	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2	R2-1801700	Agenda for RAN2#101	Chairman	Richard Burbidge	14160	agenda	Approval				2.1	Approval of the agenda	17000	approved
3	R2-1801701	RAN2#100 Meeting Report	MCC	Juha Korhonen	21609	report	Approval				2.2	Approval of the report of the previous meeting	17010	approved
4	R2-1801702	RAN2#AH-1801 Meeting Report	MCC	Juha Korhonen	21609	report	Approval				2.2	Approval of the report of the previous meeting	17020	approved
5	R2-1801703	Reply LS on EDT procedures and AS NAS interaction (C1-175072; contact: MediaTek)	CT1	Marko Niemi	16608	LS in	Action	=> Offline#401 (MediaTek)			9.14.1	Organisational	17490	available
6	R2-1801704	Reply LS on Early Data Transmission (C1-175310; contact: Qualcomm)	CT1	Lena Chaponniere	38080	LS in	Action				9.14.1	Organisational	30930	noted
7	R2-1801705	Reply LS on LTE call redirection to GERAN (C1-175377; contact: Nokia)	CT1	Jennifer Liu	43418	LS in	Action				3	INCOMING LIAISONS	17050	noted
8	R2-1801706	LS on Status of Specifications Covering Requirements for IoT Modules (C1-175380; contact: Ericsson)	CT1	Mikael Wass	40034	LS in	Information				7.2	WI: Narrowband IOT	17060	noted
9	R2-1801707	Reply LS on security aspects of supporting LTE connected to 5GC (C1-180485; contact: Huawei)	CT1	Lin Shu	43310	LS in	Action				9.7.1	Organisational	17070	noted
10	R2-1801708	Service types for QMC reporting (C1-180636; contact: Ericsson)	CT1	Atle Monrad	13818	LS in	Action				9.6	QoE Measurement Collection for streaming services in E-UTRAN	17080	noted
11	R2-1801709	Reply LS on EDT procedures and AS NAS interaction (C1-180638; contact: Qualcomm)	CT1	Osama Lotfallah	71227	LS in	Information				9.14.1	Organisational	34430	noted
12	R2-1801710	LS on encrypting broadcasted positioning data and LS on provisioning of positioning assistance data via LPPa for broadcast C1-180643; contact: Qualcomm)	CT1	Lena Chaponniere	38080	LS in	Information				9.8.1	Organisational	17440	noted
13	R2-1801711	LS on selectively disabling legacy radio access (C1-180711; contact: Qualcomm)	CT1	Lena Chaponniere	38080	LS in	Information				10.1	Organisational	17530	noted
14	R2-1801712	LS on HARQ-ACK feedback for eFeMTC (R1-1721254; contact: Qualcomm)	RAN1	Alberto Rico Alvarino	63913	LS in	Action				9.14.1	Organisational	17030	noted
15	R2-1801713	LS on problematic MCS-TBS configurations for PSSCH decoding (R1-1721299; contact: Huawei)	RAN1	Yi Shi	60150	LS in	Action				8.13	WI: LTE-based V2X Services	17130	noted
16	R2-1801714	LS on RRC parameters for high capacity stationary wireless link and introduction of 1024 QAM for LTE (R1-1721731; contact: Huawei)	RAN1	Yubo Yang	61945	LS in	Action				9.11.1	General	17140	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 001

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2	09-Feb-18	15-Feb-18															
3	09-Feb-18	14-Feb-18															
4	09-Feb-18	16-Feb-18															
5	09-Feb-18	10-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1712077	RAN2, RAN3, SA2		C1-175072	
6	09-Feb-18	10-Feb-18			Rel-15			LTE_eMTC4-Core, NB_IOTenh2-Core						SA2, RAN2	RAN3, SA3	C1-175310	
7	09-Feb-18	10-Feb-18			Rel-15			TEI15						SA3, RAN2	RAN3	C1-175377	
8	09-Feb-18	10-Feb-18			Rel-13			NB_IOT						GSMA TSGIoT Subgroup	SA3, RAN2, RAN5, CT	C1-175380	
9	09-Feb-18	10-Feb-18			Rel-15			LTE_5GCN_connect					R2-1714244	RAN2, RAN3	SA3	C1-180485	
10	09-Feb-18	10-Feb-18			Rel-15			EQoE_MTSI, UMTS_QMC_Streaming, LTE_QMC_Streaming, QOED						SA4, RAN2, RAN6	SA5	C1-180636	
11	09-Feb-18	10-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core						SA2	RAN2, RAN3	C1-180638	
12	09-Feb-18	10-Feb-18			Rel-15			LCS_LTE_acc_enh-Core						SA2	RAN3, RAN2, CT4, SA3	C1-180643	
13	09-Feb-18	10-Feb-18			Rel-16									SA1	SA3, SA2, RAN2, CT4	C1-180711	
14	09-Feb-18	14-Feb-18			Rel-15			LTE_eMTC4-Core						RAN2		R1-1721254	
15	09-Feb-18	10-Feb-18			Rel-14			LTE_V2X-Core						RAN2		R1-1721299	
16	09-Feb-18	10-Feb-18			Rel-15			LTE_1024QAM_DL						RAN2		R1-1721731	

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 002

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
17	R2-1801715	LS on OSI and paging PDCCH configuration (R1-1801189; contact: Samsung)	RAN1	Youngbum Kim	39963	LS in	Action				10.1	Organisational	17110	noted
18	R2-1801716	LS on power control for LTE-NR Dual Connectivity (R1-1801231; contact: Ericsson)	RAN1	Ravikiran Nory	72346	LS in	Action				10.1	Organisational	17340	noted
19	R2-1801717	LS response to RAN2 on MAC CEs for beam management and CSI (R1-1801272; contact: Huawei)	RAN1	Min Zhang	67804	LS in	Action				10.1	Organisational	17150	noted
20	R2-1801718	Agreements on Paging (R1-1801280; contact: Huawei)	RAN1	Huang Huang	71783	LS in	Action				10.1	Organisational	17350	noted
21	R2-1801719	LS on correction to RRC parameters for NR (R1-1801281; contact: Ericsson and MediaTek)	RAN1	Daniel Larsson	39861	LS in	Action				10.1	Organisational	17160	noted
22	R2-1801720	LS on NR UE feature list (R1-1801290; contact: NTT DOCOMO and AT&T)	RAN1	Kazuaki Takeda	43136	LS in	Action				10.1	Organisational	17170	noted
23	R2-1801721	Response LS on LTE call redirection to GERAN (R3-175030; contact: Nokia)	RAN3	Philippe Godin	68843	LS in	Information				3	INCOMING LIAISONS	37740	noted
24	R2-1801722	Reply LS on Paging failures for CE Capable UEs (R3-175045; contact: Qualcomm)	RAN3	Luis Lopes	47178	LS in	Action				7.1	WI: Further LTE Physical Layer Enhancements for MTC	17220	noted
25	R2-1801723	LS on Paging in case of Enhanced Coverage Restriction (R3-175078; contact: Nokia)	RAN3	Hakon Helmers	69127	LS in	Information				8.12	WI: Further Enhanced MTC for LTE	22360	noted
26	R2-1801724	LS on security for CU-CP/UP separation (R3-180630; contact: Ericsson)	RAN3	Matteo Fiorani	70506	LS in	Information				10.1	Organisational	17550	noted
27	R2-1801725	Reply to LS on handling concurrent running of security procedures (R3-180632; contact: Ericsson)	RAN3	Alexander Vesely	10078	LS in	Information				10.1	Organisational	17560	noted
28	R2-1801726	LS on Extending TAC for NR and NG-RAN (R3-180634; contact: Ericsson)	RAN3	Martin Israelsson	2462	LS in	Action	=> Offline#07 (vivo)			10.1	Organisational	17180	noted
29	R2-1801727	LS response to System acquisition time reduction for Rel-15 LTE MTC (R4-1713855; contact: Ericsson)	RAN4	Kazuyoshi Uesaka	46968	LS in	Action				9.14.1	Organisational	17040	noted
30	R2-1801728	LS on the addition of PC2 for uplink CA_41C (R4-1714017; contact: Sprint)	RAN4	Bill Shvodian	74082	LS in	Action				3	INCOMING LIAISONS	17210	noted
31	R2-1801729	LS reply on resource selection for Mode-4 sidelink CA (R4-1714180; contact: Huawei)	RAN4	Ye Liu	57639	LS in	Information				9.10.1	General	17290	noted
32	R2-1801730	LS on Measurement requirement for LAA/WiFi hardware sharing problem (R4-1714276; contact: Qualcomm)	RAN4	Taemin Kim	70440	LS in	Action				3	INCOMING LIAISONS	17280	noted
33	R2-1801731	Reply LS on PHR mapping table for FR1 and FR2 (R4-1801078; contact: Huawei)	RAN4	Qiming Li	61879	LS in	Action				10.1	Organisational	17200	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 003

