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| Tdoc | Title | Source(s) | Agenda Item(s) | Replaced by |
| S4-161132 | Draft Report of SA4#90 meeting, v. 0.0.1 | TSG-S4 Secretary | 4 |  |
| S4-161133 | Proposed meeting agenda for SA4#91 | SA4 Chairman | 2 |  |
| S4-161134 | Proposed meeting schedule for SA4#91 | SA4 Chairman | 2 | S4-161266 |
| S4-161135 | Brief report from SA#73 on SA4 matters | Nokia Corporation | 5.1 |  |
| S4-161136 | Draft Report from SA4 SQ SWG conf. call (4th October 2016) | SA4 SQ SWG Chairman | 5.2 | S4-161267 |
| S4-161137 | On interruption time measurement | ROHDE & SCHWARZ | 9.7 |  |
| S4-161138 | CR 26.445-0026 Corrections to the Algorithmic Description (Rel-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 | 7.3 | S4-161258 |
| S4-161139 | Send direction test signal level for headset electrical interface | ROHDE & SCHWARZ | 9.7 |  |
| S4-161140 | CR 26.445-0027 Corrections to the Algorithmic Description (Rel-13) | 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 | 7.3 | S4-161259 |
| S4-161141 | pCR Introductory text for TR26.880 | Motorola Solutions Germany | 8.12 |  |
| S4-161142 | pCR on References for TR26.880 | Motorola Solutions Germany | 8.12 |  |
| S4-161143 | pCR on Definitions and Abbreviations for TR26.880 | Motorola Solutions Germany | 8.12 |  |
| S4-161144 | pCR on Secure RTP for TR26.880 | Motorola Solutions Germany | 8.12 | S4-161285 |
| S4-161145 | pCR on Key Issues for TR26.880 | Motorola Solutions Germany | 8.12 |  |
| S4-161146 | SAND: Proposed Timeplan v0.4.0 | Intel (FS\_SAND Rapporteur) | 8.10 |  |
| S4-161147 | SAND: Intermediate Draft TR 26.957 v.1.0.1 | Intel (FS\_SAND Rapporteur) | 8.10 | S4-161155 |
| S4-161148 | pCR SAND: Proposed Editorial Updates on TR 26.957 | Intel | 8.10 |  |
| S4-161149 | pCR on TR 26.957 Proxy Caching: Addendum on Potential Solutions including Relevant SAND Functionality | Intel | 8.10 |  |
| S4-161150 | pCR on TR 26.957 Consistent QoE/QoS: Addendum on Potential Solutions including Relevant SAND Functionality | Intel | 8.10 |  |
| S4-161151 | pCR on TR 26.957 SAND: Additional architectural considerations for generic OTT streaming | Intel | 8.10 |  |
| S4-161152 | pCR SAND: Proposed Conclusions for TR 26.957 | Intel | 8.10 | S4-161294 |
| S4-161153 | pCR on TR 26.957 SAND: Connections to RAN study on Content Aware Service Delivery (FS\_LTE\_Context) | Intel | 8.10 |  |
| S4-161154 | Draft WID on "Server and Network Assisted DASH (SAND) for 3GPP Multimedia Services" | Intel | 8.14 |  |
| S4-161155 | SAND: Intermediate Draft TR 26.957 v.1.0.2 | Intel (FS\_SAND Rapporteur) | 8.10 | S4-161288 |
| S4-161156 | RAN-Assisted Codec Rate Adaptation in MTSI | Intel | 11.9 |  |
| S4-161157 | Draft WID on RAN-Assisted Codec Rate Adaptation in MTSI | Intel | 11.9 | S4-161340 |
| S4-161158 | Draft CR 26.223 IMS\_TELEP\_EXT: Additional SDP Examples (Rel-14) WITHDRAWN MISSING | Intel | 11.5 |  |
| S4-161159 | pCR on TR 26.918 FS\_VR: Gap Analysis on VR Streaming | Intel | 10.6 |  |
| S4-161160 | pCR on TR 26.918 FS\_VR: Gap Analysis on VR Calls | Intel | 10.6 |  |
| S4-161161 | pCR on TS 26.347 TRAPI: Service APIs for File Download | Qualcomm Incorporated, Expway | 8.6 | S4-161274 |
| S4-161162 | pCR on TS 26.347 TRAPI: Service APIs for DASH Streaming | Qualcomm Incorporated | 8.6 | S4-161276 |
| S4-161163 | pCR on TS 26.347 TRAPI: Proposed Updates to TS 26.347 | Qualcomm Incorporated | 8.6 | S4-161277 |
