**Tdoc list SA4# 82 meeting**

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| --- | --- | --- | --- | --- |
| Tdoc | Title | Source(s) | Agenda Item(s) | Replaced by |
| S4-150001 | Proposed Meeting Agenda for SA4#82 | SA4 Chairman | 2 |  |
| S4-150002 | Proposed Meeting Schedule for SA4#82 | SA4 Chairman | 2 |  |
| S4-150003 | Report from SA#66 on SA4 matters | SA4 Chairman | 4.1 |  |
| S4-150004 | Report from SA4 MTSI SWG conf. call #2 on QoS End-to-end MTSI extensions (QOSE2EMTSI) on December 3, 2014 | Acting Secretary (Tomas Frankkila)  | 4.2 |  |
| S4-150005 | Report from SA4 MTSI SWG conf. call #1 on Media Handling Aspects of IMS-based Telepresence (IMS\_TELEP\_S4) on January 8, 2015. | Acting Secretary (Ye-Kui Wang)  | 4.2 |  |
| S4-150006 | Proposed meeting agenda for MTSI SWG during SA4#82 | SA4 MTSI SWG Chairman | 10.2 |  |
| S4-150007 | Report from SA4 SQ SWG conf. call on ART\_LTE (1st December 2014) | SQ SWG Chairman | 4.2 |  |
| S4-150008 | Proposed agenda for the SQ SWG meeting during SA4#82 | SQ SWG Chairman | 8.2 |  |
| S4-150009 | Proposed Agenda for Joint EVS/SQ/MTSI SWG Meeting at SA4#82, 26-30 January 2015 | SA4 EVS SWG Chairman | 6 |  |
| S4-150010 | Proposed Meeting Agenda for VIDEO SWG during SA4#82 | VIDEO SWG Chairman | 9 |  |
| S4-150011 | CR 26.114-0301 MTSI Client SDP Offer and Answer using Mode Set (Release 12) POSTPONED | Verizon UK Ltd, KDDI Corporation | 10.4 |  |
| S4-150012 | Comparison of P.835 subjective ratings with predicted scores: EVS WB at 13,2kbps | Audience, Inc. | 6.7 |  |
| S4-150013 | Further analysis of objective prediction of subjective ratings of double-talk | Audience, Inc. | 8.8 |  |
| S4-150014 | Proposed agenda for MBS SWG at SA4#82 | MBS SWG Chairman (Ericsson LM) | 7.2 |  |
| S4-150015 | CR 26.114-0302 "max-red" and "channels" parameters for EVS Primary and AMR-WB IO modes (Release 12) | Samsung Electronics Co., Ltd | 6.4 | S4-150234 |
| S4-150016 | CR 26.114-0303 Separation of video codec parameters in SDP (Release 12) | Samsung Electronics Co., Ltd | 10.4 | S4-150172 |
| S4-150017 | CR 26.114-0304 Relocating MTSINP, MTSIQoE, and MTSIMA MOs as Attachments (Release 12) | Samsung Electronics Co., Ltd | 10.4 | S4-150173 |
| S4-150018 | CR 26.445-0003 Corrections to the Algorithmic and the RTP Payload Format Descriptions (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150217 |
| S4-150019 | Draft WID for Multi-channel TV Services in 3GPP | Qualcomm Incorporated | 7 | S4-150193 |
| S4-150020 | eDASH: Draft CR for Alignment with ISO/IEC 23009-1:2014 | Qualcomm Incorporated | 7 |  |
| S4-150021 | eDASH: Draft CR for Improved Live Services | Qualcomm Incorporated | 7 |  |
| S4-150022 | eDASH: Draft CR for Ad Insertion | Qualcomm Incorporated | 7 |  |
| S4-150023 | eDASH: Draft CR for Common Encryption | Qualcomm Incorporated | 7 |  |
| S4-150024 | eDASH: Industry Profile Alignment | Qualcomm Incorporated | 7 | S4-150199 |
| S4-150025 | TV-Prof: Draft CR to Technical report on DVB Response | Qualcomm Incorporated | 9 |  |
| S4-150026 | TV-Prof: On Mobile Display Capabilities | Qualcomm Incorporated | 9 |  |
| S4-150027 | FS\_VE\_3MS: Proposed Time Plan | Qualcomm Incorporated (FS\_VE\_3MS Rapporteur) | 9 | S4-150145 |
| S4-150028 | FS\_VE\_3MS: Proposed Skeleton for TR 26.9xy "Study on Video Enhancements in 3GPP Multimedia Services" | Qualcomm Incorporated, INTERDIGITAL COMMUNICATIONS | 9 |  |
| S4-150029 | FS\_VE\_3MS: SHVC overview for TR 26.9xy "Study on Video Enhancements in 3GPP Multimedia Services" | Qualcomm Incorporated, INTERDIGITAL COMMUNICATIONS | 9 |  |
| S4-150030 | FS\_VE\_3MS: Proposed test conditions | Qualcomm Incorporated, INTERDIGITAL COMMUNICATIONS | 9 |  |
| S4-150031 | Testing conditions and evaluation criteria for VTRI\_EXT Study | Qualcomm Incorporated | 9.6 |  |