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
17	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R1-1801189	
18	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN4, RAN2		R1-1801231	
19	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R1-1801272	
20	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R1-1801280	
21	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R1-1801281	
22	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2, RAN4	RAN3	R1-1801290	
23	09-Feb-18	10-Feb-18			Rel-14			TEI14					R2-1714121	SA3	CT1, RAN2	R3-175030	
24	09-Feb-18	10-Feb-18			Rel-13			TEI13						SA2, RAN2		R3-175045	
25	09-Feb-18	10-Feb-18			Rel-14			TEI14, NB_IOTenh-Core, CIoT_Ext						SA2	RAN2	R3-175078	
26	09-Feb-18	10-Feb-18			Rel-15			NR_CPUP_Split						SA3	RAN2	R3-180630	
27	09-Feb-18	10-Feb-18			Rel-15			5GS_Ph1					R3-180006	SA3	RAN2	R3-180632	
28	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2, SA2		R3-180634	
29	09-Feb-18	10-Feb-18			Rel-15			LTE_eMTC4-Core						RAN1, RAN2		R4-1713855	
30	09-Feb-18	10-Feb-18			Rel-15			LTE_CA_C_B41_PC2						RAN2		R4-1714017	
31	09-Feb-18	10-Feb-18			Rel-15			LTE_eV2X-Core						RAN1	RAN2	R4-1714180	
32	09-Feb-18	10-Feb-18			Rel-13			TEI13						RAN2		R4-1714276	
33	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R4-1801078	

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 004

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
34	R2-1801732	LS on measurement gap patterns (R4-1801079; contact: Huawei)	RAN4	Jing Han	47284	LS in	Action				10.1	Organisational	17240	noted
35	R2-1801733	Reply LS on LTE measurement gap patterns for SSTD measurement (R4-1801080; contact: Huawei)	RAN4	Jing Han	47284	LS in	Action				10.1	Organisational	17250	noted
36	R2-1801734	LS for intra-frequency measurement on NR SCell (R4-1801307; contact: NTT DOCOMO)	RAN4	Hiroki Harada	47533	LS in	Action				10.1	Organisational	17260	noted
37	R2-1801735	LS reply on required information for NSA on X2 (R4-1801327; contact: Nokia)	RAN4	Hisashi Onozawa	70298	LS in	Information				10.1	Organisational	17700	noted
38	R2-1801736	LS on the number of data bearers (RP-172836; contact: Samsung)	RAN	Alexander Sayenko	47308	LS in	Information				3	INCOMING LIAISONS	37750	noted
39	R2-1801737	LS on CP latency reduction (RP-172840; contact: Ericsson)	RAN	Riikka Susitaival	44957	LS in	Action				3	INCOMING LIAISONS	17300	noted
40	R2-1801738	LS on Removal of 'over LTE' limitation from Mission Critical Specifications (S1- 174542; contact: Dutch Police)	SA1	Kees Verweij	12756	LS in	Action				3	INCOMING LIAISONS	17360	noted
41	R2-1801739	Reply LS on Restricted Use of Enhanced Coverage (S2-179612; contact: Nokia)	SA2	Hannu Hietalahti	69922	LS in	Information				8.12	WI: Further Enhanced MTC for LTE	22380	noted
42	R2-1801740	Reply LS on FEC and ROHC for mission critical services over MBMS (S2-179613; contact: Nokia)	SA2	Hannu Hietalahti	69922	LS in	Action	=> Offline#01 (Nokia)			3	INCOMING LIAISONS	17370	available
43	R2-1801741	Reply LS on EDT procedures and AS NAS interaction (S2-179614; contact: Qualcomm)	SA2	Haris Zisimopoulos	57197	LS in	Action				9.14.1	Organisational	33030	noted
44	R2-1801742	Reply LS on UE differentiation for Rel-15 NB-IoT (S2-179615; contact: Huawei)	SA2	Dario Serafino Tonesi	43468	LS in	Action				9.13.1	Organisational	17420	noted
45	R2-1801743	Reply LS on UE differentiation for NB-IoT (S2-179616; contact: Huawei)	SA2	Dario Serafino Tonesi	43468	LS in	Action				9.13.1	Organisational	17430	noted
46	R2-1801744	Response to LS on encrypting broadcasted positioning data and LS on provisioning of positioning assistance data via LPPa for broadcast (S2-179617; contact: Qualcomm)	SA2	Haris Zisimopoulos	57197	LS in	Action				9.8.1	Organisational	17500	noted
47	R2-1801745	Reply LS to CN node selection for LTE features when E-UTRA is connected to 5G CN (S2-179618; contact: Nokia)	SA2	Devaki Chandramouli	68275	LS in	Action				9.7.1	Organisational	17450	noted
48	R2-1801746	Reply LS on Paging in case of Enhanced Coverage Restriction (S2-181236; contact: Nokia)	SA2	Hannu Hietalahti	69922	LS in	Information				8.12	WI: Further Enhanced MTC for LTE	22370	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 005

