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| S4-160579 | Background on Service API Specification | QUALCOMM CDMA Technologies | 8.6 |  |
| S4-160580 | TRAPI: Service APIs | QUALCOMM CDMA Technologies | 8.6 | S4-160806 |
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| S4-160752 | Proposed metrics for FS\_UE\_VTPerf TR WITHDRAWN MISSING | Qualcomm Incorporated | 10.5 |  |
| S4-160753 | FS\_UE\_VTPerf Project plan, v0.2.0 | FS\_UE\_VTPerf rapporteur (ORANGE) | 10.5, 17.7 |  |
| S4-160754 | Draft TR 26.918 Virtual reality (VR) media services over 3GPP v0.2.0 | ORANGE (Rapporteur) | 17.8 |  |
| S4-160755 | Draft CR 26.114-xxxx on Bearer mapping for H.264 and H.265 Level 3.1 (Release 14) | Ericsson LM | 16.7 | S4-160765 |
| S4-160756 | Reply LS on EPS bearer mapping (To: RAN5) | TSG SA WG4 | 12, 16.7 | S4-160766 |
| S4-160757 | CR 26.949-0002 rev 2 Alignment with TS 26.116 (Rel-13) WITHDRAWN MISSING | Qualcomm Incorporated | 10.4, 14.9 |  |
| S4-160758 | FS\_VR Timeplan v0.2 | ORANGE (Rapporteur) | 17.8 |  |
| S4-160759 | VIDEO SWG report during SA4#89 | VIDEO SWG chairman | 13.5 |  |
| S4-160760 | CR 26.949-0003 Alignment with TS 26.116 (Rel-13) | Qualcomm Incorporated | 14.9 | S4-160763 |
| S4-160761 | DESUDAPS-2: Requirements for SWB/FB P.835 objective predictor model(s), v. 1.0 | SQ SWG | 16.1 |  |
| S4-160762 | LS on Performance Requirements for SWB/FB P.835 predictors (To: ETSI TC STQ, Cc: ITU-T SG12 Q9) | TSG SA WG4 | 16.1 |  |
| S4-160763 | CR 26.949-0003 rev 1 Alignment with TS 26.116 (Rel-13) | Qualcomm Incorporated | 14.9 |  |
| S4-160764 | Time and work plan for IQOE | Rapporteur (Huawei Tech.(UK) Co., Ltd) | 16.4 |  |
| S4-160765 | Draft CR 26.114-xxxx on Bearer mapping for H.264 and H.265 Level 3.1 (Release 14)  | Ericsson LM | 16.7 |  |
| S4-160766 | Reply LS on EPS bearer mapping (To: RAN5) | TSG SA WG4 | 12, 16.7 |  |
| S4-160767 | Not used |  |  |  |
| S4-160768 | Not used |  |  |  |
| S4-160769 | Not used |  |  |  |
| S4-160770 | Not used |  |  |  |
| S4-160771 | CR 26.223-0005 rev 1 HEVC SCC Extension Support (Rel-14) | Qualcomm Incorporated, Intel, Nokia Corporation, Telecom Italia S.p.A., Ericsson LM | 11.5, 16.5 |  |
| S4-160772 | CR 26.114-0376 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-8) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160773 | CR 26.114-0377 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-9) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160774 | CR 26.114-0378 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-10) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160775 | CR 26.114-0379 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-11) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160776 | CR 26.114-0380 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-12) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160777 | CR 26.114-0381 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-13) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160778 | CR 26.114-0382 rev 1 Corrections related to recommended mode set for AMR and AMR-WB (Rel-14) | Nokia Networks, Ericsson LM | 11.4, 14.14 |  |
| S4-160779 | CR 26.114-0383 rev 1 Clarifications on using imageattr (Rel-13) | Qualcomm Incorporated | 11.4, 14.14 |  |
| S4-160780 | CR 26.114-0384 Clarifications on using imageattr (Rel-14) | Qualcomm Incorporated | 11.4, 14.14 |  |
| S4-160781 | CR 26.916-0002 Naming Replacement for EVSoCS (Rel-14) | Ericsson LM | 11.7 | S4-160821 |
| S4-160782 | MMCMH\_Enh: Proposed Time Plan v0.0.2 | Qualcomm Incorporated (Rapporteur) | 11.6, 16.6 |  |
