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| **Tdoc number** | **Title** | **Source** | **Agenda Item** | **Replaced by** | **Status** | **SA4 A.I. for Tdocs presented at SA4 plenary from SWG** |

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| S4-140260 | Draft Report of SA4#77 meeting, v. 0.0.1 | TSG-S4 Secretary | 3 |  | approved |  |
| S4-140261 | Proposed meeting agenda for SA4#78 | SA4 Chairman | 2 | (until R7) | approved |  |
| S4-140262 | Proposed meeting schedule for SA4#78 | SA4 Chairman | 2 | (until R1) | agreed |  |
| S4-140263 | Report from SA#63 on SA4 matters | SA4 Chairman | 4.1 |  | noted |  |
| S4-140264 | Report from SA4 MTSI SWG conf. call #3 on end-to-end video rate adaptation of E2EMTSI-S4 (February 27, 2014) | SA4 MTSI SWG Chairman | 4.2 |  | approved |  |
| S4-140265 | Report from SA4 MTSI SWG conf. call #4 on improved end-to-end QoS handling of E2EMTSI-S4 (March 20, 2014) | SA4 MTSI SWG Chairman | 4.2 |  | approved |  |
| S4-140266 | Proposed meeting agenda for MTSI SWG during SA4#78 | SA4 MTSI SWG Chairman | 10.2 | (until R6) | approved |  |
| S4-140267 | Reply LS on handling of QoS parameters between IPv4 and IPv6 systems | TSG CT WG3 | 4.3 |  | noted |  |
| S4-140268 | LS/r on the reference table of ITU-T Recommendations to be tested for conformity/interoperability, parameters and available test suites | IMTC | 4.4 |  | noted |  |
| S4-140269 | LS on Migration of eCall Transport | ETSI TC MSG | 4.4 |  | noted |  |
| S4-140270 | REPLY to LS on Clarifications on service requirements of MBMS on demand | TSG SA WG1 | 4.3 |  | noted |  |
| S4-140271 | Reply LS to SA4 on PSS DASH service | TSG SA WG2 | 4.3 |  | noted |  |
| S4-140272 | Reply LS on the UE capabilities regarding support of simultaneous MBMS bearers | TSG SA WG2 | 4.3 |  | noted |  |
| S4-140273 | LS Response on Applicability of MI-MooD to GCSE | TSG SA WG2 | 4.3 |  | postponed |  |
| S4-140274 | LS on GCSE QCIs and connected mode DRX | TSG SA WG2 | 4.3 |  | noted |  |
| S4-140275 | LS on "Speech quality performance in the presence of background noise: Background noise transmission for mobile terminals-objective test methods" | ETSI TC STQ | 4.4, 8.3 |  | noted |  |
| S4-140276 | LS on "Transmission requirements for Superwideband handheld (handset and handsfree) terminals" | ETSI TC STQ | 4.4, 8.3 |  | noted |  |
| S4-140277 | Proposed agenda for the SQ SWG meeting during SA4#78 | SQ SWG Chairman | 8.2 |  | approved |  |
| S4-140278 | On the Testing of Equivalence to the Direct Condition Allocation: EVS test plan | Samsung Electronics Co., Ltd, HuaWei Technologies Co., Ltd | 6 |  | agreed |  |
| S4-140279 | Discussion on EVS Characterization Phase Testing Allocation: EVS characterization planning | Samsung Electronics Co., Ltd, NTT, NTT DOCOMO, INC.) | 6 |  | noted |  |
| S4-140280 | Meeting Report for MBS SWG ad-hoc #30 conference call on MI\_EMO (11th February 2014) | MBS SWG Chairman (Ericsson) | 4.2 |  | approved |  |
| S4-140281 | Meeting Report for MBS SWG ad-hoc #31 conference call on MI\_EMO (10th March 2014) | MBS SWG Chairman (Ericsson) | 4.2 |  | approved |  |
| S4-140282 | Meeting Report for MBS SWG ad-hoc #32 conference call on MI\_MOOD (17th March 2014) | MBS SWG Chairman (Ericsson) | 4.2 |  | approved |  |
| S4-140283 | Proposed agenda for MBS SWG at SA4#78 | MBS SWG Chairman (Ericsson) | 7.2 | (until R5) | approved |  |
| S4-140284 | MI-EMO Update Text for Mosaic Use Case | Sony Europe Limited | 7 | S4-140428 | revised |  |
| S4-140285 | Draft CR 26.132 - Editorial changes of general test method applicability description and Headset UE sidetone test method (Release 12) | CATR | 8.4 |  | noted |  |
| S4-140286 | CMW500 Speech Delays for CS Radio Access Technologies | ROHDE & SCHWARZ | 8.4 |  | noted |  |
| S4-140287 | On system simulator Delay Definition for VoLTE | ROHDE & SCHWARZ | 8.5 | S4-140393 | revised |  |
