

Meeting	Spec	Phase	Subject	TD	Source	Status	Work Item
S2-117	23.730		Solution on coverage enhancement for location services	S2-165977	Huawei, HiSilicon	Approved	ClIoT_Ext
S2-117	23.730		Solution for Reuse of MBMS - Key issue #4	S2-165974	Qualcomm Incorporated	Approved	ClIoT_Ext
S2-117	23.730		Backward compatibility in CN Overload Control for CP Optimization	S2-165723	Qualcomm Incorporated	Approved	FS_ClIoT_Ext
S2-117	23.751		Solution for User Plane QoS differentiation in untrusted WLAN case	S2-166028	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_VoWLAN
S2-117	23.751		New Key Issue on determining QoS for the uplink traffic	S2-166027	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_VoWLAN
S2-117	23.751		TR 23.751 skeleton	S2-165502	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_VoWLAN
S2-117	23.751		TR 23.751 scope	S2-165503	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_VoWLAN
S2-117	23.751		New Key Issues on QoS differentiation in the user plane	S2-166026	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_VoWLAN
S2-117	23.798		New Key Issue: Admission of a Public Safety UE not known in the E-UTRAN site	S2-165956	Orange	Approved	FS_IOPS_LB
S2-117	23.798		Solution: IOPS network using the backhaul for authentication only	S2-165957	Orange	Approved	FS_IOPS_LB
S2-117	23.799		Interim Agreements on common AN-CN interface	S2-166252	Motorola Mobility, Lenovo, Broadcom	Approved	FS_NextGen
S2-117	23.799		Way forward on Key Issue 4 on Session Management for WT1 and WT2	S2-166245	Qualcomm Inc.	Approved	FS_NextGen
S2-117	23.799		Updates to Overall architecture option #6	S2-166149	Nokia, Alcatel-Lucent Shanghai Bell, Verizon, Cisco, Samsung, Intel, LGE	Approved	FS_NextGen
S2-117	23.799		Discussions and proposals on the considerations of Policy Control Framework for Network Slicing support	S2-166139	ZTE Corporation, Oracle, Telecom Italia, ETRI	Approved	FS_NextGen
S2-117	23.799		Updates on interworking and migration solution 18.2: Overall	S2-166100	Nokia, Qualcomm Incorporated, KDDI, Huawei	Approved	FS_NextGen
S2-117	23.799		solution for enhanced encrypted traffic detection	S2-166136	China Telecom, Alibaba	Approved	FS_NextGen
S2-117	23.799		Solution evaluation 6.3.12 'Solution for UE reachability in power saving state'	S2-166122	LG Electronics	Approved	FS_NextGen
S2-117	23.799		Some Interim Agreements on KI#8	S2-166127	CATT, CATR	Approved	FS_NextGen
S2-117	23.799		Solution: Consolidated architecture option X	S2-166170	Huawei, Hisilicon, CATR	Approved	FS_NextGen
S2-117	23.799		Intra-RAT Handover procedure	S2-166124	CATT, CATR	Approved	FS_NextGen
S2-117	23.799		Updates to Overall architecture option #6	S2-166138	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		Way forward on migration from option 3 to NG Core	S2-166106	Qualcomm Incorporated, Ericsson, NTT Docomo, AT&T, MediaTek, KDDI, Rogers Communications Canada, Nokia, KT, Vodafone, Apple	Approved	FS_NextGen
S2-117	23.799		Updates on interworking and migration solution 18.2: Call flows	S2-166101	Nokia, KDDI, Qualcomm Incorporated	Approved	FS_NextGen
S2-117	23.799		Interim agreement on how the UE determines the SSC mode	S2-166247	Motorola Mobility, Lenovo	Approved	FS_NextGen
S2-117	23.799		Interim agreements for KI 7	S2-166255	Huawei, HiSilicon, Sprint, CATR	Approved	FS_NextGen
S2-117	23.799		Solution: Standalone non-3GPP access via NG2/NG3	S2-166130	Motorola Mobility, Lenovo, Broadcom, CMCC	Approved	FS_NextGen
S2-117	23.799		Interim agreements Extracted from Show of hands on Thursday, October 20	S2-166237	Nokia	Approved	FS_NextGen
S2-117	23.799		Additional interim agreements for QoS establishment	S2-166188	Qualcomm Inc.	Approved	FS_NextGen
S2-117	23.799		Interim Agreement on Reflective QoS	S2-166186	Ericsson	Approved	FS_NextGen
S2-117	23.799		Interim agreements for QoS framework	S2-166185	Nokia, Alcatel-Lucent Shanghai Bell, AT&T	Approved	FS_NextGen
S2-117	23.799		Addition of lightweight UE Status Update procedure at NG1	S2-166125	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		UE reachability management in Inactive mode	S2-166227	Ericsson	Approved	FS_NextGen
S2-117	23.799		Solution updates to MM-SM split	S2-166054	Ericsson	Approved	FS_NextGen
S2-117	23.799		Evaluation on subscription information access in MM-SM split architecture	S2-166053	LG Electronics	Approved	FS_NextGen
S2-117	23.799		Update of Consolidated Architecture Option 4	S2-165692	Deutsche Telekom AG	Approved	FS_NextGen
S2-117	23.799		TSSF and Policy	S2-165647	Huawei, HiSilicon	Approved	FS_NextGen

Meeting	Spec	Phase	Subject	TD	Source	Status	Work Item
S2-117	23.799		Correction of implementation error	S2-165640	LG Electronics	Approved	FS_NextGen
S2-117	23.799		Way forward on support of non-3GPP access and update to solution 8.6 for support of untrusted non-3GPP access	S2-166283	Qualcomm Inc.	Approved	FS_NextGen
S2-117	23.799		Update to solution 18.4	S2-165583	China Telecom	Approved	FS_NextGen
S2-117	23.799		New Key Issue: Transition of a E-UTRAN site between full isolation and limited backhaul	S2-165955	Orange	Approved	FS_IOPS_LB
S2-117	23.799		Updated Solution 3.10 for CN Assisted Paging Retry	S2-166226	ETRI	Approved	FS_NextGen
S2-117	23.799		Interim Agreements on Session Management (Key Issue 5 and 6)	S2-166246	Nokia, Alcatel-Lucent Shanghai Bell, LGE	Approved	FS_NextGen
S2-117	23.799		Interim Agreements on Session Management (Key Issue #4)	S2-166244	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		Updates to solution 6.6.1	S2-166250	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		Interim conclusions on user plane format	S2-166242	Ericsson	Approved	FS_NextGen
S2-117	23.799		Migration solution with Evolved E-UTRAN to operate EPC and NextGen Core simultaneously	S2-166262	LG Electronics, SK Telecom	Approved	FS_NextGen
S2-117	23.799		Clarifications and proposed way forward on Mobility Management Parameters - Key issue #3	S2-166223	Qualcomm Incorporated, MediaTek Inc.	Approved	FS_NextGen
S2-117	23.799		Clarification of Interim Agreements on Mobility on Demand	S2-166222	Ericsson, MediaTek Inc.	Approved	FS_NextGen
S2-117	23.799		Interim agreements on Reachability	S2-166220	Ericsson, Nokia	Approved	FS_NextGen
S2-117	23.799		Untrusted access to NGC: update to solution 8.6 and Interim agreement	S2-166282	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		Separation of Mobility levels and Mobility restrictions	S2-166084	Sony, Ericsson, MediaTek Inc, Qualcomm Incorporated	Approved	FS_NextGen
S2-117	23.799		Updated interim agreements on session management	S2-166281	NEC, NTT DOCOMO	Approved	FS_NextGen
S2-117	23.799		PDU Session IP version handling	S2-166279	Ericsson	Approved	FS_NextGen
S2-117	23.799		Multiple level Tracking area management and update the interim agreement on mobility management	S2-166278	Huawei, HiSilicon, China Mobile, China Unicom, China Telecom, CATR	Approved	FS_NextGen
S2-117	23.799		Interim Agreements for KI 6	S2-166248	Huawei, HiSilicon	Approved	FS_NextGen
S2-117	23.799		Update to Solution 5.1 - Session continuity to enable (re) selection of efficient user plane paths	S2-166249	InterDigital	Approved	FS_NextGen
S2-117	23.799		Agreement on the overall architecture	S2-166265	China Mobile, AT&T, Telecom Italia, Sprint, ZTE, CATR, Broadcom, Deutsche Telekom	Approved	FS_NextGen
S2-117	23.799		Interface for interconnection	S2-166256	Huawei, HiSilicon, China mobile, CATR, Telecom Italia, Deutsche Telekom	Approved	FS_NextGen
S2-117	23.799		Interim agreement and Update of Solution 4.2: Session setup procedures (Home Routed)	S2-166243	Nokia, Alcatel-Lucent Shanghai Bell	Approved	FS_NextGen
S2-117	23.799		Interim agreements on the Policy Framework	S2-166133	Ericsson, ZTE, Oracle	e-mail approved	FS_NextGen
S2-117	23.799		Policy on RAT/Frequency Selection Priority	S2-166259	Huawei, HiSilicon	e-mail approved	FS_NextGen
S2-117	23.799		Way forward on EPC-NG Core Interworking	S2-166263	Qualcomm Incorporated, Huawei, Nokia	e-mail approved	FS_NextGen
S2-117	23.799		Key Issue #19: EPC/NGCN updates for 'virtualisation'	S2-166264	Vodafone	e-mail approved	FS_NextGen
S2-117	23.799		AMBR enforcement	S2-166269	ZTE Corporation	e-mail approved	FS_NextGen