| S4-161164 | TRAPI: Updated Timeplan | Qualcomm Incorporated | 8.6 | S4-161293 |
| S4-161165 | pCR on TR 26.957 SAND: Update to OTT Streaming | Qualcomm Incorporated | 8.10 |  |
| S4-161166 | pCR on TR 26.917 TV Enhancements: Use Cases | Qualcomm Incorporated | 8.11 |  |
| S4-161167 | pCR on TR 26.917 TV Enhancements: Architecture | Qualcomm Incorporated | 8.11 | S4-161290 |
| S4-161168 | pCR on TR 26.917 TV Enhancements: Transport-only mode | Qualcomm Incorporated | 8.11 |  |
| S4-161169 | pCR on TR 26.917 TV Enhancements: Gap Analysis | Qualcomm Incorporated | 8.11 |  |
| S4-161170 | FS\_USE\_3GPP\_4\_TV: Proposed Timeplan, v0.2 | Qualcomm Incorporated | 8.11 | S4-161303 |
| S4-161171 | pCR on TR 26.918 VR: Service-Provider Centric Use Cases | Qualcomm Incorporated | 10.6 |  |
| S4-161172 | pCR on TR 26.918 VR: Video System for 360 Video | Qualcomm Incorporated | 10.6 |  |
| S4-161173 | Quality Definition and Classification of VR Audio | Samsung Electronics Co., Ltd | 10.6 |  |
| S4-161174 | Proposed TR 26.953 v1.0.1 | Qualcomm Incorporated | 8.9 | S4-161296 |
| S4-161175 | Use Case on Measurement and Reporting of Interactivity Usage | Qualcomm Incorporated | 8.9 |  |
| S4-161176 | Missing Procedures in TS 26.981 for TMB2 Support | Qualcomm Incorporated | 8.8 |  |
| S4-161177 | Additional Procedures over TMB2 | Qualcomm Incorporated | 8.8 |  |
| S4-161178 | Summary of DESUDAPS P.835 databases | Knowles Inc. | 9.6 |  |
| S4-161179 | Some data on end-to-end delay in a live VoLTE network | Knowles Inc. | 9.7 |  |
| S4-161180 | EPG Delivery via Application Service Description | Qualcomm Incorporated | 8.11 |  |
| S4-161181 | On VoLTE/ViLTE enhancement | Panasonic Corporation | 7.6, 11.3 |  |
| S4-161182 | Report from SA4 MTSI SWG conf. call on Enhancements to MTSI extension on Multi-stream Multiparty Conferencing Media Handling (MMCMH\_Enh) on 3 October, 2016 | MTSI SWG Secretary | 5.2 |  |
| S4-161183 | Draft MMCMH\_Enh WI Timeplan v0.0.5 | Qualcomm Incorporated (Rapporteur) | 11.6 | S4-161331 |
| S4-161184 | CR 26.980-0004 Correction to Compact Concurrent Codec Capabilities SDP ABNF (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161332 |
| S4-161185 | CR 26.980-0005 Compact CCC SDP for MMCMH Session Initiation (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161333 |
| S4-161186 | CR 26.114-0389 Examples of Using the Compact CCC SDP Attribute (Rel-14) | Qualcomm Incorporated | 11.6 |  |
| S4-161187 | Draft CR QoS for MMCMH Sessions (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161334 |
| S4-161188 | CR 26.114-0390 Compact Concurrent Codec Capabilities SDP Usage for MMCMH CCCEx and Session Initiation (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161336 |
| S4-161189 | CR 26.114-0391 SIP OPTIONS Usage for CCCEx (Rel-14) | Qualcomm Incorporated | 11.6 | Merged in S4-161336 |
| S4-161190 | CR 26.980-0006 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161337 |
| S4-161191 | CR 26.114-0392 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161338 |
| S4-161192 | CR 26.980-0007 MRF handling with reduced m-lines (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161193 | CR 26.114-0393 MRF handling with reduced m-lines (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161339 |
| S4-161194 | xM Procedures | Samsung Telecoms America | 8.13 |  |