| S4-140288 | LS on eMBMS broadcast areas with EUTRAN Cell Granularity | TSG SA WG2 | 4.3 |  | postponed |  |
| S4-140289 | CR 26.346-0366 FLUTE Cache Control Expires format (Release 9) | Ericsson, Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140290 | CR 26.346-0367 FLUTE Cache Control Expires format (Release 10) | Ericsson, Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140291 | CR 26.346-0368 FLUTE Cache Control Expires format (Release 11) | Ericsson, Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140292 | CR 26.346-0369 FLUTE Cache Control Expires format (Release 12) | Ericsson, Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140293 | MI-EMO: Discussion and Proposals on FLUTE+ | Ericsson | 7.7.1 | S4-140430 | revised |  |
| S4-140294 | Draft LS on RAN Counting for MI-MooD | Ericsson | 7.7.2 | S4-140424 | revised |  |
| S4-140295 | CR 26.346-0370 MBMS-mode attribute value correction (Release 9) | Ericsson | 7.5 |  | agreed | 12.4 |
| S4-140296 | CR 26.346-0371 MBMS-mode attribute value correction (Release 10) | Ericsson | 7.5 |  | agreed | 12.4 |
| S4-140297 | CR 26.346-0372 MBMS-mode attribute value correction (Release 11) | Ericsson | 7.5 |  | agreed | 12.4 |
| S4-140298 | CR 26.346-0373 MBMS-mode attribute value correction (Release 12) | Ericsson | 7.5 |  | agreed | 12.4 |
| S4-140299 | Draft CR 26.346 Live DASH over MBMS | Ericsson | 7.7.1 | S4-140444 | revised |  |
| S4-140300 | CR 26.346-0374 USD and Schedule Schema bug fixes (Release 12) | Ericsson | 7.7.1 |  | agreed | 14.3.2 |
| S4-140301 | CR 26.346-0375 MBMS session nomenclature correction (Release 12) | Ericsson | 7.5 | S4-140413 | revised | 14.10 |
| S4-140302 | CR 26.114-0277 Transmission of VPS, SPS and PPS (Release 12) | Ericsson | 9, 10 | S4-140406 | revised |  |
| S4-140303 | CR 26.114-0278 on SDP examples and QoS examples for H.265 (HEVC) (Release 12) | Ericsson | 9, 10 | S4-140407 | revised |  |
| S4-140304 | E2EMTSI project plan v0.4.1 | Ericsson | 10.6 | S4-140456 | revised |  |
| S4-140305 | CR 26.114-0279 Fixed-mobile interworking (Release 12) | Ericsson, ORANGE | 10.6.1 | S4-140453 | revised |  |
| S4-140306 | TR 26.924 Study on Improved end-to-end QoS handling, v0.0.6 | Editor (Ericsson) | 10.6.2 | S4-140334 | revised |  |
| S4-140307 | Draft CR 26.114 Video Rate Adaptation Requirements (Release 12) | Editor (Ericsson) | 10.6.3 | S4-140455 | revised |  |
| S4-140308 | CR 26.114-0274 rev 1 RTP profile negotiation (Release 12) | Ericsson | 10.7 |  | postponed |  |
| S4-140309 | On UE delay and vendor specific implementation delay | Ericsson | 8.5 |  | noted |  |
| S4-140310 | Measurements of UE delay for LTE access | Ericsson | 8.5 |  | noted |  |
| S4-140311 | On fixed point basic operators | Ericsson | 6.4 |  | agreed |  |
| S4-140312 | Proposed MNRU Conditions for the EVS Selection Tests | Dynastat, Inc. | 6 |  | noted |  |
| S4-140313 | LS/o/r on delay estimates using P.863 | ITU-T SG12 | 4.4, 8.3 |  | noted |  |
| S4-140314 | EVS Permanent Document EVS-8b: Test plans for selection, v. 1.0.3 | Editor (NTT DOCOMO, INC.) | 6 | S4-140489 | revised |  |
| S4-140315 | Proposed agenda for VIDEO SWG at SA4#78 | VIDEO SWG Chairman | 9 | (until R1) | approved |  |
| S4-140316 | New Draft Work Item Description on Video Telephony Robustness Improvements) | Qualcomm Incorporated | 10.8 | S4-140451 | revised |  |
| S4-140317 | Video Telephony Robustness Improvements | Qualcomm Incorporated | 10.8 |  | noted |  |
| S4-140318 | CR 26.346-0376 Correction of NTP timestamp definition and example (Release 9) | Qualcomm Incorporated | 7.5 | S4-140414 | revised |  |
| S4-140319 | CR 26.346-0377 Correction of NTP timestamp definition and example (Release 10) | Qualcomm Incorporated | 7.5 | S4-140415 | revised |  |
| S4-140320 | CR 26.346-0378 Correction of NTP timestamp definition and example (Release 11) | Qualcomm Incorporated | 7.5 | S4-140416 | revised |  |