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
34	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2	RAN1	R4-1801079	
35	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R4-1801080	
36	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R4-1801307	
37	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core						RAN3	RAN1, RAN2	R4-1801327	
38	09-Feb-18	10-Feb-18			Rel-15			TEI15						SA, CT	RAN2, RAN3, SA2, CT1, CT4	RP-172836	
39	09-Feb-18	10-Feb-18			Rel-15			TEI15					R2-1714186	RAN2, RAN1		RP-172840	
40	09-Feb-18	10-Feb-18			Rel-15			MCOver						SA2, SA3, SA4, SA5, SA6, CT1, CT3, CT4, CT6, RAN1, RAN2, RAN3, RAN4, RAN5, RAN6	SA, CT, RAN	S1- 174542	
41	09-Feb-18	10-Feb-18			Rel-14			CIoT_Ext						RAN6, CT1	RAN2	S2-179612	
42	09-Feb-18	10-Feb-18			Rel-15			MBMS_Mcservices						CT3, SA6, SA4, RAN2, RAN3		S2-179613	
43	09-Feb-18	10-Feb-18			Rel-15			LTE_eMTC4-Core, NB_IOTenh2-Core					R2-1712077	RAN2, CT1, RAN3		S2-179614	
44	09-Feb-18	10-Feb-18			Rel-15			NB_IOTenh2-Core					R2-1711895	RAN2	CT1, RAN3	S2-179615	
45	09-Feb-18	10-Feb-18			Rel-15			NB_IOTenh2-Core						RAN3, RAN2		S2-179616	
46	09-Feb-18	10-Feb-18			Rel-15			LCS_LTE_acc_enh-Core					R2-1712030, R2-1712031	RAN2, CT1, CT4, SA3	RAN3	S2-179617	
47	09-Feb-18	10-Feb-18			Rel-15			5GS_Ph1					R2-1706143	RAN2, CT1	RAN3	S2-179618	
48	09-Feb-18	10-Feb-18			Rel-14			TEI14, NB_IOTenh-Core, CIoT_Ext						RAN3	RAN2	S2-181236	

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 006

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
49	R2-1801747	Reply LS on details of network identifiers (S2-181262; contact: Qualcomm)	SA2	Sebastian Speicher	72922	LS in	Action				9.7.1	Organisational	17470	noted
50	R2-1801748	Reply LS on Reliability for eV2X (S2-181368; contact: OPPO)	SA2	Jianhua Liu	72698	LS in	Action				9.10.1	General	17480	noted
51	R2-1801749	Reply LS on Paging failures for CE Capable UEs (S2-181370; contact: Intel)	SA2	Puneet Jain	36283	LS in	Action				9.14.1	Organisational	17090	noted
52	R2-1801750	Reply LS on encrypting broadcasted positioning data (S3-173439; contact: Ericsson)	SA3	Pasi Saarinen	70201	LS in	Action				9.8.1	Organisational	26890	noted
53	R2-1801751	Reply LS on Early Data Transmission (S3-173472; contact: Ericsson)	SA3	Prajwol Kumar Nakarmi	76183	LS in	Action				9.14.1	Organisational	37320	noted
54	R2-1801752	LS on Security aspects of supporting LTE connected to 5GC (S3-180348; contact: Ericsson)	SA3	Vesa Torvinen	28179	LS in	Action				9.7.1	Organisational	17520	noted
55	R2-1801753	Reply LS on security during Resume reject in INACTIVE state in NR (S3- 180349; contact: Intel)	SA3	Puneet Jain	36283	LS in	Action				10.1	Organisational	17310	noted
56	R2-1801754	LS on Attributes for QoE measurement collection (S5-176409; contact: Ericsson)	SA5	Robert Petersen	14104	LS in	Action				9.6	QoE Measurement Collection for streaming services in E-UTRAN	17540	noted
57	R2-1801755	LS on measurement of user plane latency (S5-181576; contact: Huawei)	SA5	Puneet Jain	36283	LS in	Action				10.1	Organisational	17320	noted
58	R2-1801756	Reply LS to SA2 on default values for 5GS QoS averaging window (S6-180222; contact: Motorola Solutions)	SA6	Puneet Jain	36283	LS in	Information				10.1	Organisational	18890	noted
59	R2-1801757	UE behaviours for SCell RLF in CA duplication	OPPO	Shi Cong	69644	discussion	Agreement				10.3.2.3	Impact of PDCP duplication to RLC	29250	available
60	R2-1801758	UE behaviour on DRX timer operation	OPPO, APT, Qualcomm, Huawei, HiSilicon	Shi Cong	69644	discussion	Agreement				10.3.1.10	DRX	17580	withdrawn
61	R2-1801759	Duplication impacts on LCP	OPPO	Shi Cong	69644	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	35620	available
62	R2-1801760	SCell (de-)activation with duplication operation	OPPO	Shi Cong	69644	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	36720	available
63	R2-1801761	Prevent BWP switching for PDSCH/PUSCH transmission	OPPO, Qualcomm	Shi Cong	69644	discussion	Agreement				10.3.1.2	MAC general aspects	17610	noted
64	R2-1801762	Impact of duplication on RLC	OPPO	Shi Cong	69644	discussion	Agreement				10.3.2.3	Impact of PDCP duplication to RLC	29940	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 007

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
49	09-Feb-18	10-Feb-18			Rel-15			LTE_5GCN_connect, NR_newRAT-Core					R2-1712068	RAN2		S2-181262	
50	09-Feb-18	10-Feb-18			Rel-15			LTE_eV2X-Core					R2-1714187	RAN2	CT1	S2-181368	
51	09-Feb-18	10-Feb-18			Rel-15			TEI15						RAN3, RAN2		S2-181370	
52	09-Feb-18	10-Feb-18			Rel-15			LCS_LTE_acc_enh-Core					R2-1712031	RAN2	RAN3, SA2	S3-173439	
53	09-Feb-18	10-Feb-18			Rel-15			LTE_eMTC4-Core, NB_IOTenh2-Core					R2-1711978	RAN2	RAN3, SA2, CT1	S3-173472	
54	09-Feb-18	10-Feb-18			Rel-15			LTE_5GCN_connect-Core					R2-1714244	RAN2	CT1	S3-180348	
55	09-Feb-18	10-Feb-18			Rel-15			NR_newRAT-Core					R2-1712052	RAN2		S3-180349	
56	09-Feb-18	10-Feb-18			Rel-15			LTE_QMC_Streaming						SA4, RAN2, RAN3		S5-176409	
57	09-Feb-18	10-Feb-18			Rel-15			NETSLICE-ADPM5G						RAN2		S5-181576	
58	09-Feb-18	10-Feb-18			Rel-15			5GS_Ph1						SA2	RAN2, CT1, SA4	S6-180222	
59	10-Feb-18	13-Feb-18															
60	10-Feb-18	13-Feb-18	R2-1800073														
61	10-Feb-18	13-Feb-18															
62	10-Feb-18	13-Feb-18	R2-1800067														
63	10-Feb-18	13-Feb-18															
64	10-Feb-18	13-Feb-18	R2-1800068														