| S4-161195 | Pseudo CR on TMB2 Architecture | Samsung Telecoms America | 8.8 |  |
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| S4-161200 | pCR on TR 26.917 FS\_USE\_3GPP\_4\_TV: Proposal of new "Full MBMS Service Mode" use-case | Ericsson LM | 8.11 |  |
| S4-161201 | pCR on TR 26.981 FS\_xMBMS: ESG / EPG delivery use-case | Ericsson LM | 8.13 |  |
| S4-161202 | pCR on TR 26.981 FS\_xMBMS: Procedure extensions for File Delivery, Query Status and activate reports | Ericsson LM | 8.13 |  |
| S4-161203 | Draft CR to 26.346 AE\_enTV-MI\_MTV: adding new clause 5.4A "Procedures between Content Provider and BM-SC" | Ericsson LM | 8.8 |  |
| S4-161204 | CR 26.980-0008 Clarifications on Use of RtpStreamId Identifier for Simulcast (Rel-14) | Ericsson LM | 11.6, 16.6 |  |
| S4-161205 | Draft CR Codec simulcast clarifications | Ericsson LM | 11.6 | Merged in S4-161339 |
| S4-161206 | CR 26.114-0394 Correction of SDP examples for EVS in MMCMH (Rel-14) | Ericsson LM | 11.6, 16.6 |  |
| S4-161207 | Draft CR Addition of SDP examples for EVS in VoLTE WITHDRAWN MISSING | Ericsson LM | 7.6 |  |
| S4-161208 | pCR on TR 26.909 QoE options for higher P.NATS modes | Ericsson LM | 8.7 |  |
| S4-161209 | pCR on TR 26.909 Add display characteristics to the QoE reporting | Ericsson LM | 8.7 |  |
| S4-161210 | pCR on TR 26.909 QoE via MDT - API Considerations | Ericsson LM | 8.7 |  |
| S4-161211 | pCR on TR 26.880 MC Video requirements and codec aspects | Ericsson LM | 8.12 |  |
| S4-161212 | Report of MBS SWG AH telco # 71 on FS\_IS3 | SA4 MBS SWG Chairman | 5.2 |  |
| S4-161213 | Report of MBS SWG AH telco # 72 on TRAPI | SA4 MBS SWG Chairman | 5.2 |  |
| S4-161214 | Report of MBS SWG AH telco # 73 on FS\_SAND | SA4 MBS SWG Chairman | 5.2 |  |
| S4-161215 | CR 26.445-0028 Clarifications for EVS Rate and Mode Control (Rel-12) | Ericsson LM, ORANGE | 7.3, 14.14 |  |
| S4-161216 | CR 26.445-0029 Clarifications for EVS Rate and Mode Control (Rel-13) | Ericsson LM, ORANGE | 7.3, 14.14 |  |
| S4-161217 | Proposal relating to superseded Floating-Point EVS Versions | 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 | 7.3, 14.14 |  |
| S4-161218 | Draft CR 26.114 RAN explicit bitrate recommendation | Ericsson LM | 11.8 |  |
| S4-161219 | Proposed new text for the EXT\_UED headset interface test plan TR 26.954 | Sony Mobile Communications | 9.7 |  |
| S4-161220 | On quality-related media player report events | Deutsche Telekom AG | 8.7 | S4-161280 |
| S4-161221 | pCR on TR 26.957 FS\_SAND Pseudo CR on Network Assistance for DASH | Ericsson LM, Sony Mobile Communications | 8.10 | S4-161260 |
| S4-161222 | FS\_SAND Gap Analysis for Network Assistance | Ericsson LM, Sony Mobile Communications | 8.10 |  |
| S4-161223 | Time and Work Plan for IQoE | Huawei Tech.(UK) Co., Ltd | 8.7, 16.4 |  |
| S4-161224 | IQoE TR26.909 update | Huawei Tech.(UK) Co., Ltd | 8.7 | S4-161283 |
| S4-161225 | CR 26.247-0090 DASH Audio-video MOS support (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7 | S4-161281 |
| S4-161226 | CR 26.247-0091 Location based filter support for DASH (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7 | S4-161284 |
| S4-161227 | CR 26.247-0092 Streaming source specific based filter for DASH QoE (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7 | S4-161292 |
| S4-161228 | Draft CR Content Provider Provisioning Procedures | ENENSYS | 8.8 |  |