| S4-140321 | CR 26.346-0379 Correction of NTP timestamp definition and example (Release 12) | Qualcomm Incorporated | 7.5 | S4-140417 | revised |  |
| S4-140322 | Additional Recommended Requirement and Gap Analyses for Multiple FLUTE Sessions for an MBMS User Service | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140323 | Solutions for Multiple FLUTE Sessions Carriage of an MBMS User Service | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140324 | CR 26.346-0380 Carriage of MBMS Service on Multiple FLUTE Sessions (Release 12) | Qualcomm Incorporated | 7.7.1 |  | withdrawn |  |
| S4-140325 | Architecture and Call Flow for Targeted Ad Insertion | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140326 | Assumptions on Targeted Ad Insertion | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140327 | MI-MooD:MBMS Service Configuration | Qualcomm Incorporated | 7.7.2 |  | noted |  |
| S4-140328 | MI:MooD: MBMS Service Initiation | Qualcomm Incorporated | 7.7.2 |  | noted |  |
| S4-140329 | MI-MooD:MBMS Service Consumption Reporting | Qualcomm Incorporated | 7.7.2 |  | agreed |  |
| S4-140330 | On UE delay in VoLTE | Audience, Inc. | 8.5 | S4-140400 | revised |  |
| S4-140331 | On UE noise suppression in VoLTE | Audience, Inc. | 8.5 |  | noted |  |
| S4-140332 | Handling Video Codec Parameter Set with a=imageattr" | Samsung Electronics Co., Ltd | 10.7 |  | withdrawn MISSING |  |
| S4-140333 | New Work Item on "Video Enhancements by Region-of-Interest Information Signalling" | Intel, TELECOM ITALIA S.p.A., HuaWei Technologies Co., Ltd, HiSilicon Technologies Co., Lt, Cisco Systems Belgium, Sony Mobile Communications | 10.8 | S4-140452 | revised | 17 |
| S4-140334 | Proposed Updates to TR 26.924 | Intel | 10.6 | S4-140454 | revised |  |
| S4-140335 | IS\_DASH: Proposed Enhancements for Server and Network Assisted DASH | Intel | 7.8 | S4-140434 | revised |  |
| S4-140336 | MI-EMO: Proposed Targeted Ad Insertion Framework | Intel | 7.7.1 |  | noted |  |
| S4-140337 | Draft CR 26.346 Targeted Ad Insertion | Intel | 7.7.1 |  | noted |  |
| S4-140338 | CR 26.247-0056 Updates to Registration of MIME Type for QoE Reports (Release 10) | Intel | 7.5 | S4-140418 | revised |  |
| S4-140339 | CR 26.247-0057 Updates to Registration of MIME Type for QoE Reports (Release 11) | Intel | 7.5 | S4-140419 | revised |  |
| S4-140340 | CR 26.247-0058 Updates to Registration of MIME Type for QoE Reports (Release 12) | Intel | 7.5 | S4-140420 | revised |  |
| S4-140341 | Gap and requirement for SAND | HuaWei Technologies Co., Ltd | 7 |  | noted |  |
| S4-140342 | Gap and requirement for Ad insertion | HuaWei Technologies Co., Ltd | 7 |  | noted |  |
| S4-140343 | Gap and requirement for operator control of DASH | HuaWei Technologies Co., Ltd | 7 |  | noted |  |
| S4-140344 | Draft WID DASH SAND | HuaWei Technologies Co., Ltd, HiSilicon Technologies Co. Ltd, China Telecommunications, China Mobile Com. Corporation, Intel | 7 | S4-140425 | revised |  |
| S4-140345 | MBMS client capability issues | HuaWei Technologies Co., Ltd | 7 |  | noted |  |
| S4-140346 | On UMTS and LTE UE delay reference point harmonization | Ericsson | 8.5 |  | noted |  |
| S4-140347 | Proposed updates to HTML5 TR | Samsung Electronics Co., Ltd | 7 |  | agreed |  |
| S4-140348 | Proposed conclusion to the HTML5 TR | Samsung Electronics Co., Ltd | 7 |  | noted |  |
| S4-140349 | Results on media aware handling of 3GP/MP4 files for delivery over Enhanced FLUTE | Samsung Electronics Co., Ltd | 7 |  | noted |  |
| S4-140350 | Sessions in the Enhanced FLUTE | Samsung Electronics Co., Ltd | 7 |  | noted |  |
| S4-140351 | CR 26.346-0347 rev 3 Proxy server-based MooD (Release 12) | Samsung Electronics Co., Ltd | 7 | S4-140412 | revised |  |
| S4-140352 | CR 26.346-0381 File Repair Correction (Release 11) | Samsung Electronics Co., Ltd | 7 | S4-140421 | revised |  |