85 Entries.

B.3a List of P-CRs for e-mail approval

Meeting	Spec	Phase	Subject	TD	Comment	Source	Status	Work Item
S2-117	23.730		Evaluation & Conclusion Key issue #2	S2-166270	Revision of S2-165521. This was left for e-mail approval. Noted	Ericsson	Noted	FS_CIoT_Ext
S2-117	23.799		Solution evaluation and selection for UE simultaneously connected to 3GPP and N3GPP (sol 4.20 and 4.24)	S2-166260	Revision of S2-166241. This was left for e-mail approval. e-mail revision 5 approved. Revised to S2-166291.	Huawei	Revised	FS_NextGen
S2-117	23.799		Way Forward on UE reachability management	S2-166277	Revision of S2-166225. This was left for e-mail approval. e-mail revision 1 approved. Revised to S2-166297.	CATT	Revised	FS_NextGen
S2-117	23.799		Interim agreement on paging area management	S2-166276	Revision of S2-166224. This was left for e-mail approval. e-mail revision 1 approved. Revised to S2-166296.	LG Electronics	Revised	FS_NextGen
S2-117	23.799		Consolidated proposals on Interim Agreements on Mobility Pattern	S2-166275	Revision of S2-166236. This was left for e-mail approval. e-mail revision 1 approved. Revised to S2-166295.	Editors	Revised	FS_NextGen
S2-117	23.799		Packet Filter with Wildcards and Update the Interim Agreement on Reflective Qos	S2-166272	Revision of S2-166187. This was left for e-mail approval. e-mail revision 1 approved. Revised to S2-166294.	Huawei, HiSilicon	Revised	FS_NextGen
S2-117	23.799		Update to interim agreements for QoS framework	S2-166271	Revision of S2-166184. This was left for e-mail approval. e-mail revision 4 approved. Revised to S2-166293.	Intel	Revised	FS_NextGen
S2-117	23.799		AMBR enforcement	S2-166269	Revision of S2-166189. This was left for e-mail approval. e-mail approved	ZTE Corporation	Approved	FS_NextGen
S2-117	23.799		Key Issue #19: EPC/NGCN updates for 'virtualisation'	S2-166264	Revision of S2-166132. This was left for e-mail approval. e-mail approved	Vodafone	Approved	FS_NextGen
S2-117	23.799		Interim agreement for MMF-SMF split and Update of Solution 4.16 (Signalling layer integrity between MM and SM entities)	S2-166280	Revision of S2-166052. This was left for e-mail approval. e-mail revision 5 approved. Revised to S2-166298.	Nokia, Alcatel-Lucent Shanghai Bell	Revised	FS_NextGen
S2-117	23.799		Update to Solution 18.4	S2-166261	Revision of S2-166103. This was left for e-mail approval. e-mail revision 2 approved. Revised to S2-166292.	Intel	Revised	FS_NextGen
S2-117	23.799		Policy on RAT/Frequency Selection Priority	S2-166259	Revision of S2-166137. This was left for e-mail approval. e-mail approved	Huawei, HiSilicon	Approved	FS_NextGen
S2-117	23.799		Interim agreements on the Policy Framework	S2-166133	Revision of S2-165536. This was left for e-mail approval. e-mail approved	Ericsson, ZTE, Oracle	Approved	FS_NextGen
S2-117	23.799		Way forward on EPC-NG Core Interworking	S2-166263	Revision of S2-166104. This was left for e-mail approval. e-mail approved	Qualcomm Incorporated, Huawei, Nokia	Approved	FS_NextGen

14 Entries.

Annex C Liaison Statements**C.1 Incoming LSs**

TD	LS_From	Title	LS_Source_file	To	CC	Attachments	Response in TD	Decision
S2-165475	RAN WG2	LS from RAN WG2: Reply LS on Multiple RoHC Contexts for MMCMH	R2-165936	SA WG4	CT WG1, SA WG2			Noted
S2-165476	RAN WG2	LS from RAN WG2: LS on NBIFOM and steering command	R2-165949	SA WG2, CT WG1	-	R2-165417		Postponed
S2-165477	SA WG1	LS from SA WG1: LS on 5G work alignment	S1-162544	TSG RAN, SA WG2	TSG SA, SA WG3	TS 22.261 v0.1.1	S2-166238	Replied to
S2-165478	ETSI TC LI	LS from ETSI TC LI: LI in the CIoT	LI(16)P43040r1	SA WG3-LI	TSG SA, SA WG2			Noted
S2-165479	SA WG4	LS from SA WG4: LS on QCI for CLUE Messages	S4-161022	CT WG1, CT WG3, SA WG2	-		S2-166287	Replied to
S2-165480	SA WG4	LS from SA WG4: Reply LS on external interface for TV services	S4-161129	SA WG2	CT WG3	S4-161128		Noted
S2-165481	SA WG5	LS from SA WG5: Reply LS to SA WG2, CT WG4 Response LSs on Control Plane CIoT Optimisation Indicator propagated to PGW for charging purpose	S5-165280	SA WG2, CT WG4	-			Noted
S2-165482	ITU-T JCA-IoT SC&C	LS from ITU-T JCA-IoT SC&C: LS on recent work by JCA-IoT and SC&C	sp15-jca-iotandsc&c-oLS-0003	3GPP, various external bodies	All ITU-T SGs, TSAG	Link to: Free-download-IoT-roadmap.doc		Noted
S2-165483	TSG SA	LS from TSG SA: Reply LS on Cooperation on NGS FMC	SP-160743	Broadband Forum	SA WG1, SA WG3, SA WG5, TSG CT, CT WG1, CT WG3, CT WG4			Noted
S2-165484	TSG SA	LS from TSG SA: Completion of SA WG3-LI Study TR 33.827 on S8HR	SP-160744	GSMA NG, GSMA WAS, GSMA PSMC	SA WG3LI, SA WG2, CT WG1, TSG CT, CT WG4.	SP-160606 (S8HR TR 33.827 v1.0.0)	S2-166231	Replied to
S2-165489	ITU-R WP 4B	LS from ITU-R WP 4B: INVITATION TO CONSIDER INTEGRATION OF SATELLITE-BASED SOLUTIONS INTO IMT-2020 NETWORKS	4B/TEMP/17	3GPP, ETSI TC/SES, ITU-R WORKING PARTY 5D	-			Noted
S2-165490	RAN WG1	LS from RAN WG1: LS on RAN WG1 agreements for LTE-based V2X	R1-168026	RAN WG2, RAN WG3, SA WG2	-			Noted
S2-165491	SA WG3	LS from SA WG3: LS on NG authentication functions	S3-161509	SA WG2	-	S3-161494		Noted
S2-165492	SA WG3	LS from SA WG3: Update on definitions of identifiers	S3-161527	SA WG1	SA WG2			Noted
S2-165774	ETSI NFV	LS from ETSI NFV: LS OUT on NFV-based solutions for next generation mobile networks	NFV(16)000324r4	TSG SA, SA WG2, SA WG3, SA WG5				Postponed
S2-165903	ETSI STQ	LS from ETSI STQ: LS on IMS settings for UE testing	STQ(16)053_032	SA WG2, SA WG4, ITU-T SG12/Q11, GCF	-			Postponed
S2-165904	NGMN	LS from NGMN: Update to NGMN	161010 Liaison	SA WG2,	TSG SA, SA WG1,	161010		Withdrawn