| S4-150032 | Proposed WID Update: MTSI Extension on Multi-stream Multiparty Conferencing Media Handling (MMCMH) | Qualcomm Incorporated | 10 | S4-150167 |
| S4-150033 | IMS\_TELEP\_S4: Updated Time Plan | Intel (IMS\_TELEP\_S4 Rapporteur) | 10.5.3 | S4-150171 |
| S4-150034 | IMS\_TELEP\_S4: Updated TR on Study of Media Handling Aspects of IMS-based Telepresence (Release 13) v0.2.0 | Intel (IMS\_TELEP\_S4 Rapporteur) | 10.5.3 |  |
| S4-150035 | IMS\_TELEP\_S4: Telepresence System Architecture and Protocols | Intel | 10.5.3 |  |
| S4-150036 | IMS\_TELEP\_S4: Media Handling Aspects of Telepresence Systems from ITU-T SG16 | Intel | 10.5.3 |  |
| S4-150037 | ROI: Updated Time Plan | Intel (ROI Rapporteur) | 10.5.4 | S4-150165 |
| S4-150038 | ROI: Updated Permanent Document | Intel (ROI Rapporteur) | 10.5.4 |  |
| S4-150039 | Proposed ROI Signaling Framework | Intel | 10.5.4 |  |
| S4-150040 | Draft CR 26.114 Video Region-of-Interest Signaling | Intel | 10.5.4 |  |
| S4-150041 | LS Proposal to CT on ROI Work | Intel | 10.5.4 | S4-150166 |
| S4-150042 | eDASH: Proposed Quality Metadata Carriage Framework based on ISO/IEC 23001-10 | Intel | 7.7 |  |
| S4-150043 | eDASH: Draft CR 26.244 Quality Metadata Carriage | Intel | 7.7 |  |
| S4-150044 | FS\_IS3 Study: Proposed Interactivity Use Cases WITHDRAWN MISSING | Intel | 7.8 |  |
| S4-150045 | Time and Work Plan for Time plan for FS\_IS3 | Qualcomm Incorporated (FS\_IS3 Rapporteur) | 7.8 | S4-150150 |
| S4-150046 | Document Template for TR 26.953 (FS\_IS3) | Qualcomm Incorporated (FS\_IS3 Rapporteur) | 7.8 | S4-150197 |
| S4-150047 | Proposed Use Cases for FS\_IS3 | Qualcomm Incorporated | 7.8 | S4-150196 |
| S4-150048 | Overview of Service Interactivity in ATSC (for FS\_IS3)  | Qualcomm Incorporated | 7.8 |  |
| S4-150049 | CR 26.346-0434 Clarification of Cell-ID in Reception Reports (Release 10) | Qualcomm Incorporated | 7.5 | S4-150135 |
| S4-150050 | CR 26.346-0435 Clarification of Cell-ID in Reception Reports (Release 11) | Qualcomm Incorporated | 7.5 | S4-150136 |
| S4-150051 | CR 26.346-0436 Clarification of Cell-ID in Reporting of UE’s Location (Release 12) | Qualcomm Incorporated | 7.5 | S4-150137 |
| S4-150052 | CR 26.346-0437 Multiple TMGIs in SDP (Release 11) | Qualcomm Incorporated, Samsung Electronics Co., Ltd | 7.5 | S4-150138 |
| S4-150053 | CR 26.346-0438 Multiple TMGIs in SDP (Release 12) | Qualcomm Incorporated, Samsung Electronics Co., Ltd | 7.5 | S4-150139 |
| S4-150054 | CR 26.346-0439 Additional Parameters for MBMS Consumption Report Response Message (Release 12) POSTPONED | Qualcomm Incorporated, Ericsson LM | 7.5 |  |
| S4-150055 | CR 26.247-0076 Partial Segment Delivery Support (Release 13) WITHDRAWN | Qualcomm Incorporated | 7.7 |  |
| S4-150056 | CR 26.114-0305 Correcting b=AS values (Release 12) | Samsung Electronics Co., Ltd | 6.4 | S4-150235 |
| S4-150057 | Mosaic service using DASH SRD | Sony Europe Limited | 7.7 | S4-150195 |
| S4-150058 | Overview of HbbTV and DVB broadcast interactivity | Sony Europe Limited | 7.8 |  |
| S4-150059 | ONVIF PTZ camera control protocol | Sony Europe Limited | 10.5.4 |  |
| S4-150060 | LS on codec support in IMS-WebRTC | TSG CT WG1 | 4.3 |  |
| S4-150061 | LS on support for non-3GPP codecs in IMS-WebRTC | TSG CT | 4.3 |  |
| S4-150062 | LS on FQDN for Bootstrapping MBMS Service Announcement | TSG CT WG4 | 4.3, 7 |  |
| S4-150063 | LS to SA on 3GPP work organization for Mission Critical Push to Talk | TSG SA WG5 | 4.3 |  |
| S4-150064 | LS on Establishment of new working group TSG SA WG6 | TSG SA | 4.3 |  |
| S4-150065 | LS on Speech Performance Test Methods for Wearable Devices | CTIA Audio Working Group | 4.4, 8.3 |  |
| S4-150066 | LS Reply to CT4 on FQDN for Bootstrapping MBMS Service Announcements | GSMA NG PACKET | 4.4, 7 |  |