| S4-140353 | Update: Method for determining one way delays of LTE radio network simulators | HEAD acoustics GmbH | 8.5 |  | noted |  |
| S4-140354 | VoLTE terminal delay measurements in sending and receiving | HEAD acoustics GmbH | 8.5 | S4-140390 | revised |  |
| S4-140355 | New Delay and speech quality measurements with new loss and jitter profiles | HEAD acoustics GmbH | 8.5 |  | noted |  |
| S4-140356 | Proposal for the Verification Phase of the EVS Codec | HuaWei Technologies Co., Ltd | 6 |  | noted |  |
| S4-140357 | CR 26.346-0382 File Repair Correction (Release 12) | Samsung Electronics Co., Ltd | 7 | S4-140422 | revised |  |
| S4-140358 | Proposed Agenda for EVS/Joint EVS/SQ SWG Meeting at SA4#78, 7 - 11 April 2014 | SA4 EVS SWG Chairman | 6 | (until R1) | approved |  |
| S4-140359 | Proposed Schedule for EVS/Joint EVS/SQ SWG Meeting at SA4#78 (for information) | SA4 EVS SWG Chairman | 6 |  | agreed |  |
| S4-140360 | Update to MI-EMO working plan and timeline | HuaWei Technologies Co., Ltd | 7 | S4-140441 | revised |  |
| S4-140361 | Update on TR26.848 of EMO | HuaWei Technologies Co., Ltd | 7 | S4-140442 | revised |  |
| S4-140362 | CR 26.247-0059 Correction of Cardinality of the SegmentList Element (Release 10) | BlackBerry UK Limited | 7 |  | postponed |  |
| S4-140363 | CR 26.247-0060 Correction of Cardinality of the SegmentList Element (Release 11) | BlackBerry UK Limited | 7 |  | postponed |  |
| S4-140364 | CR 26.247-0061 Correction of Cardinality of the SegmentList Element (Release 12) | BlackBerry UK Limited | 7 |  | postponed |  |
| S4-140365 | Draft CR 26.938 Additions to the Multiple Spectator Use Case | BlackBerry UK Limited | 7 |  | noted |  |
| S4-140366 | CR 26.234-0219 Missing IANA Registration Information on 3GPP-framepackingtype SDP Attribute (Release 11) | HuaWei Technologies Co., Ltd | 9 | S4-140408 | revised |  |
| S4-140367 | CR 26.234-0220 Missing IANA Registration Information on 3GPP-framepackingtype SDP Attribute (Release 12) | HuaWei Technologies Co., Ltd | 9 | S4-140409 | revised |  |
| S4-140368 | Proposed corrections to EVS-7b v100 | Editor (Fraunhofer IIS) | 6.3.2 |  | agreed |  |
| S4-140369 | Introduction Clause for TR 26.849 on MooD | Rapporteur (Qualcomm Incorporated) | 7.7.2 | S4-140423 | revised |  |
| S4-140370 | Report from SA4 EVS SWG Teleconference #34 (25th March 2014) | EVS SWG Secretary (ORANGE) | 4.2 |  | approved |  |
| S4-140371 | Evaluation of SWB frequency responses | ORANGE | 8.4 |  | noted |  |
| S4-140372 | Proposed delay measurement tool | ORANGE | 8.5 |  | withdrawn MISSING |  |
| S4-140373 | Results on UE delay measurement and performance with jitter-loss profiles | ORANGE | 8.5 | S4-140391 | revised |  |
| S4-140374 | On the use of DTX for UE delay/quality measurement | ORANGE | 8.5 |  | withdrawn MISSING |  |
| S4-140375 | On scalable extension of HEVC (SHVC) | NOKIA Corporation | 9 |  | noted |  |
| S4-140376 | MI-EMO: FLUTE Basic Enhancements | Qualcomm Incorporated | 7.7.1 | S4-140431 | revised |  |
| S4-140377 | MI-EMO: Generic Application Service Delivery over MBMS | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140378 | MI-EMO: Additional DASH-over-MBMS Profile Considerations and Guidelines | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140379 | Revised WID on 'Enhanced MBMS Operation' (MI-EMO) | Qualcomm Incorporated | 7.7.1 | S4-140470 | revised | 14.3.2 |
| S4-140380 | MI-EMO: DASH Robustness Tools for Live Services | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140381 | MI-EMO: DASH over MBMS Reference Model | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140382 | DASH: Draft CR on Addition of Tools from Second Edition ISO/IEC 23009-1 | Qualcomm Incorporated | 7.8 |  | withdrawn MISSING |  |
| S4-140383 | IS-DASH: Consolidated Use Cases on Ad Insertion | Qualcomm Incorporated | 7.8 |  | noted |  |