| S4-161229 | Time and Work Plan for FS\_MCP\_V | Huawei Tech.(UK) Co., Ltd | 8.12, 17.5 |  |
| S4-161230 | Reference model for MC video service support | Huawei Tech.(UK) Co., Ltd | 8.12 | S4-161286 |
| S4-161231 | Group delivery method for MC video service support | Huawei Tech.(UK) Co., Ltd | 8.12 |  |
| S4-161232 | OTT streaming service use case | Huawei Tech.(UK) Co., Ltd | 8.13 |  |
| S4-161233 | pCR on TR 26.981 TMB2 architecture consideration | Huawei Tech.(UK) Co., Ltd | 8.8 |  |
| S4-161234 | MBMS URL handler | Expway | 8.6 | S4-161273 |
| S4-161235 | FEC for Mission Critical Services | Expway | 8.12 |  |
| S4-161236 | TRAPI: RTP APIs | Expway | 8.6 | S4-161272 |
| S4-161237 | Reply LS on QoE reporting for streaming services | TSG RAN WG2 | 5.3 |  |
| S4-161238 | LS to SA4 on RAN-assisted codec adaptation solution | TSG RAN WG2 | 5.3 |  |
| S4-161239 | Response to LS S2-164308 (S6-160914) on MBMS enhancements for MCS | TSG SA WG2 | 5.3 |  |
| S4-161240 | Response to LS S2-164299 from CT WG3 on progress of FS\_xMBMS study item and to LS S2-164288 from SA WG4 also on progress of FS\_xMBMS study item | TSG SA WG2 | 5.3 |  |
| S4-161241 | LS/r on UE video telephony performance | ITU-T SG9 | 5.4 |  |
| S4-161242 | LS on IMS settings for UE testing | ETSI TC STQ | 5.4 |  |
| S4-161243 | LS to CT1 Regarding RTCP Requirements | GSMA NG RILTE | 5.4 |  |
| S4-161244 | DVB Liaison Statement to 3GPP on video and audio coding | DVB (TM-AVC) | 5.4 |  |
| S4-161245 | Draft CR to TS 26.131 on EXT\_UED | ORANGE | 9.7 |  |
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| S4-161247 | Enhancements to existing delay tests | ORANGE | 9.7 |  |
| S4-161248 | pCR TR 26.918 Quality Considerations for VR Experiences | Qualcomm Incorporated | 10.6 | S4-161313 |
| S4-161249 | pCR TR 26.918 VR: Audio Rendering for Scene-Based Audio | Qualcomm Incorporated | 10.6 |  |
| S4-161250 | Proposed text additions for Audio Systems clause in TR 26.918 | Dolby Laboratories Inc. | 10.6 | S4-161312 |
| S4-161251 | pCR TR 26.918 VR: Updates to Audio Content Production Workflow | Qualcomm Incorporated | 10.6 |  |
| S4-161252 | pCR TR 26.918 VR: Audio Media Formats | Qualcomm Incorporated | 10.6 |  |
| S4-161253 | Influences on immersive audio quality for VR WITHDRAWN MISSING | Dolby Laboratories Inc. | 10.6 |  |
| S4-161254 | DRAFT TR 26.954 v. 0.0.1 | Rapporteur (Qualcomm Incorporated) | 9.7 | S4-161349 |
| S4-161255 | pCR Proposed updates to TR 26.954 | Qualcomm Incorporated | 9.7 |  |
| S4-161256 | Additional Databases for DESUDAPS | Qualcomm Incorporated | 9.6 |  |
| S4-161257 | Workplan for the AE\_enTV-MI\_MTV workitem | Rapporteur (Ericsson LM) | 8.8 | S4-161278 |
| S4-161258 | CR 26.445-0026 rev 1 Corrections to the Algorithmic Description (Rel-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 | 7.3, 14.14 |  |
| S4-161259 | CR 26.445-0027 rev 1 Corrections to the Algorithmic Description (Rel-13) | 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 | 7.3, 14.14 |  |
| S4-161260 | pCR on TR 26.957 FS\_SAND (Revised) Pseudo CR on Network Assistance for DASH | Ericsson LM, Sony Mobile Communications | 8.10 | S4-161289 |
| S4-161261 | LS -Summary of ITU-T Study Group 12 work on Streaming Media Quality | ITU-T Study Group 12 | 5.4 |  |
| S4-161262 | Reply LS on external interface for TV services | TSG CT WG3 | 5.3 |  |
| S4-161263 | Reply LS on QCI for CLUE Messages | TSG CT WG3 | 5.3 |  |