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 008

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
65	R2-1801763	UE behaviour on DRX timer operation	OPPO, APT, Qualcomm, Huawei, HiSilicon, CATT	Shi Cong	69644	discussion	Agreement				10.3.1.10	DRX	17630	noted
66	R2-1801764	Duplication control using MAC CE	OPPO	Shi Cong	69644	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	19410	not treated
67	R2-1801765	Configured grant type 2 on both SUL and UL	OPPO, Qualcomm	Shi Cong	69644	discussion	Agreement				10.3.1.8	SPS/Grant-free	22060	not treated
68	R2-1801766	Draft LS to RAN1 on supporting type 2 configuerd grant on both SUL and UL	OPPO	Shi Cong	69644	LS out	Endorsement				10.3.1.8	SPS/Grant-free	22130	noted
69	R2-1801767	LS on Dynamic PLR Allocation in eVoLP (S4-180219; contact: Intel)	SA4	Ozgur Oyman	44803	LS in	Action				3	INCOMING LIAISONS	17400	noted
70	R2-1801768	Reply LS on adding new service type in QMC reporting (S4-180229; contact: Ericsson)	SA4	Gunnar Heikkilä	31393	LS in	Information				9.6	QoE Measurement Collection for streaming services in E-UTRAN	17690	noted
71	R2-1801769	Reply LS on Attributes for QoE measurement collection (S4-180240; contact: Ericsson)	SA4	Gunnar Heikkilä	31393	LS in	Information				9.6	QoE Measurement Collection for streaming services in E-UTRAN	17680	noted
72	R2-1801770	Reply LS on default values for 5GS QoS averaging window for standardised 5QIs (S4-180254; contact: Intel)	SA4	Ozgur Oyman	44803	LS in	Information				10.1	Organisational	37470	noted
73	R2-1801771	Reply LS on FEC and ROHC for mission critical services over MBMS (S4-180275; contact: Expway)	SA4	Cedric Thienot	56306	LS in	Information				3	INCOMING LIAISONS	396400	noted
74	R2-1801772	Open issues of SDAP	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.3.4.4	Others	17720	not treated
75	R2-1801773	Discussion on System Information and Cell Reselection Issues for High Speed Dedicated Network	OPPO	Lei Yixue	73172	discussion	Decision				9.21.2	Other	17751	available
76	R2-1801774	CR to TS 36.331 on System Information Issues for High Speed Dedicated Network	OPPO	Lei Yixue	73172	draftCR	Decision				9.21.2	Other	19240	available
77	R2-1801775	CR to TS 36.304 on Cell Reselection Issues for High Speed Dedicated Network	OPPO	Lei Yixue	73172	draftCR	Decision				9.21.2	Other	22440	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 009

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
65	10-Feb-18	14-Feb-18															
66	10-Feb-18	13-Feb-18	R2-1800066														
67	10-Feb-18	13-Feb-18															
68	10-Feb-18	13-Feb-18												RAN1			
69	10-Feb-18	10-Feb-18			Rel-15			FS_eVoLP						RAN2, SA2		S4-180219	
70	10-Feb-18	10-Feb-18			Rel-15			UMTS_QMC_Streaming, LTE_QMC_Streaming, EQoE_MTSI, QOED						RAN6	CT1, RAN2	S4-180229	
71	10-Feb-18	10-Feb-18			Rel-15			UMTS_QMC_Streaming, LTE_QMC_Streaming, EQoE_MTSI, QOED						SA5	RAN2, RAN3	S4-180240	
72	10-Feb-18	10-Feb-18			Rel-15			FS_eVoLP						SA2	CT1, RAN2, SA6	S4-180254	
73	10-Feb-18	10-Feb-18			Rel-15									SA2	CT3, SA6, RAN2, RAN3	S4-180275	
74	11-Feb-18	12-Feb-18	R2-1800230		Rel-15												
75	11-Feb-18	13-Feb-18			Rel-15			TEI15									
76	11-Feb-18	13-Feb-18			Rel-15	36.331	15.0.1	TEI15									
77	11-Feb-18	13-Feb-18		R2-1803944	Rel-14	36.304	14.5.0	TEI15									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 010

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
78	R2-1801776	Discussion UE Identifier Definition in RRC Signalling in eLTE	OPPO	Lei Yixue	73172	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	17790	available
79	R2-1801777	Discussion on PDCP Version Reconfiguration in eLTE	OPPO, vivo, Intel Corporation, China Telecom, Xiaomi, Lenovo, Motorola Mobility	Lei Yixue	73172	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	19210	noted
80	R2-1801778	Discussion on Access Control for eLTE	OPPO	Lei Yixue	73172	discussion	Decision				9.7.3.4	Access control	17780	available
81	R2-1801779	Discussion UE assistance for CN Node Indication in eLTE	OPPO	Lei Yixue	73172	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	25140	available
82	R2-1801780	Clarifications on Upper Layer Actions Upon RACH Problem for SI Request	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.6.6	On demand system information	18820	available
83	R2-1801781	Discussion on EPC and 5GC Selection During for Intra-LTE Handover with CN Type Change	OPPO	Lei Yixue	73172	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	29460	available
84	R2-1801782	Discussion on ANR issue for eLTE	OPPO	Lei Yixue	73172	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	29470	available
85	R2-1801783	Discussion on DC-based HO for NR	OPPO	Lei Yixue	73172	discussion	Decision				10.2.7	Mobility mechanisms - other	17830	available
86	R2-1801784	Discussion on Conditional Handover Optimization	OPPO	Lei Yixue	73172	discussion	Decision				10.2.7	Mobility mechanisms - other	17840	available
87	R2-1801785	Discussion on Make-Before-Break for NR Handover	OPPO	Lei Yixue	73172	discussion	Decision				10.2.7	Mobility mechanisms - other	17850	available
88	R2-1801786	Discussion on RACH less for NR Handover	OPPO	Lei Yixue	73172	discussion	Decision				10.2.7	Mobility mechanisms - other	17860	available
89	R2-1801787	Discussion on Inter-RAT Handover between NR and LTE	OPPO	Lei Yixue	73172	discussion	Decision				10.2.9	Mobility - Inter-RAT	26420	available
90	R2-1801788	Discussion on CellBarred IE in NR SIB1	OPPO, Coolpad	Lei Yixue	73172	discussion	Decision				10.4.1.6.1	System information content/structure	23180	available
91	R2-1801789	Remaining Issues on MSI Scheduling	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.6.5	System information scheduling	17890	available
92	R2-1801790	Discussion on Remaining issues for NR SI Modification	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.6.4	System information modification	17900	available
93	R2-1801791	Discussion on Indication of On-Demand SI in RMSI and TP to TS 38.331	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.6.6	On demand system information	18940	available
94	R2-1801792	Discussion on Access Control for Network Slicing	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.8	Access control	17920	available
95	R2-1801793	Working Assumption Confirmation and Proposed CR to TS 38.300 on Network Slicing	OPPO, Coolpad	Lei Yixue	73172	discussion	Decision				10.2.11	Slicing	20780	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 011