| S4-140384 | IS-DASH: Controlling Ad Playout with Dynamic Services | Qualcomm Incorporated | 7.8 |  | noted |  |
| S4-140385 | IS-DASH: Proposed Editor's Updates to TR 26.938 | Qualcomm Incorporated | 7.8 | S4-140433 | revised |  |
| S4-140386 | HTML-5: Considerations on current Technical Report | Qualcomm Incorporated | 7.9 |  | agreed |  |
| S4-140387 | Update to MI-MooD work plan and timeline | Rapporteur (Qualcomm Incorporated) | 7.7.2 |  | agreed | 14.3.4 |
| S4-140388 | Additional UE delay measuremens in VoLTE | Qualcomm Incorporated | 8.5 |  | noted |  |
| S4-140389 | Draft CR to 26.131 on LTE UE Delay Requirements | Qualcomm Incorporated | 8.5 | S4-140472 | revised |  |
| S4-140390 | VoLTE terminal delay measurements in sending and receiving (revision of S4-140354) | HEAD acoustics GmbH | 8.5 |  | noted |  |
| S4-140391 | Results on UE delay measurement and performance with jitter-loss profiles (revision of S4-140373) | ORANGE | 8.5 |  | noted |  |
| S4-140392 | Multi-Tasking during a video call | Qualcomm Incorporated | 10 | S4-140394 | revised |  |
| S4-140393 | On system simulator Delay Definition for VoLTE (revision of S4-140287) | ROHDE & SCHWARZ | 8.5 |  | noted |  |
| S4-140394 | Multi-Tasking during a video call (revision of S4-140392) | Qualcomm Incorporated, Ericsson | 10 |  | noted |  |
| S4-140395 | Reply LS on GCSE QCIs and connected mode DRX | TSG CT WG1 | 4.3 |  | noted |  |
| S4-140396 | LS on RTP profile negotiation from SA5 | TSG CT WG1 | 4.3 |  | postponed |  |
| S4-140397 | LS on handling of QoS parameters between IPv4 and IPv6 systems | TSG CT WG1 | 4.3 |  | postponed |  |
| S4-140398 | LS on temporary unavailability of camera and/or screen during a video telephony session | TSG CT WG1 | 4.3 |  | noted |  |
| S4-140399 | LS on eMBMS broadcast areas with EUTRAN Cell Granularity | TSG RAN WG2 | 4.3 |  | postponed |  |
| S4-140400 | On UE delay in VoLTE (revision of S4-140330) | Audience, Inc. | 8.5 |  | noted |  |
| S4-140401 | Reply LS on GCSE QCIs and connected mode DRX | TSG RAN WG3 | 4.3 |  | noted |  |
| S4-140402 | EVS Permanent Document EVS-11: Verification Items, v. 0.2 | Editor (Qualcomm Incorporated) | 6 | S4-140479 | revised |  |
| S4-140403 | Clarification on "contentClass" in Multiple FLUTE Sessions | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140404 | Incorporating EVS into TS 26.114 | Ericsson, Samsung Electronics Co., Ltd,, Panasonic Corporation | 6, 10 | S4-140486 | revised |  |
| S4-140405 | Draft CR 26.132 "Informative Annex to TS 26.132: Method for determining one way delays of LTE radio network simulators" | HEAD acoustics GmbH | 8.5 | S4-140474 | revised |  |
| S4-140406 | CR 26.114-0277 rev 1 Transmission of VPS, SPS and PPS (Release 12) | Ericsson | 9, 10 |  | agreed | 14.10 |
| S4-140407 | CR 26.114-0278 rev 1 SDP examples and QoS examples for H.265 (HEVC) (Release 12) | Ericsson | 9, 10 | S4-140450 | revised | 14.2.2 |
| S4-140408 | CR 26.234-0219 rev 1 Missing IANA Registration Information on 3GPP-framepackingtype SDP Attribute (Release 11) | HuaWei Technologies Co., Ltd | 9 |  | agreed | 12.3 |
| S4-140409 | CR 26.234-0220 rev 1 Missing IANA Registration Information on 3GPP-framepackingtype SDP Attribute (Release 12) | HuaWei Technologies Co., Ltd | 9 |  | agreed | 12.3 |
| S4-140410 | HEVC TR version 1.2.0 | Editor (Nokia) | 14.2.1 |  | agreed |  |
| S4-140411 | Report of MBS SWG at SA4#78 | MBS SWG Chairman (Ericsson) | 13.2 |  | approved |  |
| S4-140412 | CR 26.346-0347 rev 4 Proxy server-based MooD (Release 12) | Samsung Electronics Co., Ltd, Qualcomm Incorporated | 7.7.2 | S4-140447 | revised |  |
| S4-140413 | CR 26.346-0375 rev 1 MBMS session nomenclature correction (Release 12) | Ericsson | 7.5 | S4-140449 | revised |  |
| S4-140414 | CR 26.346-0376 rev 1 Correction of NTP timestamp definition and example (Release 9) | Qualcomm Incorporated | 7.5 | S4-140435 | revised |  |