| S4-150067 | LS on Updated versions of P.1100 and P.1110 that have been consented | ITU-T SG12 | 4.4, 8.3 |  |
| S4-150068 | Positional robustness testing | HEAD acoustics GmbH | 8.8 |  |
| S4-150069 | CR 26.442-0004 Corrections in Main Document (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150212 |
| S4-150070 | CR 26.442-0005 Removal of Floating Point remnants in the EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150071 | CR 26.442-0006 Bugfixes to EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150128 |
| S4-150072 | CR 26.442-0007 Implementation of the compact storage format in the EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150129 |
| S4-150073 | CR 26.442-0008 Composite ZIP of EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150074 | CR 26.443-0001 Corrections in Main Document (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150213 |
| S4-150075 | CR 26.443-0002 Bugfixes to EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150130 |
| S4-150076 | CR 26.443-0003 Implementation of the compact storage format in the EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150131 |
| S4-150077 | CR 26.443-0004 Composite ZIP of EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150232 |
| S4-150078 | TVProf: Pseudo CR for MBMS DASH format TV profile features | Ericsson LM | 9.4 | S4-150143 |
| S4-150079 | TVProf: TS 26.cde TV over 3GPP services; Video Profiles v0.0.1 | Editor (Ericsson LM) | 9.4, 14.6.2 |  |
| S4-150080 | Update of MCPTT WID | Ericsson LM, Samsung Electronics Co., Ltd., Intel | 7.9, 16 | S4-150192 |
| S4-150081 | CR 26.346-0440 ADPD Example correction (Release 12) | Ericsson LM | 7.5, 12.9 |  |
| S4-150082 | CR 26.346-0441 APN in deliveryMethod (Release 12) | Ericsson LM | 7.5, 12.11 |  |
| S4-150083 | CR 26.946-0008 AvailabilityTimeOffset Cardinality (Release 12) | Ericsson LM | 7.5 | S4-150188 |
| S4-150084 | CR 26.946-0009 MBMS Guidelines Release 12 update (Release 12) | Ericsson LM | 7.5 | S4-150189 |
| S4-150085 | CR 26.102-0030 Use of CMR=15 on Nb and AoIP for AMR and AMR-WB (Release 12) POSTPONED | Ericsson LM | 10.4 |  |
| S4-150086 | CR 26.114-0298 rev 2 MTSI Client Answer to an Open Offer (Release 12) POSTPONED | Ericsson LM | 10.4 |  |
| S4-150087 | Discussion Paper on Offer-Answer for AMR and AMR-WB | Ericsson LM | 10.4 |  |
| S4-150088 | Codec support for WebRTC IMS Clients in 3GPP UEs | Ericsson LM, ORANGE, Telecom Italia S.p.A. | 4.3 | S4-150210 |
| S4-150089 | MMCMH Project plan, v0.0.1 | MMCMH rapporteur (Ericsson LM) | 10.5.2 | S4-150169 |
| S4-150090 | MMCMH Permanent Document v0.0.1 | Ericsson LM | 10.5.2 | S4-150168 |
| S4-150091 | MMCMH Use cases and discussion on solutions | Ericsson LM | 10.5.2 |  |
| S4-150092 | eDASH: Network Control of DASH WITHDRAWN MISSING | Ericsson LM | 7.7 |  |
| S4-150093 | CR 26.114-0306 Alignments to VoLTE (GSMA IR.92) (Release 12) | Ericsson LM | 10.4 | S4-150177 |
| S4-150094 | QOSE2EMTSI Project plan, v0.0.4 | QOSE2EMTSI rapporteur (Ericsson LM) | 10.5.1 | S4-150179 |
| S4-150095 | Proposed update to TR 26.924 (QOSE2EMTSI) on proposed requirements | Ericsson LM | 10.5.1 |  |
| S4-150096 | Active Data Rate (ADR) Value for the EVS Characterization Experiment N4  | DELTA, Ericsson LM | 6.3.2 |  |
| S4-150097 | CR 26.444-0003 Update of test vectors for the EVS codec (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150098 | EVS Permanent Document (EVS-12): Incorporating EVS into TS 26.114, v. 0.4 | Editor (Ericsson LM) | 6.4, 12.7 |  |
| S4-150099 | Discussion on the Service Announcement Profile for MBMS | Ericsson LM | 7.9, 17 |  |
| S4-150100 | New WID on Service Announcement Profile for MBMS Services (SAPMS) | Ericsson LM, Qualcomm Incorporated, Expway | 7.9, 17 | S4-150200 |
| S4-150101 | VTRI\_EXT Project plan, v0.0.1 | VTRI\_EXT rapporteur | 9.6, 14.5 |  |