TD	LS_From	Title	LS_Source_file	To	CC	Attachments	Response in TD	Decision
		Description of Network Slicing Concept	NGMN P1 NW Slicing v1 0.	SA WG5, RAN WG3, ETSI NFV IFA	TSG RAN	Edge_Computing_v1 0.docx		
S2-165905	RAN WG2	LS from RAN WG2: Reply LS on overload control for CP CIoT EPS optimization	R2-167290	SA WG2, RAN WG3	CT WG1			Postponed
S2-165906	RAN WG2	LS from RAN WG2: Response LS on Multiple TMGIs for support of small and variable MBMS areas.	R2-167291	RAN WG3	SA WG2			Noted
S2-165907	RAN WG2	LS from RAN WG2: Response LS on Enhanced Coverage authorization impact on cell and PLMN selection procedures	R2-167294	SA WG2, CT WG1	-		S2-166286	Replied to
S2-165908	RAN WG2	LS from RAN WG2: LS on The progress and questions for the light connection	R2-167314	RAN WG3, CT WG1	SA WG2	RP-160540		Postponed
S2-165909	RAN WG2	LS from RAN WG2: LS on mobility enhancements for eNB-IoT	R2-167315	RAN WG3, CT WG1, SA WG2	-			Postponed
S2-166057	RAN WG3	LS from RAN WG3: Reply LS on overload control for CP CIoT EPS optimization	R3-162613	SA WG2, RAN WG2	-			Postponed
S2-166058	RAN WG3	LS from RAN WG3: LS on Flexible eNB-ID and Cell-ID in E-UTRAN	R3-162637	CT WG1, CT WG4, SA WG5, RAN WG6	RAN WG2, SA WG2			Postponed
S2-166079	NGMN Alliance Project P1	LS from NGMN Alliance Project P1: NGMN Paper on Edge Computing	161010 Liaison NGMN P1 NW Slicing v1 0	SA WG2	TSG SA, SA WG1, TSG RAN, RAN WG 3, ETSI ISG MEC, BBF, WBA, IEEE LAN/MAN	161010 Edge_Computing_v1 0.docx		Postponed
S2-166087	NGMN	LS from NGMN: Update to NGMN Description of Network Slicing Concept	161010 Liaison NGMN P1 NW Slicing v1 0.	SA WG2, SA WG5, RAN WG3, ETSI NFV IFA	TSG SA, SA WG1, TSG RAN	161010 Network Slicing framework v1.0.8.docx		Postponed
S2-166115	RAN WG1	LS from RAN WG1: LS on collisions between SC-PTM and Paging in NB-IoT	R1-1611034	RAN WG2, RAN WG3, SA WG2	-			Postponed
S2-166131	CT WG1	LS from CT WG1: Reply LS on PS Data Off	C1-164562	SA WG2	-		S2-166118	Noted
S2-166148	CT WG1	LS from CT WG1: LS on Enhanced Coverage authorization impact on cell and PLMN selection procedures	C1-164700	SA WG2, RAN WG2	-		S2-166286	Replied to

29 Entries.

C.2 Approved Outgoing LSs

TD	Title	To	CC	Attachments	Response to TD	Comment
S2-165966	Additional information on Emergency numbers in IR.21	GSMA NG SIGNAL	GSMA NG		S2-164307	Revision of S2-165943. Agreed in parallel session Block approved
S2-166118	LS on PS Data Off	CT WG1			S2-166131	Revision of S2-165933. e-mail approved and sent to CT WG1
S2-166231	Completion of SA WG3-LI Study TR 33.827 on S8HR	GSMA NG, GSMA WAS, GSMA PSMC, TSG SA	SA WG3-LI, CT WG1, TSG CT, CT WG4		S2-165484	Revision of S2-166160. Agreed in parallel session Block approved
S2-166238	LS reply on 5G work alignment	SA WG1	TSG SA, TSG RAN, SA WG3	S2-164207	S2-165477	Revision of S2-165915. Agreed in parallel session Block approved
S2-166285	LS on Handling of UE E-UTRAN capabilities when UE is camping on NB-IoT	RAN WG2, RAN WG3		S2-166010		e-mail revision of S2-166011. Approved
S2-166286	Response LS on Enhanced Coverage authorization impact on cell and PLMN selection procedures	RAN WG2, RAN WG6, CT WG1			S2-165907	Response to S2-165907 and S2-166148. e-mail revision 8 of S2-165986. Approved
S2-166287	Reply LS on QCI for CLUE Messages	SA WG4			S2-165479	Response to S2-165479. e-mail revision 1 of S2-166090. Approved
S2-166288	LS on migration from Option 3 to NextGen Core	RAN WG2, RAN WG3, TSG RAN	TSG SA, TSG CT			e-mail revision 3 of S2-166107. Approved
S2-166289	LS on NextGen QoS interim agreements	RAN WG2, RAN WG3	RAN WG1			e-mail revision 1 of S2-166190. Approved
S2-166290	LS to GSMA on Next Generation Roaming	GSMA Network 2020				e-mail revision 2 of S2-166239. Approved

10 Entries.

C.3 Outgoing LSs on e-mail approval

TD	Title	To	CC	Attachments	Response to TD	Comment
S2-165986	[DRAFT] Response LS on Enhanced Coverage authorization impact on cell and PLMN selection procedures	RAN WG2, CT WG1			S2-165907	Created in parallel session. Response to S2-165907 and S2-166148. This was left for e-mail approval. Revision 8 approved. Revised to S2-166286.
S2-166011	[DRAFT] LS on Handling of UE E-UTRAN capabilities when UE is camping on NB-IoT	RAN WG2, RAN WG3				Revision of S2-165973. This was left for e-mail approval e-mail approved. Revised to remove 'draft' in S2-166285
S2-166090	Reply LS on QCI for CLUE Messages	SA WG4			S2-165479	Created in parallel session. Response to S2-165479. This was left for e-mail approval. Revision 1 approved. Revised to S2-166287.
S2-166107	[DRAFT] LS on migration from Option 3 to NextGen Core	RAN WG2, RAN WG3, TSG RAN	TSG SA			Revision of S2-165672. This was left for e-mail approval. e-mail revision 3 approved. Revised to S2-166288.
S2-166190	[DRAFT] LS on NextGen QoS interim agreements	RAN WG2, RAN WG3	RAN WG1			Revision of S2-165999. This was left for e-mail approval. e-mail revision 1 approved. Revised to S2-166289.
S2-166239	[DRAFT] LS to GSMA on Next Generation Roaming	GSMA Network 2020				Revision of S2-165916. This was left for e-mail approval. e-mail revision 2 approved. Revised to S2-166290.