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
78	11-Feb-18	13-Feb-18						LTE_5GCN_connect									
79	11-Feb-18	14-Feb-18						LTE_5GCN_connect									
80	11-Feb-18	13-Feb-18	R2-1712220														
81	11-Feb-18	13-Feb-18															
82	11-Feb-18	13-Feb-18						NR_newRAT-Core									
83	11-Feb-18	13-Feb-18	R2-1712222		Rel-15			LTE_5GCN_connect-Core									
84	11-Feb-18	13-Feb-18						LTE_5GCN_connect									
85	11-Feb-18	13-Feb-18	R2-1800051														
86	11-Feb-18	13-Feb-18	R2-1800053														
87	11-Feb-18	13-Feb-18	R2-1800055														
88	11-Feb-18	13-Feb-18	R2-1800056														
89	11-Feb-18	13-Feb-18	R2-1800065														
90	11-Feb-18	13-Feb-18	R2-1800052														
91	11-Feb-18	13-Feb-18			Rel-15			NR_newRAT-Core									
92	11-Feb-18	13-Feb-18	R2-1800061					NR_newRAT-Core									
93	11-Feb-18	13-Feb-18	R2-1800058					NR_newRAT-Core									
94	11-Feb-18	13-Feb-18	R2-1800062					NR_newRAT-Core									
95	11-Feb-18	13-Feb-18	R2-1800054					NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 012

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
96	R2-1801794	Discussion on Measurement Configuration for Fast SCell Configuration	OPPO	Lei Yixue	73172	discussion	Decision				9.9.2	Delay reduction for SCell set-up	20070	available
97	R2-1801795	Discussion on SI request prohibit timer	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.6.6	On demand system information	19780	available
98	R2-1801796	Multiple preamble transmission for contention free RACH	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	18980	available
99	R2-1801797	QoS Flow Remapping	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.3.4.3	QoS flow remapping and handover	21370	not treated
100	R2-1801798	Discussion on the data available for BSR calculation due to DRB IP	OPPO	Shukun Wang	74871	discussion	Decision				10.2.10	Security (non EN-DC)	24290	available
101	R2-1801799	Discussion on DRB IP failure handling and data recovery	OPPO	Shukun Wang	74871	discussion	Decision				10.2.10	Security (non EN-DC)	25240	available
102	R2-1801800	Discussion on Assistance Information for RAN-based Notification Area Decision	OPPO	Shukun Wang	74871	discussion	Decision				10.4.1.7.1	RAN area configuration	26810	available
103	R2-1801801	Discussion on cell reselection priority for INACTIVE UE	OPPO	Shukun Wang	74871	discussion	Decision				10.4.1.7.7	Inactive - other	23760	available
104	R2-1801802	Discussion on Cached Data Handling for INACTIVE UE	OPPO	Shukun Wang	74871	discussion	Decision				10.4.1.7.7	Inactive - other	24170	available
105	R2-1801803	Discussion on paging overlad due to beam sweeping	OPPO	Shukun Wang	74871	discussion	Decision				10.4.5.6	Idle/inactive paging	18380	available
106	R2-1801804	Discussion on false paging and paging load issue in NR	OPPO	Shukun Wang	74871	discussion	Decision				10.4.5.6	Idle/inactive paging	18880	available
107	R2-1801805	Mobility state estimation issue during RRC state transitio	OPPO	Shukun Wang	74871	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	18050	available
108	R2-1801806	Discussion on cell reselection rules for high speed UE	OPPO	Shukun Wang	74871	discussion	Decision				10.4.5.2	Selection/reselection rules	18060	available
109	R2-1801807	Discussion on UE redistribution within wideband carrier	OPPO	Shukun Wang	74871	discussion	Decision				10.4.5.2	Selection/reselection rules	18070	available
110	R2-1801808	Further Discussion of Random access failure in SUL case	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.3.1.4.3	Random access procedures	18080	noted
111	R2-1801809	Remain issues of on-demand SI	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.4.1.6.6	On demand system information	19850	available
112	R2-1801810	SR cancel issue	Beijing Xiaomi Mobile Software	XIAOWEI JIANG	66759	discussion	Decision				10.3.1.6	BSR	386900	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 013

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
96	11-Feb-18	14-Feb-18						LTE_euCA									
97	11-Feb-18	13-Feb-18															
98	11-Feb-18	12-Feb-18	R2-1800234		Rel-15												
99	11-Feb-18	12-Feb-18	R2-1800235		Rel-15												
100	11-Feb-18	14-Feb-18	R2-1800278														
101	11-Feb-18	14-Feb-18	R2-1800279														
102	11-Feb-18	14-Feb-18	R2-1800280														
103	11-Feb-18	14-Feb-18	R2-1800281														
104	11-Feb-18	14-Feb-18	R2-1800282														
105	11-Feb-18	14-Feb-18															
106	11-Feb-18	14-Feb-18															
107	11-Feb-18	14-Feb-18															
108	11-Feb-18	14-Feb-18															
109	11-Feb-18	14-Feb-18															
110	11-Feb-18	12-Feb-18			Rel-15												
111	11-Feb-18	12-Feb-18	R2-1711030		Rel-15												
112	11-Feb-18	12-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 014

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
113	R2-1801811	Discussion on immediate transmission	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.6	BSR	18110	noted
114	R2-1801812	Uses of different BSR formats	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.6	BSR	34080	noted
115	R2-1801813	PHR in case of no NR type-2 PH	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.12	PHR	23020	not treated
116	R2-1801814	Beam failure recovery for Scell	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.13	Other	18140	not treated
117	R2-1801815	Further considerations on RACH related BWP issues	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.2	MAC general aspects	18150	noted
118	R2-1801816	Remaining issue for BWP inactivity timer	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.2	MAC general aspects	24640	not treated
119	R2-1801817	SRS transmission and CSI report on BWP	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.2	MAC general aspects	21410	noted
120	R2-1801818	BWP issues for SA	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.2.5	Bandwidth parts	21640	available
121	R2-1801819	SI Reception on BWPs for Connected UEs	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.2.5	Bandwidth parts	18210	available
122	R2-1801820	Discussion on cell definition	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.2.5	Bandwidth parts	23210	available
123	R2-1801821	CR for cell definition	Huawei, HiSilicon	Zhenzhen Cao	58032	CR	Agreement				10.2.5	Bandwidth parts	24620	available
124	R2-1801822	Remaining issues of POLL mechanism	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.2.4	Other	18220	available
125	R2-1801823	Correction to remaining early status reporting issue	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.2.4	Other	31620	noted
126	R2-1801824	Reception of updated SI in connected mode	CATT	Jiangsheng Fan	75023	discussion					10.2.5	Bandwidth parts	18190	noted
127	R2-1801825	DRB IP check failure	CATT	Jiangsheng Fan	75023	discussion					10.2.10	Security (non EN-DC)	25270	available
128	R2-1801826	Cell reselection based on slice availability	CATT	Jiangsheng Fan	75023	discussion					10.2.11	Slicing	20330	available
129	R2-1801827	RRC connection re-establishment and resume procedures in NR	CATT	Jiangsheng Fan	75023	discussion					10.4.1.3.2	Connection control message harmonisation	25370	available
130	R2-1801828	Open Issues on Connection Control Procedure	CATT	Jiangsheng Fan	75023	discussion					10.4.1.3.5	Other	18280	available
131	R2-1801829	Capture agreements on RS type for SCG failure report	CATT	Jiangsheng Fan	75023	discussion					10.4.1.5.2	SCG failure for EN-DC	18290	revised
132	R2-1801830	SI change indication	CATT	Jiangsheng Fan	75023	discussion					10.4.1.6.4	System information modification	18300	available
133	R2-1801831	Remaining issues of on-demand SI	CATT	Jiangsheng Fan	75023	discussion					10.4.1.6.6	On demand system information	17910	noted
134	R2-1801832	Necessity of additional indicator for SI message actually being broadcast	CATT	Jiangsheng Fan	75023	discussion					10.4.1.6.6	On demand system information	20350	available
135	R2-1801833	RAN-based notification area update procedure	CATT	Jiangsheng Fan	75023	discussion					10.4.1.7.3	RAN area update procedure	25330	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 015