| S4-150102 | HTML5 timeplan | Samsung Electronics Co., Ltd (Rapporteur) | 7 | S4-150190 |
| S4-150103 | HTML5 draft specification | Samsung Electronics Co., Ltd | 7 | S4-150191 |
| S4-150104 | Draft new WID on MBMS Profiling | Samsung Electronics Co., Ltd | 7, 17 | S4-150194 |
| S4-150105 | Content Playback Enforcement | Samsung Electronics Co., Ltd | 7 |  |
| S4-150106 | Mapping of RTP Streams to CLUE Media Captures | HuaWei Technologies Co., Ltd | 10.5.3 |  |
| S4-150107 | Session Set up and Control Procedures for TP UE | HuaWei Technologies Co., Ltd | 10.5.3 |  |
| S4-150108 | Proposed Solution for Predefined ROI | HuaWei Technologies Co., Ltd | 10.5.4 |  |
| S4-150109 | Proposed Solution for Proximity ROI | HuaWei Technologies Co., Ltd | 10.5.4 |  |
| S4-150110 | CR 26.247-0077 Ad support for eDASH (Release 13) REJECTED | HuaWei Technologies Co., Ltd | 7 |  |
| S4-150111 | CR 26.346-0442 File repair correction to support multiple FLUTE sessions (Release 12) WITHDRAWN | HuaWei Technologies Co., Ltd | 7 |  |
| S4-150112 | CR 26.346-0443 Reference cleanup-MBMS (Release 13) | HuaWei Technologies Co., Ltd | 7 | S4-150184 |
| S4-150113 | Draft WID eMBMS enhancement for MCPTT | HuaWei Technologies Co., Ltd | 7 |  |
| S4-150114 | MCPTT discussion | HuaWei Technologies Co., Ltd | 7, 16 |  |
| S4-150115 | Update of EVS codec development overview (EVS-1) | Editor (EVS chairman) | 6.7 | S4-150220 |
| S4-150116 | CR 26.447-0002 Corrections to the description of the packet loss concealment algorithm (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150117 | Draft Report from SA4 EVS SWG Teleconference#42 | EVS SWG Secretary (ORANGE) | 4.2 |  |
| S4-150118 | Draft Report from SA4 EVS SWG Teleconference#43 | EVS SWG Secretary (ORANGE) | 4.2 |  |
| S4-150119 | Draft Report from SA4 EVS SWG Teleconference#44 | EVS SWG Secretary (ORANGE) | 4.2 |  |
| S4-150120 | Pseudo-CR to TR 26.952 for inclusion of objective data | ORANGE  | 6 |  |
| S4-150121 | On Enhanced UE delay testing | ORANGE | 8.7 |  |
| S4-150122 | On support of EVS in 3G CS networks | Qualcomm Incorporated, HuaWei Technologies Co., Ltd | 6 |  |
| S4-150123 | CR 26.114-0307 Corrections on Introduction of EVS into MTSI (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150236 |
| S4-150124 | CR 26.952-0001 Corrections (Release 12) | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150219 |
| S4-150125 | WebRTC Codecs | Nokia Networks | 4.3 |  |
| S4-150126 | Draft Project plan for ATEMPO-SPINE work item | Editor (Qualcomm Incorporated) | 8.5 | S4-150225 |
| S4-150127 | Reply Liaison Statement on TV Video Profile | DVB TM-AVC | 4.4 |  |
| S4-150128 | CR 26.442-0006 rev 1 Bugfixes to EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150218 |
| S4-150129 | CR 26.442-0007 rev 1 Implementation of the compact storage format in the EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150214 |
| S4-150130 | CR 26.443-0002 rev 1 Bugfixes to EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150215 |
| S4-150131 | CR 26.443-0003 rev 1 Implementation of the compact storage format in the EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150216 |
| S4-150132 | CR 26.173-0030 rev 1 Correction on AMR-WB (noise energy initialization) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7 | S4-150221 |
| S4-150133 | CR 26.173-0031 rev 1 Correction on AMR-WB (out-of-bound memory access) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7 | S4-150223 |
| S4-150134 | CR 26.204-0016 Correction on AMR-WB (noise energy initialization) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7 | S4-150222 |
| S4-150135 | CR 26.346-0434 rev 1 Clarification of Cell-ID in Reception Reports (Release 10) | Qualcomm Incorporated | 7.5 | S4-150185 |
| S4-150136 | CR 26.346-0435 rev 1 Clarification of Cell-ID in Reception Reports (Release 11) | Qualcomm Incorporated | 7.5 | S4-150186 |