| S4-140415 | CR 26.346-0377 rev 1 Correction of NTP timestamp definition and example (Release 10) | Qualcomm Incorporated | 7.5 | S4-140436 | revised |  |
| S4-140416 | CR 26.346-0378 rev 1 Correction of NTP timestamp definition and example (Release 11) | Qualcomm Incorporated | 7.5 | S4-140437 | revised |  |
| S4-140417 | CR 26.346-0379 rev 1 Correction of NTP timestamp definition and example (Release 12) | Qualcomm Incorporated | 7.5 | S4-140438 | revised |  |
| S4-140418 | CR 26.247-0056 rev 1 Updates to Registration of MIME Type for QoE Reports (Release 10) | Intel | 7.5, 12.4 | S4-140463 | revised |  |
| S4-140419 | CR 26.247-0057 rev 1 Updates to Registration of MIME Type for QoE Reports (Release 11) | Intel | 7.5, 12.4 | S4-140464 | revised |  |
| S4-140420 | CR 26.247-0058 rev 1 Updates to Registration of MIME Type for QoE Reports (Release 12) | Intel | 7.5, 12.4 | S4-140465 | revised |  |
| S4-140421 | CR 26.346-0381 rev 1 File Repair Correction (Release 11) | Samsung Electronics Co., Ltd | 7 | S4-140439 | revised |  |
| S4-140422 | CR 26.346-0382 rev 1 File Repair Correction (Release 12) | Samsung Electronics Co., Ltd | 7 | S4-140440 | revised |  |
| S4-140423 | TR 26.849 v0.5.0 on MooD | Rapporteur (Qualcomm Incorporated) | 7.7.2 |  | agreed |  |
| S4-140424 | Draft LS on RAN Counting for MI-MooD (To: RAN WG2) | Ericsson | 7.7.2, 11 | S4-140484 | revised | 14.3.4 |
| S4-140425 | Draft WID DASH SAND | HuaWei Technologies Co., Ltd, HiSilicon Technologies Co. Ltd, China Telecommunications, China Mobile Com. Corporation, Intel, NTT DoCoMo | 7 |  | postponed |  |
| S4-140426 | Update to MI-EMO working plan and timeline | HuaWei Technologies Co., Ltd | 7 |  | withdrawn |  |
| S4-140427 | TR26.848 v1.2.0 Enhanced MBMS Operation | HuaWei Technologies Co., Ltd | 7 |  | withdrawn |  |
| S4-140428 | MI-EMO Update Text for Mosaic Use Case | Sony Europe Limited | 7 |  | agreed |  |
| S4-140429 | MI-EMO Working Assumptions on Generic Application Service Delivery over MBMS | Qualcomm Incorporated | 7.7.1 |  | noted |  |
| S4-140430 | MI-EMO: Discussion and Proposals on FLUTE+ | Ericsson | 7.7.1 |  | agreed |  |
| S4-140431 | MI-EMO: FLUTE Basic Enhancements | Qualcomm Incorporated | 7.7.1 | S4-140446 | revised |  |
| S4-140432 | TR 26.9yz v0.3.0 on HTML5 for a new presentation layer in 3GPP services | Editor (Samsung) | 15.3 |  | agreed |  |
| S4-140433 | IS-DASH: TR 26.938 v1.6.2 | Editor (Qualcomm Incorporated) | 7.8 | S4-140448 | revised |  |
| S4-140434 | IS\_DASH: Proposed Enhancements for Server and Network Assisted DASH | Intel | 7.8 | S4-140445 | revised |  |
| S4-140435 | CR 26.346-0376 rev 2 Correction of NTP timestamp definition and example (Release 9) | Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140436 | CR 26.346-0377 rev 2 Correction of NTP timestamp definition and example (Release 10) | Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140437 | CR 26.346-0378 rev 2 Correction of NTP timestamp definition and example (Release 11) | Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140438 | CR 26.346-0379 rev 2 Correction of NTP timestamp definition and example (Release 12) | Qualcomm Incorporated | 7.5 |  | agreed | 12.4 |
| S4-140439 | CR 26.346-0381 rev 2 File Repair Correction (Release 11) | Samsung Electronics Ltd. , Qualcomm Incorporated | 7 |  | agreed | 12.2 |
| S4-140440 | CR 26.346-0382 rev 2 File Repair Correction (Release 12) | Samsung Electronics Ltd. , Qualcomm Incorporated | 7 |  | agreed | 12.2 |
| S4-140441 | Update to MI-EMO working plan and timeline | HuaWei Technologies Co., Ltd | 7 | S4-140443 | revised |  |
| S4-140442 | TR26.848 v1.2.0 Enhanced MBMS Operation | HuaWei Technologies Co., Ltd | 7 |  | agreed | 14.3.1 |
| S4-140443 | Update to MI-EMO working plan and timeline | HuaWei Technologies Co., Ltd | 7 |  | agreed | 14.3.2 |