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
113	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
114	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
115	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
116	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
117	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
118	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
119	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
120	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
121	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
122	11-Feb-18	16-Feb-18	R2-1800655		Rel-15			NR_newRAT-Core									
123	11-Feb-18	16-Feb-18			Rel-15	38.300	15.0.0	NR_newRAT-Core	0005		F						
124	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
125	11-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
126	11-Feb-18	14-Feb-18															
127	11-Feb-18	13-Feb-18															
128	11-Feb-18	12-Feb-18	R2-1800131														
129	11-Feb-18	14-Feb-18	R2-1800132														
130	11-Feb-18	14-Feb-18	R2-1800133														
131	11-Feb-18	14-Feb-18		R2-1803892													
132	11-Feb-18	12-Feb-18	R2-1800139														
133	11-Feb-18	12-Feb-18	R2-1800140														
134	11-Feb-18	12-Feb-18	R2-1800141														
135	11-Feb-18	14-Feb-18	R2-1800142														

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 016

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
136	R2-1801834	Security issues related to RRC resume procedure from inactive state	CATT	Jiangsheng Fan	75023	discussion					10.4.1.7.6	Security framework for inactive	23730	available
137	R2-1801835	Considerations on Cell Reselection in RRC inactive state	CATT	Jiangsheng Fan	75023	discussion					10.4.5.2	Selection/reselection rules	18350	available
138	R2-1801836	Service types in Inactive Mode	CATT	Jiangsheng Fan	75023	discussion					10.4.5.5	Selection/reselection - other aspects	18360	available
139	R2-1801837	Issues about NR Paging Occasion	CATT	Jiangsheng Fan	75023	discussion					10.4.5.6	Idle/inactive paging	19550	available
140	R2-1801838	Issues on RX Beam Sweeping for Paging	CATT	Jiangsheng Fan	75023	discussion					10.4.5.6	Idle/inactive paging	19560	available
141	R2-1801839	Discussion on behavior of ConfiguredGrantTimer	OPPO	Qianxi Lu	71851	discussion					10.3.1.8	SPS/Grant-free	29870	not treated
142	R2-1801840	LTE MAC CE control of UL duplication in EN-DC	OPPO	Qianxi Lu	71851	discussion					10.3.1.13	Other	18400	not treated
143	R2-1801841	Discussion on RLF handling for PDCP duplication	OPPO	Qianxi Lu	71851	discussion					10.3.3.5	PDCP duplication	19840	not treated
144	R2-1801842	Discussion on UL duplication control	OPPO	Qianxi Lu	71851	discussion					9.15	Highly Reliable Low Latency Communication for LTE	26710	available
145	R2-1801843	Discussion on use case of UL duplication	OPPO	Qianxi Lu	71851	discussion					9.15	Highly Reliable Low Latency Communication for LTE	26720	available
146	R2-1801844	Discussion on RLF handling for CA duplication	OPPO	Qianxi Lu	71851	discussion					9.15	Highly Reliable Low Latency Communication for LTE	26730	available
147	R2-1801845	Discussion on HARQ configuration	OPPO	Qianxi Lu	71851	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27150	noted
148	R2-1801846	Discussion on LTE PDCP operation	OPPO	Qianxi Lu	71851	discussion					9.15	Highly Reliable Low Latency Communication for LTE	18440	noted
149	R2-1801847	[DRAFT] Reply LS on Reliability for eV2X	OPPO	Qianxi Lu	71851	LS out					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18520	revised
150	R2-1801848	Resource pool sharing in eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	19000	available
151	R2-1801849	Resource selection for sTTI in eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.4	Others	19030	available
152	R2-1801850	UL-SL prioritization in eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.4	Others	19040	available
153	R2-1801851	Latency reduction in eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.4	Others	19050	available
154	R2-1801852	Carrier selection in CA-based eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	21140	available
155	R2-1801853	Discussion on Carrier Set Configuration for PC5 CA	OPPO	Qianxi Lu	71851	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	21160	available
156	R2-1801854	Discussion on SA2 questions on PPPR	OPPO	Qianxi Lu	71851	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18470	noted
157	R2-1801855	Discussion on impact due to MCS table revision	OPPO	Qianxi Lu	71851	discussion					9.10.4	Others	19620	available
158	R2-1801856	Packet duplication in CA-based eV2x	OPPO	Qianxi Lu	71851	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19590	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 017

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
136	11-Feb-18	14-Feb-18	R2-1800144														
137	11-Feb-18	14-Feb-18															
138	11-Feb-18	14-Feb-18	R2-1800151														
139	11-Feb-18	13-Feb-18	R2-1800152														
140	11-Feb-18	12-Feb-18															
141	11-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
142	11-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
143	11-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
144	11-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
145	11-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
146	11-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
147	11-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
148	11-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
149	11-Feb-18	15-Feb-18		R2-1803911	Rel-15			LTE_eV2X-Core						SA2	CT1		
150	11-Feb-18	15-Feb-18	R2-1712180		Rel-15			LTE_eV2X-Core									
151	11-Feb-18	15-Feb-18	R2-1712181		Rel-15			LTE_eV2X-Core									
152	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
153	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
154	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
155	11-Feb-18	15-Feb-18	R2-1712183		Rel-15			LTE_eV2X-Core									
156	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
157	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
158	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 018