| S4-150137 | CR 26.346-0436 rev 1 Clarification of Cell-ID in Reporting of UE’s Location (Release 12) | Qualcomm Incorporated | 7.5 | S4-150187 |
| S4-150138 | CR 26.346-0437 rev 1 Multiple TMGIs in SDP (Release 11) POSTPONED | Qualcomm Incorporated, Samsung Electronics Co., Ltd | 7.5 |  |
| S4-150139 | CR 26.346-0438 rev 1 Multiple TMGIs in SDP (Release 12) POSTPONED | Qualcomm Incorporated, Samsung Electronics Co., Ltd | 7.5 |  |
| S4-150140 | Draft CR 26.931 Addition of objective predictions for double-talk ratings | Audience, Inc. | 8.8 | S4-150227 |
| S4-150141 | Draft TR 26.922 Video Telephony Robustness Improvements Extensions (VTRI\_EXT); Performance Evaluation v0.0.1 | Qualcomm Incorporated (rapporteur) | 9 | S4-150144 |
| S4-150142 | Draft TR on TVProf v0.2.0 | Editor (Qualcomm Incorporated) | 9 | S4-150148 |
| S4-150143 | TVProf: Pseudo CR for MBMS DASH format TV profile features | Ericsson LM | 9.4 |  |
| S4-150144 | Draft TR 26.922 Video Telephony Robustness Improvements Extensions (VTRI\_EXT); Performance Evaluation v0.1.0 | VTRI\_EXT Editor | 9, 14.5.1 |  |
| S4-150145 | FS\_VE\_3MS Timeplan | FS\_VE\_3MS Rapporteur | 15.2 |  |
| S4-150146 | Draft TR 26.948 FS\_VE\_3MS, v. 0.1.0 | FS\_VE\_3MS Rapporteur | 15.2 |  |
| S4-150147 | Draft VIDEO SWG Report during SA4#82 | Chairman VIDEO SWG | 13.5 |  |
| S4-150148 | Draft TR on TVProf v0.2.0 | Editor (Qualcomm Incorporated) | 14.6.1 |  |
| S4-150149 | TVProf Work Item Timeplan v2.0 | ORANGE (Rapporteur) | 14.6 |  |
| S4-150150 | Time and Work Plan for Time and Work Plan for FS\_IS3 | Qualcomm Incorporated (FS\_IS3 Rapporteur) | 15.3 |  |
| S4-150151 | Draft LS on "MBMS Interest Indication for MooD (MBMS operation on Demand)" (To: RAN2) | Qualcomm Incorporated | 11, 12.9 | S4-150156 |
| S4-150152 | Draft New WID MBMS Extensions and Profiling (MEPRO) | Apple (UK) Limited, Ericsson LM, Expway, Intel, HuaWei Technologies Co., Ltd, one2many B.V., Qualcomm Incorporated, Samsung Electronics Co., Ltd, Sony Europe Limited | 17 | S4-150153 |
| S4-150153 | New WID MBMS Extensions and Profiling (MEPRO) | Apple (UK) Limited, Ericsson LM, Expway, Intel, HuaWei Technologies Co., Ltd, one2many B.V., Qualcomm Incorporated, Samsung Electronics Co., Ltd, Sony Europe Limited | 17 | S4-150157 |
| S4-150154 | Permanent Document on responsibilities within WID MBMS Extensions and Profiling (MEPRO) | Apple (UK) Limited, Ericsson LM, Expway, Intel , HuaWei Technologies Co., Ltd, one2many B.V., ORANGE, Qualcomm Incorporated, Samsung Electronics Co., Ltd, Sony Europe Limited | 17 |  |
| S4-150155 | Reply to LS on MPEG-DASH (To: ISO/IEC JTC1/SC29/WG11 (MPEG))  | TSG SA WG4 | 4.4, 11 |  |
| S4-150156 | LS on "MBMS Interest Indication for MooD (MBMS operation on Demand)" (To: RAN2)  | TSG SA WG4 | 11, 12.9 |  |
| S4-150157 | New WID MBMS Extensions and Profiling (MEPRO) | Apple (UK) Limited, Ericsson LM, Expway, Intel, HuaWei Technologies Co., Ltd, one2many B.V., Qualcomm Incorporated, Samsung Electronics Co., Ltd, Sony Europe Limited | 17 |  |
| S4-150158 | Not used |  |  |  |
| S4-150159 | Not used |  |  |  |
| S4-150160 | Not used |  |  |  |
| S4-150161 | IMS\_TELEP\_S4: Updated TR on Study of Media Handling Aspects of IMS-based Telepresence (Release 13) v0.3.0 | Intel (IMS\_TELEP\_S4 Rapporteur) | 10.5.3, 14.3.1 |  |
| S4-150162 | TR 26.924, Study on improved end-to-end QoS handling for MTSI, 0.1.7 | Ericsson LM | 10.5.1, 14.1.1 |  |
| S4-150163 | LS on TR 26.924 Study on improved end-to-end QoS handling (To: 3GPP TSG SA WG2, 3GPP TSG CT WG1, 3GPP TSG CT WG3, 3GPP TSG CT WG4) | Ericsson LM | 10.5.1, 14.1.1 |  |
| S4-150164 | ROI: Updated Permanent Document v. 0.7.0 | Intel (ROI Rapporteur) | 14.4 |  |
| S4-150165 | ROI: Updated Time Plan v. 0.4.0 | Intel (ROI Rapporteur) | 14.4 |  |