| S4-161264 | Reply LS regarding bandwidth enforcement | TSG CT WG3 | 5.3 |  |
| S4-161265 | pCR on TR 26.918 Additional text for channel-based audio | Fraunhofer IIS | 10.6 |  |
| S4-161266 | Revised meeting schedule for SA4#91 | SA4 Chairman | 2 |  |
| S4-161267 | Report from SA4 SQ SWG conf. call (4th October 2016) | SA4 SQ SWG Chairman | 5.2 |  |
| S4-161268 | DESUDAPS-4: P.835 training databases v. 0.1 | Knowles Inc. | 9.6, 16.1 |  |
| S4-161269 | DESUDAPS-3 Time Plan of DESUDAPS work item, v. 0.7 | Rapporteurs (Qualcomm, Incorporated, Knowles Inc.) | 9.6, 16.1 |  |
| S4-161270 | Draft Reply LS on RAN-Assisted Codec Adaptation (To: TSG RAN WG2, Cc: TSG RAN WG3, TSG RAN, TSG SA WG2) | Intel | 5.3 | S4-161323 |
| S4-161271 | Report of MBS SWG at SA4#91 | MBS SWG Chairman | 13.2 |  |
| S4-161272 | TRAPI: RTP APIs | Expway, Qualcomm Incorporated | 8.6 | S4-161275 |
| S4-161273 | MBMS URL handler | Expway | 8.6 |  |
| S4-161274 | pCR on TS 26.347 TRAPI: Service APIs for File Download | Qualcomm Incorporated, Expway | 8.6 | S4-161300 |
| S4-161275 | TRAPI: RTP APIs | Expway, Qualcomm Incorporated | 8.6 |  |
| S4-161276 | pCR on TS 26.347 TRAPI: Service APIs for DASH | Qualcomm Incorporated, Expway | 8.6, 16.3 |  |
| S4-161277 | Draft TS 26.347 MBMS URLs and APIs, v. 0.4.0 | Qualcomm Incorporated | 8.6, 16.3 |  |
| S4-161278 | Work plan for the AE\_enTV-MI\_MTV work item | Rapporteur (Ericsson LM) | 8.8 | S4-161291 |
| S4-161279 | Workplan for FS\_xMBMS | Rapporteur (Samsung) | 8.13 | S4-161305 |
| S4-161280 | On quality-related media player report events | Deutsche Telekom AG | 8.7 |  |
| S4-161281 | CR 26.247-0090 rev 1 DASH Audio-video MOS support (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7, 16.4 | S4-161321 |
| S4-161282 | Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 8.3 | S4-161298 |
| S4-161283 | Intermediate IQoE TR26.909 | Rapporteur (Huawei Tech.(UK) Co., Ltd) | 8.7, 16.4 | S4-161322 |
| S4-161284 | CR 26.247-0091 rev 1 Location based filter support for DASH (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7, 16.4 |  |
| S4-161285 | pCR on Secure RTP for TR26.880 | Motorola Solutions Germany | 8.12, 17.5 |  |
| S4-161286 | Reference model for MC video service support | Huawei Tech.(UK) Co., Ltd | 8.12, 17.5 |  |
| S4-161287 | Draft CR to 26.346 on Procedures between Content Provider and BM-SC | Ericsson LM, Samsung Electronics Co., Ltd., Expway, ENENSYS, Huawei Technologies Co. Ltd, Qualcomm Incorporated | 8.8, 16.7 |  |
| S4-161288 | SAND: TR 26.957 Study on Server And Network-assisted Dynamic Adaptive Streaming over HTTP (DASH) (SAND) for 3GPP multimedia services v1.1.0 | Intel (FS\_SAND Rapporteur) | 17.3 |  |
| S4-161289 | pCR on TR 26.957 FS\_SAND (Revised) Pseudo CR on Network Assistance for DASH | Ericsson LM, Sony Mobile Communications | 8.10 |  |
| S4-161290 | pCR on TR 26.917 TV Enhancements: Architecture | Qualcomm Incorporated | 8.11, 17.4 |  |
| S4-161291 | Work plan for the AE\_enTV-MI\_MTV work item v0.2 | Rapporteur (Ericsson LM) | 8.8 | S4-161302 |
| S4-161292 | CR 26.247-0092 rev 1 Streaming source specific based filter for DASH QoE (Rel-14) | Huawei Tech.(UK) Co., Ltd | 8.7, 16.4 | S4-161328 |
| S4-161293 | TRAPI: Proposed Timeplan, v. 0.6 | Qualcomm Incorporated, Samsung (Rapporteur) | 8.6 | S4-161301 |
| S4-161294 | pCR SAND: Proposed Conclusions for TR 26.957 | Intel | 8.10 | S4-161295 |