6 Entries.

Annex D WIDs and Study WIDs**D.1 List of agreed WIDs for meeting #117**

TD	Type	Title	Source	WI Code	Comment	Decision
S2-165912	SID NEW	New SID on enhanced VoLTE performance	Huawei, HiSilicon, China Telecom, Qualcomm Incorporated, China Mobile, China Unicom, T-Mobile USA INC, Telekom Austria AG, Teliasonera, Intel, AT&T, Telecom Italia		Revision of S2-165633. Approved	Approved
S2-166211	SID NEW	Study on Unlicensed spectrum offloading system enhancements	Qualcomm Incorporated, Intel, KDDI, NEC, Convida Wireless, ATT, Nokia		Revision of S2-165913. Approved	Approved
S2-166212	SID NEW	New SID on architecture enhancements to ProSe UE-to-Network Relay	Huawei, HiSilicon, Qualcomm Incorporated, LG Electronics, Nokia, Convida Wireless, KPN, Sony, Intel, China Mobile, AT&T, ITRI, Samsung, InterDigital, China Unicom, Vodafone		Revision of S2-165914. Approved	Approved

[3 Entries.](#)

Annex H List of meeting participants and voting list**H.1 List of attendees**

Name	Represented Company	Moibile	Fixed Tel	3GPP Status	Country
Mr. Saad Ahmad	INTERDIGITAL COMMUNICATIONS		+15149044588	3GPPMEMBER - ATIS	US
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Mr. Irfan Ali	NTT DOCOMO INC.	+905333986619		3GPPMEMBER - TTC	JP
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Dr. Florin Baboescu	BROADCOM CORPORATION	+1 408-203-6812	+1 858 521 4821	3GPPMEMBER - ETSI	US
Mr. Youngkyo Baek	SAMSUNG ELECTRONICS NORDIC AB		+81-2-6147-3271	3GPPMEMBER - ETSI	SE
Mr. Uri Baniel	ORACLE CORPORATION	+18477077340	+18477077340	3GPPMEMBER - ETSI	US
Dr. Farooq Bari	AT&T		+1 425 580 5526	3GPPMEMBER - ATIS	US
Dr. Stephen Barrett	BLACKBERRY UK LIMITED		+44 1753 667499	3GPPMEMBER - ETSI	GB
Mr. Rajesh Bhalla	ZTE CORPORATION		+1 (630) 452 1420	3GPPMEMBER - ETSI	CN
Miss Jayshree Bharatia	TIANJIN SAMSUNG TELECOM		+19727617618	3GPPMEMBER - CCSA	CN
Mr. Randy Bloomfield	U.S. DEPARTMENT OF COMMERCE	+17202011921	+13034975489	3GPPMEMBER - ATIS	US
Mr. Michael Brown	AFFIRMED NETWORKS INC.		(469) 461-3106	3GPPGUEST - OTHER	US
Mr. Alessio Casati	ALCATEL-LUCENT TELECOM LTD	+44 7881 811223		3GPPMEMBER - ETSI	GB
Ms. Devaki Chandramouli	NOKIA SOLUTIONS & NETWORKS (I)		+14692360416	3GPPMEMBER - TSDSI	IN
Mr. Chienhsiang Chen	CHTTL	+886910377744		3GPPMEMBER - ETSI	TW
Mr. Ying-yu Chen	ITRI	+886928168666		3GPPMEMBER - ETSI	TW
Mr. Hong Cheng	QUALCOMM EUROPE INC.(FRANCE)		+1-9084438050	3GPPMEMBER - ETSI	FR
Dr. Zhimi Cheng	DATANG SEMICONDUCTOR CO., LTD			3GPPMEMBER - CCSA	CN
Dr. Young-il Choi	ETRI		+	3GPPMEMBER - TTA	KR
Dr. Weng Chooi	BT GROUP PLC	+447399516927	+447399516927	3GPPMEMBER - ETSI	GB
Mr. Ching-Chun Chou	NATIONAL TAIWAN UNIVERSITY		+	3GPPMEMBER - ETSI	TW
Mr. Shahzoob Bilal Chundrigar	ITRI		+88635915301	3GPPMEMBER - ETSI	TW
Dr. Ngoc Dung Đào	HUAWEI TECHNOLOGIES CO. LTD.		+1-613-287 1936	3GPPMEMBER - ETSI	CN
Mr. Qiang Deng	NEUL LIMITED		+	3GPPMEMBER - ETSI	GB
Mr. Toni Dimitrovski	KPN N.V.		+	3GPPMEMBER - ETSI	NL
Mr. Steve Donovan	ORACLE CORPORATION	+19723650074	+19722565413	3GPPMEMBER - ETSI	US
Mr. Nicolas Drevon	ALCATEL-LUCENT BELL NV	+33 6 08452649	+33 1 40600916	3GPPMEMBER - ETSI	BE
Dr. Stanislav Filin	NICT		+81 42 327 7429	3GPPMEMBER - ARIB	JP
Mr. George Foti	ERICSSON FRANCE S.A.S		+15144978056	3GPPMEMBER - ETSI	FR
Mr. Takeaki Fukumoto	KDDI CORPORATION		+	3GPPMEMBER - ARIB	JP
Mr. Dieter Gludovacz	TELEKOM DEUTSCHLAND GMBH	+4367682005728	+43 795 85 5728	3GPPMEMBER - ETSI	DE
Mr. Jeffrey Gray	OTD		+15403612471	3GPPMEMBER - ETSI	US
Mr. Miguel Griot	QUALCOMM TECH. NETHERLANDS B.V	+18587509292	+18586585916	3GPPMEMBER - ETSI	NL
Mr. Roland Gustafsson	ERICSSON LM		+46107120592	3GPPMEMBER - ETSI	SE
Mr. Patrice Hédé	HUAWEI TECH.(UK) CO., LTD	+33 6 63 60 29 85		3GPPMEMBER - ETSI	GB
Mr. Peter Hedman	ERICSSON JAPAN K.K.		+46 10 7154339	3GPPMEMBER - ARIB	JP
Mr. Hannu Hietalahti	NOKIA CORPORATION	+358 40 5021 724	+358 40 5021 724	3GPPMEMBER - ETSI	FI
Miss Yunjing Hou	DATANG TELECOM INTERNATIONAL		+86-10-62305566-2183	3GPPMEMBER - CCSA	CN
Dr. Ching-tarng Hsieh	ITRI		+886 3 5917379	3GPPMEMBER - ETSI	TW

