, Bo | Ericsson LM |
| Chan, Yee Sin | Facebook |
| Curcio, Igor | Nokia |
| Doehla, Stefan | Fraunhofer IIS |
| Han, Jae-Shin | LG Electronics Inc. |
| Kyunghun Jung | Samsung Electronics |
| 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 |
| Hu, James | AT&T |
| Singh, Gurdeep | FhG HHI |
| Szucs, Paul | Sony Corporation |
| Yang, Hyun-Koo | Samsung Electronics |
| Yip, Eric | Samsung Electronics |
| Toftgård, Tomas | Ericsson LM |
| Gabin, Frédéric | Ericsson |
| Plante, Fabrice | Apple |
| Hakju Ryan Lee | Samsung Electronics |
| Champel, Mary-Luc  | Xiaomi |
| Isberg, Peter | Sony |

1. Nikolai Leung, Qualcomm Inc., with detailed minutes provided by Bo Burman, Ozgur Oyman, Iraj Sodagar, and email link summary from Thomas Stockhammer [↑](#footnote-ref-1)