| S4-161295 | pCR SAND: Proposed Conclusions for TR 26.957 | Intel | 8.10, 17.3 | S4-161309 |
| S4-161296 | Draft TR 26.953 v1.1.0 | Qualcomm Incorporated | 8.9, 17.2 |  |
| S4-161297 | DRAFT New WID Interface to Media and TV service Providers for eMBMS Delivery (AE\_enTV-IMPeDe) | Ericsson LM, Samsung Electronics Co., Ltd., Expway, ENENSYS, Qualcomm Incorporated | 19 | S4-161360 |
| S4-161298 | Draft Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 8.3, 5.3 | S4-161327 |
| S4-161299 | Draft Reply LS on progress of FS\_xMBMS study item (To: TSG CT WG3) | TSG SA WG4 | 8.3, 5.3 | S4-161370 |
| S4-161300 | pCR on TS 26.347 TRAPI: Service APIs for File Download | Qualcomm Incorporated, Expway | 8.6, 16.3 |  |
| S4-161301 | TRAPI: Proposed Timeplan, v. 0.6 | Qualcomm Incorporated, Samsung (Rapporteur) | 8.6, 16.3 | S4-161365 |
| S4-161302 | Workplan for the AE\_enTV-MI\_MTV workitem v. 1.0 | Rapporteur (Ericsson LM) | 16.7 | S4-161326 |
| S4-161303 | FS\_USE\_3GPP\_4\_TV: Proposed Timeplan, v. 0.3 | Qualcomm Incorporated (Rapporteur) | 8.11, 17.4 | S4-161369 |
| S4-161304 | Draft TR 26.880 Study on MBMS usage and codecs for MC Video Service v0.3.0 | Editor | 8.12, 17.5 | S4-161324 |
| S4-161305 | FS\_xMBMS Timeplan v0.5 | Rapporteur (Samsung) | 8.13, 17.6 | S4-161325 |
| S4-161306 | Workplan for FS\_IS3 | Rapporteur (Qualcomm) | 8.9, 17.2 |  |
| S4-161307 | Draft WID on "Server and Network Assisted DASH for 3GPP Multimedia Services (SAND) | Intel, Ericsson LM, Deutsche Telekom AG, Sony Mobile Communications | 8.14, 19 | S4-161359 |
| S4-161308 | Draft TR 26.981 MBMS Extensions for Provisioning and Content Ingestion, v0.4.0 | Editor (Ericsson) | 8.13, 17.6 |  |
| S4-161309 | pCR SAND: Proposed Conclusions for TR 26.957 | Intel | 17.3 |  |
| S4-161310 | CR 26.346-0564 Definition of interface procedures for MBMS User Services (Rel-14) | Ericsson LM, Samsung Electronics Co., Ltd., Expway, ENENSYS, Huawei Technologies Co. Ltd, Qualcomm Incorporated | 16.7 |  |
| S4-161311 | Draft TR 26.918 Virtual Reality (VR) media services over 3GPP Draft S4, v. 0.4.0 | Rapporteur (ORANGE) | 17.8 |  |
| S4-161312 | Proposed text additions for Audio Systems clause in TR 26.918 | Dolby Laboratories Inc. | 10.6 |  |
| S4-161313 | pCR TR 26.918 Quality Considerations for VR Experiences | Qualcomm Incorporated | 10.6 |  |
| S4-161314 | Revised Timeplan of FS\_VR v0.4 | Rapporteur (ORANGE) | 17.8 |  |
| S4-161315 | VIDEO SWG Report during SA4#91 | Video SWG Chairman | 13.5 |  |
| S4-161316 | Liaison Statement on 14496-15 Sync Samples | ISO/IEC SC29/WG11 (MPEG) | 12 |  |
| S4-161317 | Liaison Statement on MPEG DASH POSTPONED | ISO/IEC SC29/WG11 (MPEG) | 12 |  |
| S4-161318 | Liaison Statement on 14496-12 SyncSampleBox and Metadata Tracks | ISO/IEC SC29/WG11 (MPEG) | 12 |  |
| S4-161319 | Reply LS on 14496-12 SyncSampleBox and Metadata Tracks [SC 29/WG 11 N 16483] (To: ISO/IEC SC29/WG11 (MPEG)) | TSG SA WG4 | 12 |  |
| S4-161320 | Draft Report of the MTSI SWG meeting held during SA4#91 | MTSI SWG Acting Secretary | 13.3 |  |
| S4-161321 | CR 26.247-0090 rev 2 DASH Audio-video MOS support (Rel-14) | Huawei Tech.(UK) Co., Ltd | 16.4 | S4-161329 |
| S4-161322 | Draft TR 26.909 Study on improved streaming Quality of Experience (IQoE) reporting in 3GPP services and networks v0.7.0 | Rapporteur (Huawei Tech.(UK) Co., Ltd) | 16.4 | S4-161364 |