| S4-150166 | Draft LS on CT Impacts of the ROI WI (To CT1, CT3 and CT4) | Intel | 14.4 | S4-150250 |
| S4-150167 | Proposed WID Update: MTSI Extension on Multi-stream Multiparty Conferencing Media Handling (MMCMH) | Qualcomm Incorporated, Ericsson LM, Cisco Systems | 10.5.2, 14.2 |  |
| S4-150168 | MMCMH Permanent Document v0.0.2 | Ericsson LM | 10.5.2, 14.2 |  |
| S4-150169 | MMCMH Project plan, v0.0.1 (update of S4-150089) | MMCMH rapporteur (Ericsson LM) | 10.5.2, 14.2 |  |
| S4-150170 | LS to IETF CLUE WG on media handling aspects related to CLUE protocol | HuaWei Technologies Co., Ltd | 10.5.3 | S4-150241 |
| S4-150171 | IMS\_TELEP\_S4: Updated Time Plan v. 0.3.0 | Intel (IMS\_TELEP\_S4 Rapporteur) | 10.5.3, 14.3 |  |
| S4-150172 | CR 26.114-0303 rev 1 Separation of video codec parameters in SDP (Release 12) | Samsung Electronics Co., Ltd | 10.4, 12.1 |  |
| S4-150173 | CR 26.114-0304 rev 1 Relocating MTSINP, MTSIQoE, and MTSIMA MOs as Attachments (Release 13) | Samsung Electronics Co., Ltd | 10.4, 12.11 | S4-150209 |
| S4-150174 | CR 26.114-0308 Alignments to VoLTE (GSMA IR.92) (Release 9) | Ericsson LM, Samsung Electronics Co., Ltd, Intel | 10.4, 12.11 |  |
| S4-150175 | CR 26.114-0309 Alignments to VoLTE (GSMA IR.92) (Release 10) | Ericsson LM, Samsung Electronics Co., Ltd, Intel | 10.4, 12.11 |  |
| S4-150176 | CR 26.114-0310 Alignments to VoLTE (GSMA IR.92) (Release 11) | Ericsson LM, Samsung Electronics Co., Ltd, Intel | 10.4, 12.11 |  |
| S4-150177 | CR 26.114-0306 rev 1 Alignments to VoLTE (GSMA IR.92) (Release 12) | Ericsson LM, Samsung Electronics Co., Ltd, Intel | 10.4, 12.11 |  |
| S4-150178 | Presentation of Specification/Report to TSG: TS 24.924, Version 1.0.0 | Ericsson LM | 14.1.1 | S4-150249 |
| S4-150179 | QOSE2EMTSI Project plan, v0.0.5 | QOSE2EMTSI rapporteur (Ericsson LM) | 10.5.1, 14.1 |  |
| S4-150180 | Draft Report of the MTSI SWG meeting held during SA4#82 | SA4 MTSI SWG Acting Secretaries | 13.3 |  |
| S4-150181 | MBS SWG report | MBS Chairman (Ericsson LM) | 13.2 |  |
| S4-150182 | Draft LS Reply to GSMA NG PACKET on FQDN for Bootstrapping MBMS Service Announcements | MBS SWG | 4.4 | S4-150204 |
| S4-150183 | Draft reply to LS to ISO/IEC JTC1/SC29/WG11 (MPEG) on MPEG-DASH | Qualcomm Incorporated | 7.3 | S4-150206 |
| S4-150184 | CR 26.346-0443 rev 1 Reference cleanup-MBMS (Release 13) | HuaWei Technologies Co., Ltd | 7.5, 14.12 |  |
| S4-150185 | CR 26.346-0434 rev 2 Clarification of Cell-ID in Reception Reports (Release 10) | Qualcomm Incorporated | 7.5, 12.11 |  |
| S4-150186 | CR 26.346-0435 rev 2 Clarification of Cell-ID in Reception Reports (Release 11) | Qualcomm Incorporated | 7.5, 12.11 |  |
| S4-150187 | CR 26.346-0436 rev 2 Clarification of Cell-ID in Reporting of UE’s Location (Release 12) | Qualcomm Incorporated | 7.5 | S4-150205 |
| S4-150188 | CR 26.946-0008 rev 1 AvailabilityTimeOffset Cardinality (Release 12) | Ericsson LM | 7.5, 12.9 |  |
| S4-150189 | CR 26.946-0009 rev 1 MBMS Guidelines Release 12 update (Release 12) | Ericsson LM | 7.5, 12.9 |  |
| S4-150190 | HTML5 timeplan | Samsung Electronics Co., Ltd (Rapporteur) | 7, 14.7 |  |
| S4-150191 | HTML5 draft specification | Samsung Electronics Co., Ltd | 7 |  |
| S4-150192 | Update of MCPTT WID | Ericsson LM, HuaWei Technologies Co., Ltd, Intel | 7.9 | S4-150201 |
| S4-150193 | Draft WID for Multi-channel TV Services in 3GPP | Qualcomm Incorporated | 7 | S4-150202 |
| S4-150194 | Draft WID on MBMS Profiling (MPRO) | Samsung Electronics Co. Ltd | 7, 17 |  |
| S4-150195 | Mosaic service using DASH SRD | Sony Europe Limited | 7.7 |  |
| S4-150196 | Proposed Use Cases for FS\_IS3 | Qualcomm Incorporated | 7.8 | S4-150198 |
| S4-150197 | TR 26.953 v0.0.2 (FS\_IS3) | Qualcomm Incorporated (FS\_IS3 Rapporteur) | 7.8 | S4-150207 |