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
159	R2-1801857	L2 desination address collision handling in eV2x	OPPO, Qualcomm Incorporated, ZTE Corporation	Qianxi Lu	71851	discussion					9.10.4	Others	18590	noted
160	R2-1801858	Summary of [100#42] - eV2X Radio resource pool sharing	OPPO	Qianxi Lu	71851	report					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	18480	noted
161	R2-1801859	[Draft] LS on PC5 RAT version selection	OPPO, Qualcomm Incorporated	Qianxi Lu	71851	LS out					9.10.4	Others	18550	available
162	R2-1801860	CR on CBR measurement	OPPO	Qianxi Lu	71851	CR	Agreement				8.13.2	User plane	18600	not pursued
163	R2-1801861	CR on CBR measurement	OPPO, LG Electronics Inc.	Qianxi Lu	71851	CR	Agreement				8.13.1	Stage 2	18610	agreed
164	R2-1801862	CR on CBR measurement	OPPO	Qianxi Lu	71851	CR	Agreement				8.13.2	User plane	18620	not pursued
165	R2-1801863	CR on CBR measurement	OPPO, LG Electronics Inc.	Qianxi Lu	71851	CR	Agreement				8.13.1	Stage 2	18630	agreed
166	R2-1801864	Clarification for the PLMN selection procedure in the RRC_INACTIVE state	Samsung, Nokia, Nokia Shanghai Bell	Alexander Sayenko	47308	CR					10.2.3	Stage 2 corrections for non EN-DC	23770	withdrawn
167	R2-1801865	Clarification for the inter-RAT re-selection in the RRC_INACTIVE state	Samsung, Nokia, Nokia Shanghai Bell	Alexander Sayenko	47308	CR		=> The TP is agreed.			10.2.3	Stage 2 corrections for non EN-DC	18640	noted
168	R2-1801866	On default DRB, default QoS flow and profile	Samsung	Alexander Sayenko	47308	discussion					10.2.12	QoS	22650	available
169	R2-1801867	Further considerations on the number of DRBs and PDU sessions for NR	Samsung	Alexander Sayenko	47308	discussion					10.2.12	QoS	18670	available
170	R2-1801868	Further considerations on the QoS header format	Samsung	Alexander Sayenko	47308	discussion					10.3.4.2	Header Format	36880	available
171	R2-1801869	Further considerations on the I-RNTI radio network identity	Samsung	Alexander Sayenko	47308	discussion					10.4.1.7.7	Inactive - other	21550	available
172	R2-1801870	Corrections for Beam Failure Recovery Request Procedure	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	19270	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 019

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
159	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
160	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
161	11-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core						SA2			
162	11-Feb-18	15-Feb-18			Rel-14	36.321	14.5.0	LTE_V2X-Core	1204		F						
163	11-Feb-18	15-Feb-18		R2-1803901	Rel-14	36.300	14.5.0	LTE_V2X-Core	1087		F						
164	11-Feb-18	15-Feb-18			Rel-15	36.321	15.0.0	LTE_V2X-Core	1205		A						
165	11-Feb-18	15-Feb-18		R2-1803902	Rel-15	36.300	15.0.0	LTE_V2X-Core	1088		A						
166	12-Feb-18				Rel-15	38.300	15.0.0	NR_newRAT-Core	0006		F						
167	12-Feb-18	13-Feb-18			Rel-15	38.300	15.0.0	NR_newRAT-Core	0007		F						
168	12-Feb-18	13-Feb-18	R2-1800116		Rel-15			NR_newRAT-Core									
169	12-Feb-18	13-Feb-18	R2-1800117		Rel-15			NR_newRAT-Core									
170	12-Feb-18	26-Feb-18	R2-1800119		Rel-15			NR_newRAT-Core									
171	12-Feb-18	14-Feb-18	R2-1800113		Rel-15			NR_newRAT-Core									
172	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 020

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
173	R2-1801871	Corrections for Handling BWP Switching Command	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.2	MAC general aspects	32080	not treated
174	R2-1801872	Inter-RAT mobility in the RRC INACTIVE state	Samsung	Alexander Sayenko	47308	discussion					10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	20420	noted
175	R2-1801873	RA Issues for Msg3 based SI Request	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.3	Random access procedures	32020	not treated
176	R2-1801874	Draft CR_TA Timer Handling for Msg3 based SI Request	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.3	Random access procedures	32040	not treated
177	R2-1801875	On the optionality of the INACTIVE state	Samsung	Alexander Sayenko	47308	discussion		=> Offline#39 (Samsung)			10.4.1.7.7	Inactive - other	18010	noted
178	R2-1801876	Beamforming Aspects of Msg1 based SI Request Mechanism	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.3	Random access procedures	29500	not treated
179	R2-1801877	On the MICO mode and the RRC_INACTIVE state	Samsung	Alexander Sayenko	47308	discussion					10.4.1.7.7	Inactive - other	24810	available
180	R2-1801878	PRACH Preamble Selection for Msg1 based SI Request	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.3	Random access procedures	30640	not treated
181	R2-1801879	Multiple Msg1 Transmissions	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	17960	available
182	R2-1801880	Clarification of PDCCH monitoring within CORESET duration	APT, MTI, OPPO, Convida Wireless	CHIA-HUNG WEI	70848	discussion	Discussion				10.3.1.10	DRX	18800	not treated
183	R2-1801881	Updated SI Reception in RRC Connected: Bandwidth Part Aspects	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.2.5	Bandwidth parts	18240	available
184	R2-1801882	On Demand SI: Remaining Issues	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.4.1.6.6	On demand system information	20360	available
185	R2-1801883	Mobility enhancements for NR	Samsung	Alexander Sayenko	47308	discussion					10.2.7	Mobility mechanisms - other	18830	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 021

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
173	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
174	12-Feb-18	13-Feb-18	R2-1800102		Rel-15			NR_newRAT-Core									
175	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
176	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
177	12-Feb-18	13-Feb-18	R2-1800114		Rel-15			NR_newRAT-Core									
178	12-Feb-18	14-Feb-18	R2-1800094		Rel-15			NR_newRAT-Core									
179	12-Feb-18	13-Feb-18	R2-1801365		Rel-15			NR_newRAT-Core									
180	12-Feb-18	14-Feb-18	R2-1800093		Rel-15			NR_newRAT-Core									
181	12-Feb-18	14-Feb-18	R2-1800087		Rel-15			NR_newRAT-Core									
182	12-Feb-18	13-Feb-18			Rel-15												
183	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
184	12-Feb-18	14-Feb-18	R2-1800075		Rel-15			NR_newRAT-Core									
185	12-Feb-18	13-Feb-18	R2-1801337		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 022

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
186	R2-1801884	System Information Update in NR	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.4.1.6.4	System information modification	18840	available
187	R2-1801885	SI Message TX/RX in NR	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.4.1.6.5	System information scheduling	18850	available
188	R2-1801886	Further discussion on merging NR RRC messages	Samsung Telecommunications	Alexander Sayenko	47308	discussion	Decision				10.4.1.3.2	Connection control message harmonisation	23660	available
189	R2-1801887	RA Procedure for RRC Inactive State	Samsung Electronics Co., Ltd	Anil Agiwal	58101	discussion	Decision				10.4.1.7.7	Inactive - other	24880	available
190	R2-1801888	PO Determination for Paging Reception	Samsung R&D Institute India	Anil Agiwal	58101	discussion	Decision				10.4.5.6	Idle/inactive paging	19770	available
191	R2-1801889	RAN WG's progress on NR WI in the January AH meeting 2018	NTT DOCOMO, INC. (Rapporteur)	Hideaki Takahashi	60906	discussion	Information				10.1	Organisational	387600	available
192	R2-1801890	Remaining issues on BWP inactivity timer	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.2	MAC general aspects	25450	not treated
193	R2-1801891	Remaining issues on configured grant timer	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.8	SPS/Grant-free	28450	noted
194	R2-1801892	UE behaviours upon beam failure and recovery	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	32260	available
195	R2-1801893	Presence of UL SDAP header on default DRB	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.4.4	Others	19680	not treated
196	R2-1801894	Random access procedure for SI request	ASUSTeK	Lider Pan	56728	discussion	Decision				10.4.1.6.6	On demand system information	20370	available
197	R2-1801895	State transition from RRC_CONNECTED to RRC_INACTIVE	ASUSTeK	Lider Pan	56728	discussion	Decision				10.4.1.3.5	Other	18950	available
198	R2-1801896	Discussion on the UL grant processing order for NR LCP	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.7	LCP	17590	noted
199	R2-1801897	PDCP duplication and SCell (de-)activation	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	24930	not treated
200	R2-1801898	CR on aligning completion of BFR and RA procedure	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	20840	available
201	R2-1801899	Pathloss reference change for triggering PHR	ASUSTeK	Lider Pan	56728	discussion	Decision				10.3.1.12	PHR	36540	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 023