| S4-161323 | Reply LS on RAN-Assisted Codec Adaptation (To: TSG RAN WG2, Cc: TSG RAN WG3, TSG RAN, TSG SA WG2) | TSG SA WG4 | 5.3 |  |
| S4-161324 | Draft TR 26.880 Study on MBMS usage and codecs for MC Video Service v0.4.0 | Editor | 17.5 |  |
| S4-161325 | FS\_xMBMS Timeplan v0.6 | Rapporteur (Samsung) | 17.6 | S4-161366 |
| S4-161326 | Workplan for the AE\_enTV-MI\_MTV workitem v. 1.1 | Rapporteur (Ericsson LM) | 16.7 |  |
| S4-161327 | Draft Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 5.3 | S4-161367 |
| S4-161328 | CR 26.247-0092 rev 2 Streaming source specific based filter for DASH QoE (Rel-14) | Huawei Tech.(UK) Co., Ltd | 16.4 | S4-161330 |
| S4-161329 | CR 26.247-0090 rev 3 A/V MOS estimation support for DASH (Rel-14) | Huawei Tech.(UK) Co., Ltd | 16.4 | S4-161363 |
| S4-161330 | CR 26.247-0092 rev 3 Streaming source specific based filter for DASH QoE (Rel-14) | Huawei Tech.(UK) Co., Ltd | 16.4 |  |
| S4-161331 | Draft MMCMH\_Enh WI Timeplan v0.0.5 | Qualcomm Incorporated (Rapporteur) | 11.6 | S4-161342 |
| S4-161332 | CR 26.980-0004 rev 1 Correction to Compact Concurrent Codec Capabilities SDP ABNF (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161343 |
| S4-161333 | CR 26.980-0005 rev 1 Compact CCC SDP for MMCMH Session Initiation (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161334 | CR 26.980-0009 QoS for MMCMH Sessions (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161335 | CR 26.114-0395 QoS for MMCMH Sessions (Rel-14) | Qualcomm Incorporated | 11.6 | S4-161344 |
| S4-161336 | CR 26.114-0390 rev 1 Compact Concurrent Codec Capabilities SDP Usage for MMCMH CCCEx and Session Initiation (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161337 | CR 26.980-0006 rev 1 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 | S4-161351 |
| S4-161338 | CR 26.114-0392 rev 1 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 | S4-161352 |
| S4-161339 | CR 26.114-0393 rev 1 MRF handling with reduced m-lines (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161340 | Draft New WID on RAN-Assisted Codec Adaptation in MTSI (LTE\_VoLTE\_ViLTE\_enh-S4) | Intel, Panasonic Corporation, Qualcomm Incorporated, Huawei Technologies Co. Ltd., Ericsson LM | 11.9, 19 | S4-161353 |
| S4-161341 | Draft Reply LS Regarding Bandwidth Enforcement (To: GSMA NG RILTE, Cc: 3GPP CT WG1, 3GPP CT WG3) | TSG SA WG4 | 11.3, 5.4 | S4-161373 |
| S4-161342 | MMCMH\_Enh WI Timeplan v0.0.6 | Qualcomm Incorporated (Rapporteur) | 11.6, 16.6 | S4-161355 |
| S4-161343 | CR 26.980-0004 rev 2 Correction to Compact Concurrent Codec Capabilities SDP ABNF (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161344 | CR 26.114-0395 rev 1 QoS for MMCMH Sessions (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161345 | Draft LS on MMCMH\_Enh Progress (To: CT3) | TSG SA WG4 | 11.3, 16.6 | S4-161357 |
| S4-161346 | Draft report from SA4#91 EVS SWG | Acting EVS SWG Secretary | 13.1 |  |
| S4-161347 | pCR to TR 26.954: proposed new sub-clause | Sony Mobile Communications | 9.7 | S4-161348 |
| S4-161348 | pCR to TR 26.954: proposed new sub-clause | Sony Mobile Communications | 9.7 |  |
| S4-161349 | DRAFT 3GPP TR 26.954 V0.1.0 | Editor (Qualcomm, Incorporated) | 9.7, 16.2 |  |
| S4-161350 | Time plan for EXT\_UED Work Item, v. 0.3.0 | Acting Rapporteur (Qualcomm, Incorporated) | 9.7, 16.2 |  |
| S4-161351 | CR 26.980-0006 rev 2 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 16.6 | S4-161354 |