| S4-140444 | Draft CR 26.346 Live DASH over MBMS | Ericsson | 7.7.1 |  | noted |  |
| S4-140445 | IS\_DASH: Proposed Enhancements for Server and Network Assisted DASH | Intel, Qualcomm Incorporated | 7.8 |  | noted |  |
| S4-140446 | MI-EMO: FLUTE Basic Enhancements | Qualcomm Incorporated, Ericsson, Expway | 7.7.1 |  | agreed | 14.3.1 |
| S4-140447 | CR 26.346-0347 rev 5 Proxy server-based MooD (Release 12) | Samsung Electronics Co., Ltd, Qualcomm Incorporated | 7.7.2 | S4-140485 | revised | 14.3.4 |
| S4-140448 | IS-DASH: TR 26.938 v1.7.0 | Editor (Qualcomm Incorporated) | 7.8 |  | agreed | 15.1 |
| S4-140449 | CR 26.346-0375 rev 2 MBMS session nomenclature (Release 12) | Ericsson | 14.10 |  | agreed |  |
| S4-140450 | CR 26.114-0278 rev 2 SDP examples and QoS examples for H.265 (HEVC) (Release 12) | Ericsson | 14.2.2 |  | agreed |  |
| S4-140451 | New Draft Work Item Description on Video Telephony Robustness Improvements (VTRI) | Qualcomm Incorporated | 10.8 | S4-140458 | revised |  |
| S4-140452 | New Work Item on "Video Enhancements by Region-of-Interest Information Signalling" | Intel, TELECOM ITALIA S.p.A., HuaWei Technologies Co., Ltd, HiSilicon Technologies Co., Lt, Cisco Systems Belgium, Sony Mobile Communications | 10.8 | S4-140457 | revised |  |
| S4-140453 | CR 26.114-0279 rev 1 Fixed-mobile interworking (Release 12) | Ericsson, ORANGE | 10.6.1 |  | agreed | 14.5.2 |
| S4-140454 | TR 26.924 Study on Improved end-to-end QoS handling, v0.0.7 | Editor (Ericsson) | 10.6.2 |  | agreed | 14.5.1 |
| S4-140455 | Draft CR 26.114 Video Rate Adaptation Requirements (Release 12) | Editor (Ericsson) | 10.6.3 |  | agreed | 14.5.2 |
| S4-140456 | E2EMTSI project plan v0.4.2 | E2EMTSI-S4 Rapporteur | 10.6 | S4-140459 | revised |  |
| S4-140457 | Draft New Work Item on "Video Enhancements by Region-of-Interest Information Signalling" (ROI) | Intel, TELECOM ITALIA S.p.A., HuaWei Technologies Co., Ltd, HiSilicon Technologies Co., Lt, Cisco Systems Belgium, Sony Mobile Communications | 10.8 | S4-140468 | revised | 17 |
| S4-140458 | New Work Item Description on Video Telephony Robustness Improvements (VTRI) | Qualcomm Incorporated, Telefon AB LM Ericsson, Samsung Electronics Co., Ltd., Rogers Wireless, Nomor Research GmbH | 10.8 |  | agreed | 17 |
| S4-140459 | E2EMTSI project plan v0.4.3 | E2EMTSI-S4 Rapporteur | 10.6 |  | agreed | 14.5.2 |
| S4-140460 | Draft Report of the MTSI SWG meeting held during SA4#78 | SA4 MTSI SWG Acting Secretary | 13.3 |  | approved |  |
| S4-140461 | Draft report from SA4#78 EVS SWG | EVS SWG Secretary | 13.1 | S4-140466 | revised |  |
| S4-140462 | Draft LS on Bluetooth aspects regarding the EVS codec (To: Bluetooth) | Sony Mobile Communications, ORANGE | 11, 14.1.1 | S4-140467 | revised |  |
| S4-140463 | CR 26.247-0056 rev 2 Updates to Registration of MIME Type for QoE Reports (Release 10) | Intel | 12.4 |  | agreed |  |
| S4-140464 | CR 26.247-0057 rev 2 Updates to Registration of MIME Type for QoE Reports (Release 11) | Intel | 12.4 |  | agreed |  |
| S4-140465 | CR 26.247-0058 rev 2 Updates to Registration of MIME Type for QoE Reports (Release 12) | Intel | 12.4 |  | agreed |  |
| S4-140466 | Report from SA4#78 EVS SWG | EVS SWG Secretary | 13.1 |  | approved |  |
| S4-140467 | Draft LS on Bluetooth aspects regarding the EVS codec (To: Bluetooth) | TSG SA WG4 | 14.1.1 | S4-140469 | revised |  |
| S4-140468 | New Work Item on "Video Enhancements by Region-of-Interest Information Signalling" (ROI) | Intel, TELECOM ITALIA S.p.A., HuaWei Technologies Co., Ltd, HiSilicon Technologies Co., Lt, Cisco Systems Belgium, Sony Mobile Communications | 17 |  | agreed |  |
| S4-140469 | LS on Bluetooth aspects regarding the EVS codec (To: BT SIG Telephony and Car Working Group) | TSG SA WG4 | 14.1.1 |  | approved |  |
| S4-140470 | Revised WID on 'Enhanced MBMS Operation' (MI-EMO) | Qualcomm Incorporated | 14.3.2 |  | agreed |  |