| S4-150198 | Proposed Use Cases for FS\_IS3 | Qualcomm Incorporated | 7.8, 15.3 |  |
| S4-150199 | eDASH: Industry Profile Alignment | Qualcomm Incorporated | 7.7 |  |
| S4-150200 | New WID on Service Announcement Profile for MBMS Services (SAPMS) | Ericsson LM, Qualcomm Incorporated, Expway | 7.9, 17 |  |
| S4-150201 | Update of MCPTT WID | Ericsson LM, HuaWei Technologies Co., Ltd, Intel, Deutsche Telekom AG, Expway, Samsung Electronics Co., Ltd | 7.9, 16 | S4-150246 |
| S4-150202 | Draft Study Item on Multi-program Digital TV Services | Qualcomm Incorporated | 7, 17 |  |
| S4-150203 | Draft LS to DASH-IF on enhanced DASH | Qualcomm Incorporated | 7.7 | S4-150208 |
| S4-150204 | LS Reply on FQDN for Bootstrapping MBMS Service Announcements (To: GSMA NG PACKET, Cc: TSG CT WG4) | TSG SA WG4 | 4.4, 11 |  |
| S4-150205 | CR 26.346-0436 rev 3 Clarification of Cell-ID in Reporting of UE’s Location (Release 12) | Qualcomm Incorporated | 7.5, 12.9 |  |
| S4-150206 | Draft reply to LS on MPEG-DASH (To: ISO/IEC JTC1/SC29/WG11 (MPEG)) | TSG SA WG4 | 4.4, 7.3 | S4-150155 |
| S4-150207 | TR 26.953 v0.1.0 (FS\_IS3) | Qualcomm Incorporated (FS\_IS3 Rapporteur) | 7.8, 15.3 |  |
| S4-150208 | LS on Enhanced DASH (To: DASH-IF) | Qualcomm Incorporated | 7.7, 14.8 |  |
| S4-150209 | CR 26.114-0304 rev 2 Relocating MTSINP, MTSIQoE, and MTSIMA MOs as Attachments (Release 12) | Samsung Electronics Co., Ltd | 12.11 |  |
| S4-150210 | DRAFT LS reply on codec support in IMS-WebRTC (revision of S4-150088) | Ericsson LM, ORANGE, Telecom Italia S.p.A, Nokia Corporation | 4.3 | S4-150224 |
| S4-150211 | LS reply on the reference of frequency band definition in terminal acoustic testing (To: ITU-T SG12) | TSG SA WG4 | 4.4, 8.9, 11 |  |
| S4-150212 | CR 26.442-0004 rev 1 Corrections to the text of the specification (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150213 | CR 26.443-0001 rev 1 Corrections to the text of the specification (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150214 | CR 26.442-0007 rev 2 Implementation of the compact storage format in the EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 | S4-150244 |
| S4-150215 | CR 26.443-0002 rev 2 Bugfixes to EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150216 | CR 26.443-0003 rev 2 Implementation of the compact storage format in the EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 | S4-150245 |
| S4-150217 | CR 26.445-0003 rev 1 Corrections to the Algorithmic and the RTP Payload Format Descriptions (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150218 | CR 26.442-0006 rev 2 Bugfixes to EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150219 | CR 26.952-0001 rev 1 Correction of values and figures (Release 12) | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1 | S4-150231 |
| S4-150220 | EVS codec development overview (EVS-1), v. 1.0.0 | Editor (EVS chairman) | 6.7, 12.7 |  |
| S4-150221 | CR 26.173-0030 rev 2 Correction on AMR-WB (noise energy initialization) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7, 12.11 |  |
| S4-150222 | CR 26.204-0016 rev 1 Correction on AMR-WB (noise energy initialization) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7, 12.11 |  |
| S4-150223 | CR 26.173-0031 rev 2 Correction on AMR-WB (out-of-bound memory access) (Release 12) | Qualcomm Incorporated, Ericsson LM | 6.7, 12.11 |  |
| S4-150224 | LS reply on codec support in IMS-WebRTC (revision of S4-150210) (To: CT1, Cc: CT4, SA, CT, SA2) | TSG SA WG4 | 4.3, 11 |  |
| S4-150225 | Project plan for ATEMPO-SPINE work item | Editor (Qualcomm Incorporated) | 8.5, 14.11 |  |
| S4-150226 | Reply LS on GSMA HD Voice Logo Requirements Roadmap (To: GSMA TSGVLR) | TSG SA WG4 | 8.9, 11 |  |
| S4-150227 | Draft CR 26.931 Addition of objective predictions for double-talk ratings | Audience, Inc. | 8.8 |  |