| S4-160783 | DRAFT CR26.114-xxxx Re-insertion of simulcast and pause-resume (Rel-14) | Ericsson LM | 11.6, 16.6 |  |
| S4-160784 | LS on the introduction of simulcast and pause-resume usage into MMCMH Rel-14 (To: CT1, CT3, CT4) | TSG SA WG4 | 11.6, 16.6 |  |
| S4-160785 | Revised WID on Enhancements to Multi-stream Multiparty Conferencing Media Handling (MMCMH\_Enh) | Qualcomm Incorporated, Ericsson LM, Nokia Corporation, Telecom Italia S.p.A., Intel | 11.6, 16.6 |  |
| S4-160786 | 3GPP SA4 MBS SWG report at SA4#89 | SA4 MBS SWG Chairman | 13.2 |  |
| S4-160787 | DRAFT LS on the Codec for MCVideo (To: SA1) | Huawei Technologies Co. Ltd | 8.11 | S4-160843 |
| S4-160788 | CR 26.179-0003 Addition of mandatory RTP profiles for MCPTT (Rel-13) | Ericsson LM | 8.5, 14.10 |  |
| S4-160789 | LS reply on RTP/RTCP profile for MCPTT (To: CT1) | TSG SA WG4 | 5.3, 12 |  |
| S4-160790 | CR 26.346-0540 rev 1 XML Schema Corrections for Associated Procedure Description (Rel-12) | Qualcomm Incorporated, Ericsson LM | 14.14 | S4-160827 |  | Qualcomm Incorporated, Ericsson LM | 8.5, 14.14 |
| S4-160791 | CR 26.346-0541 rev 1 Corrections to XML Schema of MBMS Consumption Report Request Message (Rel-12) | Qualcomm Incorporated, Ericsson LM | 8.5, 14.14 | S4-160828 |
| S4-160792 | CR 26.346-0542 rev 1 Corrections to XML Schema of MBMS Consumption Report Request Message (Rel-13) | Qualcomm Incorporated, Ericsson LM | 8.5, 14.14 | S4-160829 |
| S4-160793 | CR 26.346-0554 Correction to Consumption Report Example (Rel-12) | one2many B.V. | 8.5 | S4-160854 |
| S4-160794 | CR 26.346-0555 Correction to Consumption Report Example (Rel-13) | one2many B.V. | 8.5 | S4-160855 |
| S4-160795 | CR 26.346-0552 on MooD: Correction on UE re-selection of consumption reporting server (Rel-12) | Ericsson LM, Expway, Qualcomm Incorporated, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160796 | CR 26.346-0553 on MooD: Correction on UE re-selection of consumption reporting server (Rel-13) | Ericsson LM, Expway, Qualcomm Incorporated, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160797 | CR 26.346-0546 rev 1 on MooD: MIME Type for Consumption reporting request (Rel-12) | Ericsson LM, Qualcomm Incorporated, Expway, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160798 | CR 26.346-0547 rev 1 on MooD: MIME Type for Consumption reporting request (Rel-13) | Ericsson LM, Qualcomm Incorporated, Expway, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160799 | CR 26.346-0548 rev 1 on MooD: Separation of Consumption Report configuration from other associated delivery procedures (Rel-12) | Ericsson LM, Qualcomm Incorporated, Expway, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160800 | CR 26.346-0549 rev 1 on MooD: Separation of Consumption Report configuration from other associated delivery procedures (Rel-13) | Ericsson LM, Qualcomm Incorporated, Expway, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160801 | CR 26.346-0550 rev 1 on MooD: Consistent Location Reporting in Consumption Reports and MOOD Headers (Rel-12) | Ericsson LM, Qualcomm Incorporated, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160802 | CR 26.346-0551 rev 1 on MooD: Consistent Location Reporting in Consumption Reports and MOOD Headers (Rel-13) | Ericsson LM, Qualcomm Incorporated, Telstra Corporation Limited | 8.5, 14.14 |  |
| S4-160803 | On the MBMS URL Forms | Apple (UK) Limited | 8.6 |  |
| S4-160804 | CR 26.852-0003 rev 1 Handling of Parameter-less MBMS URL forms (Rel-14) | Samsung Electronics Co., Ltd | 8.6, 16.3 | S4-160830 |