| S4-140471 | CR 26.132-0069 Corrections of general test method applicability description and Headset UE sidetone test method (Release 12) | CATR | 8.4 | S4-140473 | revised |  |
| S4-140472 | Draft CR to 26.131 on LTE UE Delay Requirements (revision of S4-140389) | Qualcomm Incorporated | 8.5 |  | noted |  |
| S4-140473 | CR 26.132-0069 rev 1 Corrections of general test method applicability description and Headset UE sidetone test method (Release 12) | CATR | 8.4 | S4-140494 | revised |  |
| S4-140474 | Draft CR 26.132 "Informative Annex to TS 26.132: Method for determining one way delays of LTE radio network simulators" (revision of S4-140405) | HEAD acoustics GmbH | 8.5 |  | agreed |  |
| S4-140475 | Agreed text from Draft CR to 26.131 on LTE UE Delay Requirements (S4-140472) | SQ SWG | 8.5 |  | agreed |  |
| S4-140476 | Draft CR to 26.131 on LTE UE delay requirements (revision of S4-140227) | Editor (Qualcomm Incorporated) | 8.5 |  | agreed | 14.4.1 |
| S4-140477 | Draft CR to 26.132 on LTE UE delay requirements (revision of S4-140228) | Editor (Qualcomm Incorporated) | 8.5 |  | agreed | 14.4.1 |
| S4-140478 | ART\_LTE-SUPER-1 Project Plan of ART\_LTE-SUPER work item building block, version 0.0.9 | ART\_LTE-SUPER WI Rapporteur (Sony Mobile Communications) | 8.5 |  | agreed | 14.4.2 |
| S4-140479 | EVS Permanent Document EVS-11: Verification Items, v. 0.3 | Editor (Qualcomm Incorporated) | 6, 14.1.1 | S4-140483 | revised |  |
| S4-140480 | EVS Permanent Document EVS-6b: Selection Deliverables, version 0.9 | Editor (Qualcomm Incorporated) | 6 |  | agreed | 14.1.1 |
| S4-140481 | Draft Report of Video SWG meeting during SA4#78 | Chairman Video SWG | 13.5 |  | approved |  |
| S4-140482 | EVS Permanent Document EVS-7b: Processing functions for seletion phase, v. 1.1.0 | Editor (Fraunhofer IIS) | 14.1.1 |  | approved |  |
| S4-140483 | EVS Permanent Document EVS-11: Verification Items, v. 0.4 | Editor (Qualcomm Incorporated) | 14.1.1 |  | agreed |  |
| S4-140484 | LS on RAN Counting for MI-MooD (To: TSG RAN WG2) | Ericsson | 11 |  | approved | 14.3.4 |
| S4-140485 | CR 26.346-0347 rev 6 Proxy server-based MooD (Release 12) | Samsung Electronics Co., Ltd, Qualcomm Incorporated | 14.3.4 |  | agreed |  |
| S4-140486 | EVS Permanent Document EVS-12: Incorporating EVS into TS 26.114, v. 0.1 | Editor (Ericsson) | 6, 10 |  | agreed | 14.1.1 |
| S4-140487 | EVS Permanent Document EVS-7b: Processing functions for seletion phase, v. 1.0.2 | Editor (Fraunhofer IIS) | 6.3.2 | S4-140482 | revised | 14.1.1 |
| S4-140488 | Draft CR adding DoubleTalk clause to 26.931 (SEATS TR) | Audience, Inc. | 8.7 |  | noted |  |
| S4-140489 | EVS Permanent Document EVS-8b: Test plans for selection phase including host lab task specification v. 1.0.4 | Acting Editor (Samsung) | 6 |  | approved | 14.1.1 |
| S4-140490 | EVS Permanent Document EVS-8c: Characterization Phase Test plan including lab task speciification v. 0.0.1 | Acting Editor (Samsung) | 6 |  | agreed | 14.1.1 |
| S4-140491 | EVS codec development overview (EVS-1), Version 0.11.0 | Editor (Ericsson) | 6 |  | agreed | 14.1.1 |
| S4-140492 | EVS Permanent document (EVS-2): EVS Project plan, v 0.6.2 | Editor (Huawei Technologies) | 6 |  | agreed | 14.1.1 |
| S4-140493 | ART\_LTE-UED-1 Project Plan of ART\_LTE-UED work item building block, version 0.0.10 | ART\_LTE-UED WI Rapporteurs (AT&T, ORANGE) | 8.5, 14.4.1 | S4-140495 | revised |  |
| S4-140494 | CR 26.132-0069 rev 2 Corrections of general test method applicability description and Headset UE sidetone test method (Release 12) | CATR | 8.4 |  | agreed | 14.10 |
| S4-140495 | ART\_LTE-UED-1 Project Plan of ART\_LTE-UED work item building block, version 0.0.10 | ART\_LTE-UED WI Rapporteurs (AT&T, ORANGE) | 14.4.1 |  | agreed |  |
| S4-140496 | Draft Report of SA4#78 meeting, v. 0.0.1 | TSG-S4 Secretary |  |  |  |  |