Name	Represented Company	Moibile	Fixed Tel	3GPP Status	Country
Mr. Yung Lin Hsu	NATIONAL TAIWAN UNIVERSITY		+886 2 3366 3627	3GPPMEMBER - ETSI	TW
Dr. J.j. Huang-fu	MEDIATEK INC.		+886-3-5670766#24986	3GPPMEMBER - ETSI	TW
Dr. David Huo	ZTE CORPORATION	+1-973-896-2116	+1-973-997-5143	3GPPMEMBER - ETSI	CN
Mr. Syed Husain	DOCOMO COMMUNICATIONS LAB.	+1.630.400.9302	+81.90.5445.8942	3GPPMEMBER - ETSI	DE
Mr. Iskren lanev	NEC CORPORATION	+447917070850	+442088362388	3GPPMEMBER - ETSI	JP
Mr. Puneet Jain	INTEL		+1-503-712-6214	3GPPMEMBER - ATIS	US
Mr. Yi Jiang	CHINA MOBILE COM. CORPORATION		+861066006688-5456	3GPPMEMBER - CCSA	CN
Mr. Christopher Joul	T-MOBILE USA INC.		+1-425-444-1159	3GPPMEMBER - ATIS	US
Mr. Ming Kao	ASIA PACIFIC TELECOM CO. LTD	+886922441449		3GPPMEMBER - ETSI	TW
Mr. Dongmyoung Kim	ETRI		+821062490227	3GPPMEMBER - TTA	KR
Dr. Hyunsook Kim	LG ELECTRONICS INC.		+82-2-6912-6578	3GPPMEMBER - TTA	KR
Dr. Laeyoung Kim	LG ELECTRONICS FRANCE		+821048100298	3GPPMEMBER - ETSI	FR
Mr. Sunghoon Kim	SAMSUNG ELECTRONICS POLSKA	+82-10-5126-5358		3GPPMEMBER - ETSI	PL
Mr. Krisztian Kiss	APPLE ITALIA S.R.L.	+16503915969		3GPPMEMBER - ETSI	IT
Mr. Håkon eyde Kjuus	TELENOR ASA		+4793652456	3GPPMEMBER - ETSI	NO
Ms. Yoshiko Koizumi	FUJITSU LIMITED		+81-44-874-2214	3GPPMEMBER - ARIB	JP
Mr. Frank Korinek	MOTOROLA SOLUTIONS GERMANY	+1 847 877-7179	+44 1256 790 790	3GPPMEMBER - ETSI	DE
Mr. Takashi Koshimizu	NTT DOCOMO INC.	+819033488742		3GPPMEMBER - ARIB	JP
Dr. Andreas Kunz	NEC INDIA PRIVATE LIMITED		+49/(0) 6221/9051141	3GPPMEMBER - TSDSI	IN
Dr. Chia-lin Lai	ITRI		+886-3-5914172	3GPPMEMBER - ETSI	TW
Dr. Hyungho Lee	SAMSUNG RESEARCH AMERICA		+	3GPPMEMBER - ATIS	US
Mr. Jicheol Lee	SAMSUNG ELECTRONICS CO., LTD		+82 31 279 3605	3GPPMEMBER - TTA	KR
Mr. Seungik Lee	ETRI		+82428601483	3GPPMEMBER - TTA	KR
Miss Yi-jing Lee	ITRI	+886934161836	+88635915698	3GPPMEMBER - ETSI	TW
Mr. Filipe Leitao	NEC TELECOM MODUS LTD.	+491629192175	+4962214342116	3GPPMEMBER - ETSI	GB
Ms. Huan Li	HUAWEI TELECOMMUNICATION INDIA			3GPPMEMBER - TSDSI	IN
Mr. Zhendong Li	NUBIA TECHNOLOGY CO.,LTD		+86 25 8801 4643	3GPPMEMBER - CCSA	CN
Dr. Ting-Jung Liang	ITRI		+886 3 5914617	3GPPMEMBER - ETSI	TW
Mr. Gerardo Libunao	VERIZON UK LTD	+19085815824	+19085597561	3GPPMEMBER - ETSI	GB
Mrs. Hanna Lim	TTA	+821051109954		3GPPORG REP - TTA	KR
Mr. Sunhwan Lim	ETRI	+82-10-4641-3237	+82-42-860-1226	3GPPMEMBER - TTA	KR
Mr. Jen-shang Lin	CHTTL			3GPPMEMBER - ETSI	TW
Mr. Kang-chiao LIN	ITRI		+	3GPPMEMBER - ETSI	TW
Mr. Chih-yuan Lo	III	+886973913539	+886266073785	3GPPMEMBER - ETSI	TW
Mr. Donald Lukacs	APPLIED COMMUNICATION SCIENCES		+17328988293	3GPPMEMBER - ATIS	US
Dr. Frank Mademann	HUAWEI TECHNOLOGIES CO., LTD	+49 172 6381644		3GPPMEMBER - CCSA	CN
Dr. Serge Manning	SPRINT CORPORATION		+1-325-603-0560	3GPPMEMBER - ETSI	US
Mr. Atsushi Minokuchi	NTT DOCOMO INC.		+81 468 40 3333	3GPPMEMBER - TTC	JP
Dr. Sang-jun Moon	SAMSUNG ELECTRONICS CO., LTD		+82-31-279-3617	3GPPMEMBER - TTA	KR
Mr. Antoine Mouquet	ORANGE SPAIN	+33678009242	+33157395252	3GPPMEMBER - ETSI	ES
Mr. Homare Murakami	NICT		+81 46 847 5067	3GPPMEMBER - ARIB	JP
Mr. Leopold Murhammer	T-MOBILE AUSTRIA GMBH	+4367682005493	+43179585-5493	3GPPMEMBER - ETSI	AT
Mr. Karl-Heinz Nenner	DEUTSCHE TELEKOM AG	+49 171 54 28 270	+49 228 181 18037	3GPPMEMBER - ETSI	DE
Mr. Hui Ni	HUAWEI TECH.(UK) CO., LTD	+86 15910660719	+86 10 82882691	3GPPMEMBER - ETSI	GB
Mr. Lars Nord	SONY EUROPE LIMITED	+46725379950		3GPPMEMBER - ETSI	GB
Mr. Magnus Olsson	ERICSSON LM	+447880174007	+447880174007	3GPPMEMBER - ETSI	SE
Mr. Ulises Olvera	INTERDIGITAL ASIA LLC	+15144670438	+15149046282	3GPPMEMBER - TTA	KR
Mr. Guowei Ouyang	HUAWEI DEVICE CO., LTD		+13811368996	3GPPMEMBER - CCSA	CN

Name	Represented Company	Moibile	Fixed Tel	3GPP Status	Country
Mr. Lider Pan	ASUSTEK COMPUTER (SHANGHAI)		+886-2-28943447x4256	3GPPMEMBER - CCSA	CN
Dr. Jungshin Park	SAMSUNG ELECTRONICS CO., LTD.	+821095303658	+	3GPPMEMBER - ARIB	JP
Mr. Sang Min Park	LG ELECTRONICS FRANCE	+821033794970		3GPPMEMBER - ETSI	FR
Mr. Christophe PETIT	ORANGE UK		+33 1 57 39 78 93	3GPPMEMBER - ETSI	GB
Mr. Maurice Pope	ETSI	+33 (0)6 07 59 08 49	+33 4 92 94 42 59	3GPPORG - REP - ETSI	FR
Mr. Chris Pudney	VODAFONE TELEKOMÜNİKASYON A.S.	+44 7748 111 999		3GPPMEMBER - ETSI	TR
Ms. Xiaoyu Qiao	CHINA TELECOMMUNICATIONS		+86-10-50902511	3GPPMEMBER - ETSI	CN
Mr. Manuel Rebellon	SANDVINE INCORPORATED	+1 226 929 6346	+1 226 929 6346	3GPPMEMBER - ETSI	CA
Dr. Stefan Rommer	NANJING ERICSSON PANDA COM LTD		+46 10 7120729	3GPPMEMBER - CCSA	CN
Mr. Hans Ronneke	NANJING ERICSSON PANDA COM LTD	+46 706 764381	+46 10 712 0293	3GPPMEMBER - CCSA	CN
Ms. Jinsook Ryu	LG ELECTRONICS INC.	+821083389664		3GPPMEMBER - TTA	KR
Mr. Takuro Sakai	KDDI CORPORATION		+818090488411	3GPPMEMBER - TTC	JP
Dr. Apostolis Salkintzis	MOTOROLA MOBILITY UK LTD.	+30 6946 656423	+30 210 6561137	3GPPMEMBER - ETSI	GB
Mr. Malla Reddy Sama	DOCOMO COMMUNICATIONS LAB.		+49-89-56824-246	3GPPMEMBER - ETSI	DE
Mr. Paul Schliwa-Bertling	ERICSSON GMBH, EUROLAB		+4613322687	3GPPMEMBER - ETSI	DE
Mr. Mirko Schramm	HUAWEI TECHNOLOGIES SWEDEN AB	+49 1622998437	+49 30 92355216	3GPPMEMBER - ETSI	SE
Mr. Guillaume Sebire	MEDIATEK BEIJING INC.	+358 5048 37388	+358 5048 37388	3GPPMEMBER - CCSA	CN
Mr. Changhong Shan	INTEL CHINA LTD.	+86 18916758880	+44 1926 314811	3GPPMEMBER - CCSA	CN
Ms. Yang Shen	NOKIA SOLUTIONS & NETWORKS (S)	+8613910583662	+8613910583662	3GPPMEMBER - CCSA	CN
Mrs. Shufeng Shi	HUAWEI TECHNOLOGIES CO., LTD	+8613571984613	+862981775094	3GPPMEMBER - CCSA	CN
Dr. MyungKi Shin	ETRI		+82-42-860-4847	3GPPMEMBER - TTA	KR
Mr. Shubhranshu Singh	ITRI		+88635915638	3GPPMEMBER - ETSI	TW
Ms. Tricci So	ZTE WISTRON TELECOM AB	+18582286333		3GPPMEMBER - ETSI	SE
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Dr. Sebastian Speicher	CISCO SYSTEMS FRANCE	+41799618726	+41448789855	3GPPMEMBER - ETSI	FR
Mr. Marco Spini	HUAWEI TECHNOLOGIES FRANCE	+33687359128		3GPPMEMBER - ETSI	FR
Mr. Michael Starsinic	CONVIDA WIRELESS LLC		+011-610-878-5655	3GPPMEMBER - ETSI	US
Mr. Faccin Stefano	QUALCOMM EUROPE INC.(ITALY)	+15105082185		3GPPMEMBER - ETSI	IT
Mr. Saso Stojanovski	INTEL MOBILE FRANCE		+ 33 6 62 66 19 98	3GPPMEMBER - ETSI	FR
Mr. Chih-Wei Su	III		+886 2 6607 3752	3GPPMEMBER - ETSI	TW
Miss Shabnam Sultana	ERICSSON INC.		+15143457900	3GPPMEMBER - ATIS	US
Mr. Tao Sun	CHINA MOBILE INTERNATIONAL LTD		+8615801696688-5549	3GPPMEMBER - CCSA	CN
Mr. Tomohiko Takahashi	ITOCHU TECHNO-SOLUTIONS CORP	+81-90-9300-3556	+81-3-6757-2211	3GPPMEMBER - TTC	JP
Dr. Samer Talat	ITRI	+886928411201	+88635917915	3GPPMEMBER - ETSI	TW
Mr. Toshiyuki Tamura	NEC CORPORATION		+81 44 455 8496	3GPPMEMBER - TTC	JP
Mr. Shiyong Tan	HUAWEI TECH.(UK) CO., LTD		+861060611947	3GPPMEMBER - ETSI	GB
Mr. Laurent Thiebaut	RADIO FREQUENCY SYSTEMS GMBH	+33626317156	+33626317156	3GPPMEMBER - ETSI	DE
Mr. Kundan Tiwari	HTC CORPORATION		+0930579745	3GPPMEMBER - CCSA	CN
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Miss Thouraya Toukabri	ORANGE		+33157399131	3GPPMEMBER - ETSI	FR
Dr. Riccardo Trivisonno	HUAWEI TECH. GMBH		+491734636043	3GPPMEMBER - ETSI	DE
Miss Yolanda Tsang	ASTRI	+85290516636		3GPPMEMBER - ETSI	HK
Dr. Takeshi Usui	KDDI CORPORATION	+81-080-5026-4246		3GPPMEMBER - ARIB	JP
Mr. Genadi Velez	NEC EUROPE LTD		+49.6221.4342238	3GPPMEMBER - ETSI	GB
Ms. Sophie Vrzic	HUAWEI TECH.(UK) CO., LTD		+1-613-595-1900	3GPPMEMBER - ETSI	GB
Miss Dan Wang	CHINA MOBILE M2M COMPANY LTD.		+8518811460890	3GPPMEMBER - CCSA	CN
Mr. Hucheng Wang	DATANG MOBILE COM. EQUIPMENT		+8610623055662181	3GPPMEMBER - CCSA	CN
Mr. Mahmoud Watfa	INTERDIGITAL COMMUNICATIONS		+1 514 904 6295	3GPPMEMBER - ETSI	US