| S4-161352 | CR 26.114-0392 rev 2 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 11.6, 16.6 |  |
| S4-161353 | Draft New WID on RAN-Assisted Codec Adaptation in MTSI (LTE\_VoLTE\_ViLTE\_enh-S4) | Intel, Panasonic Corporation, Qualcomm Incorporated, Huawei Technologies Co. Ltd., Ericsson LM | 19 | S4-161356 |
| S4-161354 | CR 26.980-0006 rev 3 Common Codec Identification and Usage (Rel-14) | Qualcomm Incorporated | 16.6 |  |
| S4-161355 | MMCMH\_Enh WI Timeplan v0.0.7 | Qualcomm Incorporated (Rapporteur) | 16.6 |  |
| S4-161356 | New WID on RAN-Assisted Codec Adaptation in MTSI (LTE\_VoLTE\_ViLTE\_enh-S4) | Intel, Panasonic Corporation, Qualcomm Incorporated, Huawei Technologies Co. Ltd., Ericsson LM | 19 |  |
| S4-161357 | LS on MMCMH\_Enh Progress (To: CT3) | TSG SA WG4 | 16.6 |  |
| S4-161358 | Draft TR 26.917 on "MBMS/PSS Enhancements to Support Television Services" v. 0.4.0 | Qualcomm Incorporated (Rapporteur) | 17.4 | S4-161368 |
| S4-161359 | Draft WID on "Server and Network Assisted DASH for 3GPP Multimedia Services (SAND)" | Intel, Ericsson LM, Deutsche Telekom AG, Qualcomm Incorporated, Sony Mobile Communications | 19 | S4-161362 |
| S4-161360 | DRAFT New WID Media and TV service Interface for eMBMS Delivery (AE\_enTV-S4) | Samsung Electronics Co., Ericsson LM, ENENSYS Technologies, Qualcomm Incorporated, EXPWAY, One2many | 19 | S4-161371 |
| S4-161361 | Reply LS on QCI for CLUE Messages | TSG SA WG2 | 12 |  |
| S4-161362 | WID on "Server and Network Assisted DASH for 3GPP Multimedia Services (SAND)" | Intel, Ericsson LM, Deutsche Telekom AG, Qualcomm Incorporated, Sony Mobile Communications | 19 |  |
| S4-161363 | CR 26.247-0090 rev 4 A/V MOS estimation support for DASH (Rel-14) | Huawei Tech.(UK) Co., Ltd, Deutsche Telekom AG | 16.4 |  |
| S4-161364 | Draft TR 26.909 Study on improved streaming Quality of Experience (IQoE) reporting in 3GPP services and networks v0.7.1 | Rapporteur (Huawei Tech.(UK) Co., Ltd) | 16.4 |  |
| S4-161365 | TRAPI: Proposed Timeplan, v. 0.7 | Qualcomm Incorporated, Samsung (Rapporteur) | 16.3 |  |
| S4-161366 | FS\_xMBMS Timeplan v0.7 | Rapporteur (Samsung) | 17.6 |  |
| S4-161367 | Draft Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 5.3 | S4-161372 |
| S4-161368 | Draft TR 26.917 on "MBMS/PSS Enhancements to Support Television Services" v. 0.5.0 | Qualcomm Incorporated (Rapporteur) | 17.4 |  |
| S4-161369 | FS\_USE\_3GPP\_4\_TV: Proposed Timeplan, v. 0.4 | Qualcomm Incorporated (Rapporteur) | 17.4 |  |
| S4-161370 | Draft Reply LS on progress of FS\_xMBMS study item (To: TSG CT WG3, TSG SA WG2) | TSG SA WG4 | 5.3 | S4-161374 |
| S4-161371 | New WID Media and TV service Interface for eMBMS Delivery (AE\_enTV-S4) | Samsung Electronics Co., Ericsson LM, ENENSYS Technologies, Qualcomm Incorporated, EXPWAY, One2many | 19 |  |
| S4-161372 | Draft Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 5.3 | S4-161375 |
| S4-161373 | Reply LS Regarding Bandwidth Enforcement (To: GSMA NG RILTE, Cc: 3GPP CT WG1, 3GPP CT WG3) | TSG SA WG4 | 11.3, 5.4 |  |
| S4-161374 | Reply LS on progress of FS\_xMBMS study item (To: TSG CT WG3, TSG SA WG2) | TSG SA WG4 | 5.3 |  |
| S4-161375 | Reply LS on external interface for TV services (To: TSG CT WG3, Cc: TSG SA WG2, TSG CT, TSG SA) | TSG SA WG4 | 5.3 |  |
| S4-161376 | Draft Report of SA4#91 meeting, v. 0.0.1 | TSG-S4 Secretary |  |  |