| S4-150228 | Time plan for E\_LTE\_UED Work Item, v. 0.2.0 | Rapporteur (ORANGE) | 8.7, 14.10 |  |
| S4-150229 | Draft TR 26.931 Study of Enhanced Acoustic Test Specifications (FS\_SEATS), v. 0.0.4 | Rapporteurs (Audience Inc., Intel) | 8.8, 15.1 |  |
| S4-150230 | Draft CR 26.931 Addition of text to sub-clause 5.3 | HEAD acoustics GmbH | 8.8 | S4-150237 |
| S4-150231 | CR 26.952-0001 rev 2 Correction of values and figures (Release 12) | Ericsson LM, Fraunhofer IIS, Huawei Technologies Co. Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150232 | CR 26.443-0004 rev 1 Composite ZIP of EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150233 | Draft CR 26.931 Addition of details on experimental set up for subjective evaluation of double talk [FS\_SEATS] | Audience, Inc. | 8.8 |  |
| S4-150234 | CR 26.114-0302 rev 1 "max-red" and "channels" parameters for EVS Primary and AMR-WB IO modes (Release 12) | Samsung Electronics Co., Ltd | 6.4, 12.7 | S4-150243 |
| S4-150235 | CR 26.114-0305 rev 1 Correcting b=AS values (Release 12) | Samsung Electronics Co., Ltd | 6.4, 12.7 |  |
| S4-150236 | CR 26.114-0307 rev 1 Corrections on Introduction of EVS into MTSI (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 6.3.1, 12.7 |  |
| S4-150237 | Draft CR 26.931 Addition of text to sub-clause 5.3 | HEAD acoustics GmbH | 8.8, 15.1 |  |
| S4-150238 | Draft CR 26.131 UE delay requirements for MTSI-based services over LTE with the EVS codec | ORANGE | 8.7 |  |
| S4-150239 | Draft CR 26.132 UE delay test methods for MTSI-based services over LTE with the EVS codec | ORANGE | 8.7 |  |
| S4-150240 | Reply LS on speech quality in the presence of background noise (To: ETSI TC STQ) | TSG SA WG4 | 4.4, 8.9, 11 |  |
| S4-150241 | LS to IETF CLUE WG on media handling aspects related to CLUE protocol (To: IETF CLUE, Cc: TSG CT WG1) | HuaWei Technologies Co., Ltd | 14.3.1 |  |
| S4-150242 | EVSoCS Project Plan v.0.1 | Rapporteur | 14.9 | S4-150247 |
| S4-150243 | CR 26.114-0302 rev 2 "max-red" and "channels" parameters for EVS Primary and AMR-WB IO modes (Release 12) | Samsung Electronics Co., Ltd | 12.7 |  |
| S4-150244 | CR 26.442-0007 rev 3 Implementation of the compact storage format in the EVS Fixed Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 12.7 |  |
| S4-150245 | CR 26.443-0003 rev 3 Implementation of the compact storage format in the EVS Floating Point Source Code (Release 12) | Ericsson LM, Fraunhofer IIS, HuaWei Technologies Co., Ltd, Nokia Corporation, NTT, NTT DOCOMO, INC., ORANGE, Panasonic Corporation, Qualcomm Incorporated, Samsung Electronics Co., Ltd., VoiceAge, ZTE Corporation | 12.7 |  |
| S4-150246 | Update of MCPTT WID | Ericsson LM, HuaWei Technologies Co., Ltd, Intel, Deutsche Telekom AG, Expway, Samsung Electronics Co., Ltd, Qualcomm Incorporated | 16 | S4-150248 |
| S4-150247 | EVSoCS Project Plan v.0.2 | Rapporteur | 14.9 |  |
| S4-150248 | Update of MCPTT WID | Ericsson LM, HuaWei Technologies Co., Ltd, Intel, Deutsche Telekom AG, Expway, Samsung Electronics Co., Ltd, Qualcomm Incorporated | 16 |  |
| S4-150249 | Presentation of Report to TSG: TR 26.924 Study on improved end-to-end QoS handling for MTSI (Release 13), Version 1.0.0 | TSG SA WG4 | 14.1.1 |  |
| S4-150250 | LS on CT Impacts of the ROI WI (To: CT1, CT3, CT4) | TSG SA WG4 | 11, 14.4 |  |
| S4-150251 | Draft report from SA4#82 EVS SWG | EVS SWG Secretary | 13.1 |  |
| S4-150252 | LS reply on video formats and profiles | ATSC | 9.9, 11 |  |
| S4-150253 | Response from DECE to 3GPP on TV Video Profiles | DECE | 9.9, 11 |  |
| S4-150254 | CR 26.132-0082 Minor corrections and editorial enhancements to acoustic test method descriptions (Release 12) | Sony Mobile Communications, ORANGE, Audience Inc., Intel | 8.4, 12.10 |  |
| S4-150255 | Draft Report of SA4#82 meeting, v. 0.0.1 | TSG SA WG4 Secretary |  |  |