Name	Represented Company	Moibile	Fixed Tel	3GPP Status	Country
Mr. Steven Wenham	NEUL LIMITED	+44 7771 336 569		3GPPMEMBER - ETSI	GB
Dr. Sung Hwan Won	NOKIA SOLUTION&NETWORKS KOREA	+82 10 4712 2891		3GPPMEMBER - TTA	KR
Mr. Curt Wong	NOKIA NETWORKS JAPAN	+1 469 269 4162	+1 469 269 4162	3GPPMEMBER - ARIB	JP
Mr. Xiaobo Wu	HUAWEI TECHNOLOGIES FRANCE		+8621-68644808-50610	3GPPMEMBER - ETSI	FR
Mr. Peirong Xie	CHINA TELECOMMUNICATIONS		+86013302320169	3GPPMEMBER - ETSI	CN
Mr. Chunshan Xiong	HUAWEI TECHNOLOGIES SWEDEN AB	+86-13911370752	+86-10-82836926	3GPPMEMBER - ETSI	SE
Dr. Jen-shun Yang	ITRI		+88635914616	3GPPMEMBER - ETSI	TW
Mr. Jiang Yong	CATT		+	3GPPMEMBER - CCSA	CN
Mr. Myungjune Youn	LG ELECTRONICS INC.			3GPPMEMBER - TTA	KR
Miss Juan Zhang	CATT		+86 10 62305566 2178	3GPPMEMBER - ETSI	CN
Mr. Wanqiang Zhang	HUAWEI TECHNOLOGIES JAPAN K.K.		+861060613232	3GPPMEMBER - ARIB	JP
Mr. Runze Zhou	HISILICON TECHNOLOGIES CO. LTD	+8613601812159	+8602138902953	3GPPMEMBER - CCSA	CN
Mr. Chunhui Zhu	ALIBABA (CHINA) GROUP., LTD.		+8615996491948	3GPPMEMBER - CCSA	CN
Mr. Fengqin Zhu	HUAWEI TECHNOLOGIES CO. LTD.		+86-755-28788328	3GPPMEMBER - ETSI	CN
Mr. Hao Zhu	CATR			3GPPMEMBER - CCSA	CN
Mr. Jinguo Zhu	ZTE MICROELECTRONICS TECH. CO.		+86 25 2870106	3GPPMEMBER - CCSA	CN
Mrs. Wenruo Zhu	HUAWEI TECHNOLOGIES CO., LTD	+86 13916666788	+86 21 38902812	3GPPMEMBER - CCSA	CN
Mr. Yinjun Zhu	COMTECH TELECOMMUNICATIONS COR		+1 206 792 2892	3GPPMEMBER - ATIS	US
Mr. Haris Zisimopoulos	QUALCOMM INCORPORATED	+447919994709	+441252363134	3GPPMEMBER - ATIS	US

157 Attendees.

H.2 Next meeting Voting list

The attached list is dependent upon the information in H.1 and Individual Member companies who are recorded as attending SA WG2 Meetings #116BIS or #116 (representation of an Individual Member at any of SA WG2 Meetings #116, #116BIS or #117).

Voting list for 3GPP TSG SA WG2 (Technical Specification Group - Services and System Aspects - Architecture) List Created on: 24 October 2016		
This report shows the 3GPP Member Companies on the Voting List after SA WG2 Meeting #117 Inclusion on the list is obtained by attending a meeting of SA WG2 A company is removed from this list if it is not represented at any of the 3 previous meetings of this group. If you believe your company should be included in this list, please provide supporting information to MCC, the 3GPP Support Team at: 3gppcontact@etsi.org		

Company	3GPP Status	Country
Alcatel-Lucent Bell NV	3GPPMEMBER - ETSI	BE
Alcatel-Lucent Deutschland AG	3GPPMEMBER - ETSI	DE
Alcatel-Lucent International	3GPPMEMBER - ETSI	FR
Alcatel-Lucent Shanghai Bell Co., Ltd	3GPPMEMBER - CCSA	CN
Alcatel-Lucent Telecom Limited	3GPPMEMBER - ETSI	GB
Alibaba (China) Group., Ltd.	3GPPMEMBER - CCSA	CN
Allot Communications Ltd.	3GPPMEMBER - ETSI	IL
Apple Italia S.R.L.	3GPPMEMBER - ETSI	IT
Apple Portugal	3GPPMEMBER - ETSI	PT
Apple Switzerland AG	3GPPMEMBER - ETSI	CH
Applied Communication Sciences	3GPPMEMBER - ATIS	US
Asia Pacific Telecom co. Ltd	3GPPMEMBER - ETSI	TW
ASUSTEK COMPUTER (SHANGHAI) CO. LTD.	3GPPMEMBER - CCSA	CN
AT&T	3GPPMEMBER - ATIS	US
AT&T Global Network Services Belgium SPRL	3GPPMEMBER - ETSI	BE
BEIJING SAMSUNG TELECOM R&D CENTER	3GPPMEMBER - CCSA	CN
BlackBerry Japan Limited	3GPPMEMBER - ARIB	JP
BlackBerry UK Limited	3GPPMEMBER - ETSI	GB
BRITISH BROADCASTING CORPORATION	3GPPMEMBER - ETSI	GB
BROADCOM CORPORATION	3GPPMEMBER - ETSI	US