| S4-160805 | TS 26.347 v0.3.0 | QUALCOMM Incorporated | 8.6,16.3 |  |
| S4-160806 | TRAPI: Service APIs | Qualcomm CDMA Technologies, one2many, Enensys, Samsung Electronics Co. Ltd | 8.6 |  |
| S4-160807 | TRAPI: Requirements and Principles for TRAPI API definition MISSING | Telstra, Ericsson LM | 8.6 |  |
| S4-160808 | QoE reporting for streaming services | Huawei Tech.(UK) Co., Ltd;China Unicom | 8.7 |  |
| S4-160809 | OTT streaming service deployment model analysis | CMCC, Huawei Tech.(UK) Co., Ltd | 8.7 |  |
| S4-160810 | IQoE: Proposed Updates to TR 26.909 based on Additional Input Parameters for Video MOS Support | Intel | 8.7 |  |
| S4-160811 | TR 26.909 v0.3.0 | Rapporteur (Huawei) | 8.7, 16.4 | S4-160835 |
| S4-160812 | Use cases and recommended requirements for IQOE | Huawei Tech.(UK) Co., Ltd;China Mobile | 8.7 |  |
| S4-160813 | IQoE Use case: WebTV Quality Monitoring | Deutsche Telekom AG | 8.7 |  |
| S4-160814 | SAND: Proposed Timeplan v0.2.0 | Intel | 8.9, 17.3 |  |
| S4-160815 | SAND: TR 26.957 v.0.3.0 | Intel | 8.9, 17.3 |  |
| S4-160816 | SAND: Proposed Use Case and Requirements on Proxy Caching | Intel | 8.9, 17.3 |  |
| S4-160817 | SAND: Proposed Requirements on Consistent QoE/QoS for DASH Users | Intel | 8.9, 17.3 |  |
| S4-160818 | FS\_SAND: Network Assistance for DASH | Ericsson LM, Sony Mobile Communications | 8.9, 17.3 |  |
| S4-160819 | SAND: Proposed Reply LS to RAN3 | Intel | 8.9 |  |
| S4-160820 | Time and Work Plan for FS\_MCP\_V | Huawei Tech.(UK) Co., Ltd | 8.11, 17.5 |  |
| S4-160821 | CR 26.916-0002 rev 1 Naming Replacement for EVSoCS (Rel-14) | Ericsson LM | 11.7, 15.1 |  |
| S4-160822 | Report of the MTSI SWG meeting held during SA4#89 | SA4 MTSI SWG Acting Secretaries | 13.3 |  |
| S4-160823 | Draft CR26.454-xxxx 11 Handling of Speech and SID payload (Rel-13) | Ericsson LM | 7.3 |  |
| S4-160824 | Draft CR26.454-xxxx 11 Filtering and Modification of EVS-CMR (Rel-13) | Ericsson LM | 7.3 |  |
| S4-160825 | Draft CR26.454-xxxx 4 General for EVSoCS (Rel-13) | Ericsson LM | 7.3 |  |
| S4-160826 | Draft report from SA4#89 EVS SWG | EVS SWG Secretary | 13.1 |  |
| S4-160827 | CR 26.346-0540 rev 2 XML Schema Corrections for Associated Procedure Description (Rel-12) | Qualcomm Incorporated, Ericsson LM | 14.14 |  |
| S4-160828 | CR 26.346-0541 rev 2 Corrections to XML Schema of MBMS Consumption Report Request Message (Rel-12) | Qualcomm Incorporated, Ericsson LM | 14.14 |  |
| S4-160829 | CR 26.346-0542 rev 2 Corrections to XML Schema of MBMS Consumption Report Request Message (Rel-13) | Qualcomm Incorporated, Ericsson LM | 14.14 |  |
| S4-160830 | CR 26.852-0003 rev 2 Handling of Parameter-less MBMS URL forms (Rel-14) | Samsung Electronics Co., Ltd | 16.3 |  |
| S4-160831 | Draft CR26.454-xxxx 11 Interworking between different EVS Configurations (Rel-13) MISSING | Ericsson LM | 7.3 |  |
| S4-160832 | DRAFT Reply LS on EVS over CS (To: CT3, Cc: CT4) | EVS SWG | 7.4 | S4-160834 |
| S4-160833 | Draft CR26.454-xxxx 11 Interworking between EVS and AMR-WB (Rel-13) | Ericsson LM | 7.3 |  |
| S4-160834 | Reply LS on EVS over CS (To: CT3, Cc: CT4) | TSG SA WG4 | 5.3, 7.4, 12 |  |
| S4-160835 | TR 26.909 v0.4.0 | Rapporteur (Huawei) | 16.4 |  |
| S4-160836 | Draft LS on progress of FS\_xMBMS study item (To: SA1, SA2, SA3, SA6, CT3) | TSG SA WG4 | 17.6 | S4-160837 |
| S4-160837 | LS on progress of FS\_xMBMS study item (To: SA1, SA2, SA3, SA6, CT3) | TSG SA WG4 | 12, 17.6 |  |
| S4-160838 | Not used |  |  |  |
| S4-160839 | Not used |  |  |  |