Company	3GPP Status	Country
BT Group Plc	3GPPMEMBER - ETSI	GB
CATR	3GPPMEMBER - CCSA	CN
China Academy of Telecommunication Technology (Datang Telecom Technology and Industry Group)	3GPPMEMBER - CCSA	CN
China Academy of Telecommunications Technology (CATT)	3GPPMEMBER - ETSI	CN
China Mobile Communications Corporation (CMCC)	3GPPMEMBER - CCSA	CN
China Mobile E-Commerce Co.	3GPPMEMBER - CCSA	CN
China Mobile International Limited	3GPPMEMBER - CCSA	CN
China Mobile M2M Company Ltd.	3GPPMEMBER - CCSA	CN
China Telecommunications Corporation	3GPPMEMBER - ETSI	CN
Chunghwa Telecommunication Laboratories, Chunghwa Telecommunication Co.	3GPPMEMBER - ETSI	TW
Cisco Systems	3GPPMEMBER - ATIS	US
Cisco Systems Belgium	3GPPMEMBER - ETSI	BE
Cisco Systems France	3GPPMEMBER - ETSI	FR
Comtech Telecommunications Corp	3GPPMEMBER - ATIS	US
Convida Wireless LLC	3GPPMEMBER - ETSI	US
Datang Linktester Technology Co., Ltd.	3GPPMEMBER - CCSA	CN
Datang Mobile Communications Equipment Co., Ltd	3GPPMEMBER - CCSA	CN
DATANG SEMICONDUCTOR CO., LTD	3GPPMEMBER - CCSA	CN
DATANG TELECOM INTERNATIONAL TECHNOLOGY CO., LTD	3GPPMEMBER - CCSA	CN
Deutsche Telekom AG	3GPPMEMBER - ETSI	DE
DOCOMO Communications Laboratories Europe GmbH	3GPPMEMBER - ETSI	DE
EBU - European Broadcasting Union	3GPPMEMBER - ETSI	CH
Ericsson France S.A.S	3GPPMEMBER - ETSI	FR
Ericsson GmbH, Eurolab - Unternehmensbereich Forschung und Entwicklung	3GPPMEMBER - ETSI	DE
Ericsson Incorporated	3GPPMEMBER - ATIS	US
Ericsson India Private Limited	3GPPMEMBER - TSDSI	IN
Ericsson Japan K.K.	3GPPMEMBER - ARIB	JP
Ericsson Limited	3GPPMEMBER - ETSI	GB

Company	3GPP Status	Country
Ericsson Telefonaktiebolaget LM	3GPPMEMBER - ETSI	SE
Ericsson-LG Co., LTD	3GPPMEMBER - TTA	KR
ETRI	3GPPMEMBER - TTA	KR
France Telecom España S.A.U.	3GPPMEMBER - ETSI	ES
FUJITSU Laboratories of Europe Limited	3GPPMEMBER - ETSI	GB
Fujitsu Limited	3GPPMEMBER - ARIB	JP
Fujitsu Limited	3GPPMEMBER - ETSI	JP
Fujitsu Limited	3GPPMEMBER - TTC	JP
Gemalto N.V.	3GPPMEMBER - ETSI	NL
General Dynamics UK Limited	3GPPMEMBER - ETSI	GB
GOHIGH DATA NETWORKS TECHNOLOGY CO., LTD	3GPPMEMBER - CCSA	CN
HiSilicon Technologies Co.Ltd	3GPPMEMBER - CCSA	CN
Hitachi Europe Ltd.	3GPPMEMBER - ETSI	GB
Hitachi Ltd	3GPPMEMBER - ARIB	JP
Hong Kong Applied Science & Technology Research Institute	3GPPMEMBER - ETSI	HK
HTC Corporation	3GPPMEMBER - CCSA	CN
Huawei Device Co., Ltd	3GPPMEMBER - CCSA	CN
Huawei Technologies (UK) Co., Ltd.	3GPPMEMBER - ETSI	GB
HUAWEI TECHNOLOGIES Co. Ltd.	3GPPMEMBER - ETSI	CN
HuaWei Technologies Co., Ltd	3GPPMEMBER - CCSA	CN
HUAWEI TECHNOLOGIES Duesseldorf GmbH	3GPPMEMBER - ETSI	DE
Huawei Technologies France	3GPPMEMBER - ETSI	FR
HUAWEI Technologies Japan K.K.	3GPPMEMBER - ARIB	JP
Huawei Technologies Sweden AB	3GPPMEMBER - ETSI	SE
Huawei Telecommunication (India) Co. Pvt. Ltd.	3GPPMEMBER - TSDSI	IN
Industrial Technology Research Institute	3GPPMEMBER - ETSI	TW
Institute for Information Industry	3GPPMEMBER - ETSI	TW
Intel	3GPPMEMBER - ATIS	US
Intel China Ltd.	3GPPMEMBER - CCSA	CN

Company	3GPP Status	Country
Intel Corporation (UK) Ltd	3GPPMEMBER - ETSI	GB
Intel Mobile Communications France SAS	3GPPMEMBER - ETSI	FR
Interdigital Asia LLC	3GPPMEMBER - TTA	KR
InterDigital Communications Corporation	3GPPMEMBER - ATIS	US
INTERDIGITAL COMMUNICATIONS CORPORATION	3GPPMEMBER - ETSI	US
ITOCHU Techno-Solutions Corporation	3GPPMEMBER - TTC	JP
KDDI Corporation	3GPPMEMBER - ARIB	JP
KDDI Corporation	3GPPMEMBER - TTC	JP
Koninklijke KPN N.V.	3GPPMEMBER - ETSI	NL
LG Electronics France	3GPPMEMBER - ETSI	FR
LG Electronics Inc.	3GPPMEMBER - TTA	KR
MediaTek Beijing Inc.	3GPPMEMBER - CCSA	CN
MediaTek Incorporated	3GPPMEMBER - ETSI	TW
Morpho Cards GmbH	3GPPMEMBER - ETSI	DE
Motorola Mobility France S.A.S	3GPPMEMBER - ETSI	FR
Motorola Mobility UK Ltd.	3GPPMEMBER - ETSI	GB
Motorola Solutions Danmark A/S	3GPPMEMBER - ETSI	DK
Motorola Solutions Germany GmbH	3GPPMEMBER - ETSI	DE
Motorola Solutions UK Ltd.	3GPPMEMBER - ETSI	GB
NANJING ERICSSON PANDA COMMUNICATIONS LTD	3GPPMEMBER - CCSA	CN
National Institute of Information and Communications Technology	3GPPMEMBER - ARIB	JP
National Taiwan University	3GPPMEMBER - ETSI	TW
NEC Corporation	3GPPMEMBER - ARIB	JP
NEC Corporation	3GPPMEMBER - ETSI	JP
NEC Corporation	3GPPMEMBER - TTC	JP
NEC EUROPE LTD	3GPPMEMBER - ETSI	GB
NEC India Private Limited	3GPPMEMBER - TSDSI	IN
NEC Telecom MODUS Ltd.	3GPPMEMBER - ETSI	GB
Neul Limited	3GPPMEMBER - ETSI	GB

Company	3GPP Status	Country
Nokia	3GPPMEMBER - ATIS	US
Nokia Corporation	3GPPMEMBER - ETSI	FI
Nokia Networks Japan	3GPPMEMBER - ARIB	JP
Nokia Solution and Networks Korea	3GPPMEMBER - TTA	KR
Nokia Solutions and Networks (shanghai) Ltd.	3GPPMEMBER - CCSA	CN
Nokia Solutions and Networks GmbH & Co. KG	3GPPMEMBER - ETSI	DE
Nokia Solutions and Networks India Pvt. Ltd.	3GPPMEMBER - TSDSI	IN
Nokia Solutions and Networks Oy	3GPPMEMBER - ETSI	FI
Norwegian Communications Authority	3GPPMEMBER - ETSI	NO
NTT DOCOMO INC.	3GPPMEMBER - ARIB	JP
NTT DOCOMO INC.	3GPPMEMBER - TTC	JP
Nubia Technology Co.,Ltd	3GPPMEMBER - CCSA	CN
Openet Telecom	3GPPMEMBER - ETSI	IE
Operational Technology Division (OTD)	3GPPMEMBER - ETSI	US
Oracle Corporation	3GPPMEMBER - ETSI	US
ORANGE	3GPPMEMBER - ETSI	FR
Orange Brand Services Ltd	3GPPMEMBER - ETSI	GB
Orange Romania	3GPPMEMBER - ETSI	RO
Panasonic Corporation	3GPPMEMBER - ARIB	JP
QUALCOMM CDMA Technologies GmbH	3GPPMEMBER - ETSI	DE
Qualcomm Europe Inc. (Italy)	3GPPMEMBER - ETSI	IT
Qualcomm Europe Inc.(France)	3GPPMEMBER - ETSI	FR
Qualcomm Incorporated	3GPPMEMBER - ATIS	US
Qualcomm India Pvt Ltd	3GPPMEMBER - TSDSI	IN
Qualcomm Japan Inc	3GPPMEMBER - ARIB	JP
Qualcomm Technologies Netherlands B.V.	3GPPMEMBER - ETSI	NL
Radio Frequency Systems GmbH	3GPPMEMBER - ETSI	DE
Rogers Communications Canada Inc.	3GPPMEMBER - ETSI	CA
SAMSUNG Electronics Co., Ltd.	3GPPMEMBER - ARIB	JP

Company	3GPP Status	Country
Samsung Electronics GmbH	3GPPMEMBER - ETSI	DE
Samsung Electronics Ind. Co., Ltd.	3GPPMEMBER - TTA	KR
Samsung Electronics Nordic AB	3GPPMEMBER - ETSI	SE
Samsung Electronics Polska	3GPPMEMBER - ETSI	PL
Samsung R&D Institute UK	3GPPMEMBER - ETSI	GB
Samsung Research America	3GPPMEMBER - ATIS	US
Sandvine Incorporated	3GPPMEMBER - ETSI	CA
SES S.A.	3GPPMEMBER - ETSI	LU
SHARP Corporation	3GPPMEMBER - ARIB	JP
Sony Corporation	3GPPMEMBER - ARIB	JP
Sony Europe Limited	3GPPMEMBER - ETSI	GB
Sony Mobile Communications, Inc.	3GPPMEMBER - ARIB	JP
SPRINT Corporation	3GPPMEMBER - ETSI	US
TD Tech Ltd	3GPPMEMBER - CCSA	CN
TELECOM ITALIA S.p.A.	3GPPMEMBER - ETSI	IT
Telekom Deutschland GmbH	3GPPMEMBER - ETSI	DE
Telenor ASA	3GPPMEMBER - ETSI	NO
TeliaSonera AB	3GPPMEMBER - ETSI	SE
THALES	3GPPMEMBER - ETSI	FR
Tianjin Samsung Telecom Technology Co., Ltd	3GPPMEMBER - CCSA	CN
T-Mobile AUSTRIA GmbH	3GPPMEMBER - ETSI	AT
T-Mobile Polska Spolka Akcyjna	3GPPMEMBER - ETSI	PL
T-Mobile USA Inc.	3GPPMEMBER - ATIS	US
TNO	3GPPMEMBER - ETSI	NL
U.S. Department of Commerce	3GPPMEMBER - ATIS	US
Verizon UK Ltd	3GPPMEMBER - ETSI	GB
Vodafone GmbH	3GPPMEMBER - ETSI	DE
VODAFONE Group Plc	3GPPMEMBER - ETSI	GB
Vodafone Omnitel B.V.	3GPPMEMBER - ETSI	IT

Company	3GPP Status	Country
Vodafone Romania S.A.	3GPPMEMBER - ETSI	RO
Vodafone Telekomünikasyon A.S.	3GPPMEMBER - ETSI	TR
ZTE Corporation	3GPPMEMBER - CCSA	CN
ZTE Corporation	3GPPMEMBER - ETSI	CN
ZTE Microelectronics Technology Co., Ltd	3GPPMEMBER - CCSA	CN
ZTE Wistron Telecom AB	3GPPMEMBER - ETSI	SE

170 Voting Members.

APPENDIX 34



3GPP_TSG_SA_WG2 Archives

October 2016, Week 5



New in LISTSERV 17.0 x

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Topic: [[<< First](#)] [[< Prev](#)] [[Next >](#)] [[Last >>](#)]
Author: [[<< First](#)] [[< Prev](#)] [[Next >](#)] [[Last >>](#)]

Subject: [\[NextGen\] TR 23.799 v1.1.0](#)
From: Tao Sun <[\[log in to unmask\]](#)>
Reply To: Tao Sun <[\[log in to unmask\]](#)>
Date: Mon, 31 Oct 2016 22:51:40 +0800
Content-Type: multipart/alternative
Parts/Attachments: [text/plain](#) (1334 bytes) , [text/html](#) (5 kB)



Dear all,

Please get the TR 23.799 v1.1.0 from the link below. Thanks Maurice so much that he helped to do quite a number of style corrections.

Both clean and revision-marked:

ftp://ftp.3gpp.org/tsg_sa/WG2_Arch/Latest_SA2_Specs/Latest_draft_S2_Specs/23799-110.zip
http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/Latest_SA2_Specs/Latest_draft_S2_Specs/23799-110.zip

Revision marked only:

ftp://ftp.3gpp.org/tsg_sa/WG2_Arch/Latest_SA2_Specs/Latest_draft_S2_Specs/23799-110_rm.zip
http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/Latest_SA2_Specs/Latest_draft_S2_Specs/23799-110_rm.zip

Let me know if I missed something.

Best Regards,

Tao

BTW: the following P-CR are implemented:

TR updated with S2-165640, S2-166237, S2-166210, S2-166185, S2-166186, S2-166188, S2-166220, S2-166222, S2-166084, S2-166223, S2-166226, S2-166227, S2-166122, S2-166124, S2-166125, S2-166278, S2-166279, S2-166053, S2-166242, S2-166281, S2-166243, S2-166244, S2-166245, S2-166054, S2-166246, S2-166247, S2-

ATOM

RSS1

RSS2

APPENDIX 35



www.3gpp.org / [ftp](#) / [Specs](#) / [archive](#) / [23_series](#) / **23.799**

sort by name/desc	sort by date/desc	sort by size/desc
 23799-010.zip	2016/01/05 8:38	259,2 KB
 23799-011.zip	2016/01/05 8:38	73,1 KB
 23799-020.zip	2016/02/10 19:00	606,8 KB
 23799-030.zip	2016/03/14 9:28	2356,2 KB
 23799-040.zip	2016/04/27 8:58	5309,8 KB
 23799-050.zip	2016/06/08 19:23	12894,2 KB
 23799-060.zip	2016/07/22 17:28	22547,9 KB
 23799-070.zip	2016/08/05 9:22	19700 KB
 23799-080.zip	2016/09/13 13:08	29833,7 KB
 23799-100.zip	2016/09/22 17:22	14085,4 KB
 23799-101.zip	2016/09/28 17:02	28443,6 KB
 23799-102.zip	2016/09/30 9:11	28412,4 KB
 23799-110.zip	2016/10/31 15:03	27685 KB
 23799-120.zip	2016/11/29 15:17	31632,6 KB
 23799-121.zip	2016/12/01 12:18	33712,4 KB
 23799-200.zip	2016/12/07 16:17	33674,8 KB
 23799-e00.zip	2016/12/16 16:05	16882,5 KB

17 items.

APPENDIX 36



3GPP_TSG_RAN_WG2 Archives

August 2017, Week 5

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Topic: [[<< First](#)] [[< Prev](#)] [[Next >](#)] [[Last >>](#)]

Author: [[<< First](#)] [[< Prev](#)] [[Next >](#)] [[Last >>](#)]

Subject: [Draft RAN2#99 meeting report \(v1\)](#)
From: Juha Korhonen <[\[log in to unmask\]](#)>
Reply To: Juha Korhonen <[\[log in to unmask\]](#)>
Date: Thu, 31 Aug 2017 15:40:39 +0000
Content-Type: multipart/mixed
Parts/Attachments: [text/plain](#) (198 bytes) , [text/html](#) (2264 bytes) ,
[Draft_RAN2#99_Meeting_Report_v1.zip](#) (905 kB)



Dear All,

I have attached the first draft version of RAN2#99 meeting report.
I have not yet done the cover sheet check of agreed CRs, so the details of these CRs may change.

Comments are welcome.

BR,
Juha

[ATOM](#)[RSS1](#)[RSS2](#)