| S4-160840 | Not used |  |  |  |
| S4-160841 | Draft TR 26.8xx on FS\_MCP\_V v0.1.0 | Huawei Tech.(UK) Co., Ltd | 8.11, 17.5 | S4-160863 |
| S4-160842 | FS\_xMBMS Timeplan v0.2 | Rapporteur (Samsung Electronics Co., Ltd) | 8.12 | S4-160860 |
| S4-160843 | LS on the Codec for MCVideo (To: SA1) | TSG SA WG4 | 8.11, 17.5 |  |
| S4-160844 | FS\_xMBMS: Skeleton TR 26.9xx MBMS Extensions for Provisioning and Content Ingestion, v0.0.2 | Editor (Ericsson) | 8.12, 17.6 | S4-160868 |
| S4-160845 | CR 26.346-0557 Use of ETag for Byte-Range-based File Repair Request (Rel-11) POSTPONED | Qualcomm Incorporated | 8.5, 14.14 |  |
| S4-160846 | CR 26.346-0558 Use of ETag for Byte-Range-based File Repair Request (Rel-12) MISSING WITHDRAWN | Qualcomm Incorporated | 8.5, 14.14 |  |
| S4-160847 | CR 26.346-0559 Use of ETag for Byte-Range-based File Repair Request (Rel-13) MISSING WITHDRAWN | Qualcomm Incorporated | 8.5, 14.14 |  |
| S4-160848 | CR 26.346-0556 Reception Reporting Periodic Reporting (Rel-14) | ENENSYS, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 8.7, 16.4 | S4-160865 |
| S4-160849 | TR 26.953 v0.7.0 (FS\_IS3) | Rapporteur (Qualcomm Incorporated) | 8.8, 17.2 |  |
| S4-160850 | FS\_IS3: Timeplan | Rapporteur (Qualcomm Incorporated) | 8.8, 17.2 | S4-160867 |
| S4-160851 | Survey of Broadcast TV Service Signaling Functionality | Qualcomm Incorporated, LG Electronics Inc. | 8.10, 17.4 |  |
| S4-160852 | USE\_3GPP\_4\_TV: Work Plan | Rapporteur (Qualcomm Incorporated) | 8.10, 17.4 |  |
| S4-160853 | USE\_3GPP\_4\_TV: Draft TR v0.1.0 | Rapporteur (Qualcomm Incorporated) | 8.10, 17.4 | S4-160862 |
| S4-160854 | CR 26.346-0554 rev 1 Correction to Consumption Report Example (Rel-12) | one2many B.V. | 8.5, 14.14 |  |
| S4-160855 | CR 26.346-0555 rev 1 Correction to Consumption Report Example (Rel-13) | one2many B.V. | 8.5, 14.14 |  |
| S4-160856 | TRAPI: appServiceType | Expway, Qualcomm Incorporated | 8.6 |  |
| S4-160857 | TRAPI: Proposed Timeplan v. 0.4 | Qualcomm Incorporated, Samsung (Rapporteur) | 8.6, 16.3 |  |
| S4-160858 | Draft LS on QoE reporting for streaming services (To: TSG-RAN WG2, Cc: TSG-SA WG5) | Huawei Tech.(UK) Co., Ltd | 8.7, 16.4 | S4-160866 |
| S4-160859 | Draft Reply LS to RAN3 on SAND (To: TSG RAN WG3) | TSG SA WG4 | 8.9, 17.3 | S4-160861 |
| S4-160860 | FS\_xMBMS Timeplan v0.3 | Rapporteur (Samsung Electronics Co., Ltd) | 8.12, 17.6 | S4-160864 |
| S4-160861 | Reply LS to RAN3 on SAND (To: TSG RAN WG3) | TSG SA WG4 | 17.3 |  |
| S4-160862 | Draft TR 26.9xx on "MBMS/PSS Enhancements to Support Television Services"v. 0.1.1 | Rapporteur (Qualcomm Incorporated) | 17.4 |  |
| S4-160863 | Draft TR 26.880 on FS\_MCP\_V v0.1.1 | Rapporteur (Samsung Electronics Co., Ltd) | 17.5 |  |
| S4-160864 | FS\_xMBMS Timeplan v0.4 | Rapporteur (Samsung Electronics Co., Ltd) | 17.6 |  |
| S4-160865 | CR 26.346-0556 rev 1 Reception Reporting Periodic Reporting (Rel-14) | ENENSYS, Qualcomm Incorporated, Samsung Electronics Co., Ltd | 16.4 |  |
| S4-160866 | LS on QoE reporting for streaming services (To: TSG-RAN WG2, Cc: TSG-SA WG5) | TSG SA WG4 | 16.4 |  |
| S4-160867 | FS\_IS3: Timeplan | Rapporteur (Qualcomm Incorporated) | 17.2 |  |
| S4-160868 | FS\_xMBMS: Skeleton TR 26.9xx MBMS Extensions for Provisioning and Content Ingestion, v0.0.3 | Editor (Ericsson) | 17.6 | S4-160869 |
| S4-160869 | FS\_xMBMS: Skeleton TR 26.981 MBMS Extensions for Provisioning and Content Ingestion, v0.0.4 | Editor (Ericsson) | 17.6 |  |
| S4-160870 | Draft Report of SA4#89 meeting, v. 0.0.1 | TSG-S4 Secretary |  |  |