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
186	12-Feb-18	14-Feb-18	R2-1800076		Rel-15			NR_newRAT-Core									
187	12-Feb-18	14-Feb-18	R2-1800077		Rel-15			NR_newRAT-Core									
188	12-Feb-18	15-Feb-18	R2-1800850		Rel-15			NR_newRAT-Core									
189	12-Feb-18	14-Feb-18	R2-1800080		Rel-15			NR_newRAT-Core									
190	12-Feb-18	14-Feb-18	R2-1800079		Rel-15			NR_newRAT-Core									
191	12-Feb-18	23-Feb-18			Rel-15			NR_newRAT-Core									
192	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
193	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
194	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
195	12-Feb-18	14-Feb-18	R2-1800045		Rel-15			NR_newRAT-Core									
196	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
197	12-Feb-18	14-Feb-18	R2-1800047		Rel-15			NR_newRAT-Core									
198	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
199	12-Feb-18	14-Feb-18	R2-1800123		Rel-15			NR_newRAT-Core									
200	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
201	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 024

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
202	R2-1801900	Discussion on resource pool sharing between mode3 and mode4 UEs	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	19020	available
203	R2-1801901	Discussion on the Tx carrier selection	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	21170	available
204	R2-1801902	On resource pool sharing between R15 UEs and R14 UEs	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	19610	available
205	R2-1801903	Support of unicast and groupcast for eV2X	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.4	Others	18570	noted
206	R2-1801904	Coexistence of R14 UEs and R15 UEs regarding 64QAM and Tx diversity	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.4	Others	19630	available
207	R2-1801905	Consideration on latency related aspects in LTE eV2X	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.4	Others	24530	available
208	R2-1801906	Considerations on resource allocation for PC5 CA	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	21180	available
209	R2-1801907	Discussion on the questions in SA2 LS on reliability for eV2X	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	21200	available
210	R2-1801908	Packet duplication for PC5 CA	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19120	noted
211	R2-1801909	On Rx carrier selection for UEs with limited Rx capability in eV2X	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19830	noted
212	R2-1801910	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon	Xiao Xiao	62927	CR	Agreement				8.13.1	Stage 2	19100	revised
213	R2-1801911	Implementation of L1/RF/RRM capabilities from RAN1/4	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision	related to LSin R2-1801720			10.4.4.2	UE capabilities for EN DC	37490	noted
214	R2-1801912	On the sublayers and triggers for Tx carrier selection	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19070	available
215	R2-1801913	Introduction of DEFLATE based UDC Solution	CATT	Haiyang Quan	35212	CR	Approval	revision of endorsed running CR in R2-1714278			9.16	UL data compression in LTE	19130	endorsed
216	R2-1801914	Introduction of DEFLATE based UDC Solution	CATT	Haiyang Quan	35212	CR	Approval	revision of endorsed running CR in R2-1714279			9.16	UL data compression in LTE	19140	endorsed
217	R2-1801915	Introduction of DEFLATE based UDC Solution	CATT	Haiyang Quan	35212	CR	Approval				9.16	UL data compression in LTE	19150	endorsed
218	R2-1801916	Introduction of DEFLATE based UDC Solution	CATT	Haiyang Quan	35212	CR	Approval				9.16	UL data compression in LTE	32960	available
219	R2-1801917	Further Discussion on Operator Defined Dictionary	CATT, MediaTek Inc.	Haiyang Quan	35212	discussion	Discussion				9.16	UL data compression in LTE	19160	noted
220	R2-1801918	Introduction of Operator Defined Dictionary Capability	CATT, MediaTek Inc.	Haiyang Quan	35212	draftCR	Approval				9.16	UL data compression in LTE	19190	available
221	R2-1801919	Introduction of Operator Defined Dictionary Capability	CATT, MediaTek Inc.	Haiyang Quan	35212	draftCR	Approval				9.16	UL data compression in LTE	19200	available
222	R2-1801920	Clarification on FU bit	CATT, Ericsson	Haiyang Quan	35212	draftCR	Approval				9.16	UL data compression in LTE	28600	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 025

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
202	12-Feb-18	15-Feb-18			Rel-15												
203	12-Feb-18	15-Feb-18			Rel-15												
204	12-Feb-18	15-Feb-18			Rel-15												
205	12-Feb-18	15-Feb-18			Rel-15												
206	12-Feb-18	15-Feb-18			Rel-15												
207	12-Feb-18	15-Feb-18			Rel-15												
208	12-Feb-18	15-Feb-18			Rel-15												
209	12-Feb-18	15-Feb-18			Rel-15												
210	12-Feb-18	15-Feb-18			Rel-15												
211	12-Feb-18	15-Feb-18			Rel-15												
212	12-Feb-18	15-Feb-18		R2-1803579	Rel-14	36.300	14.5.0	LTE_V2X-Core	1089		F						
213	12-Feb-18	22-Feb-18			Rel-15			NR_newRAT-Core									
214	12-Feb-18	15-Feb-18			Rel-15												
215	12-Feb-18	16-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0217		B						
216	12-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_UDC-Core	3211		B						
217	12-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	LTE_UDC-Core	1090		B						
218	12-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_UDC-Core	1543		B						
219	12-Feb-18	16-Feb-18			Rel-15			LTE_UDC-Core									
220	12-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_UDC-Core			B						
221	12-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_UDC-Core			B						
222	12-Feb-18	16-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core			F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 026

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
223	R2-1801921	Consideration on PLMNs Connected to both 5GC and EPC	CATT	Haiyang Quan	35212	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	24980	available
224	R2-1801922	NR PDCP Reconfiguration for SRB1	CATT	Haiyang Quan	35212	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	19220	available
225	R2-1801923	Control Plane Latency Reduction in LTE for TDD	CATT	Haiyang Quan	35212	discussion	Discussion				9.21.1	CP latency for LTE	28940	available
226	R2-1801924	Open Issues of Cell Reselection in HSDN	CATT	Haiyang Quan	35212	discussion	Discussion				9.21.2	Other	17750	noted
227	R2-1801925	Remaining issues about Power Suspension in RACH	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.4.3	Random access procedures	18730	noted
228	R2-1801926	Remaining Considerations on RACH procedure for BFR	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.4.2	Random access in presence of multi-beam operation	20850	available
229	R2-1801927	Remaining issues on Multiple Msg.1 transmission	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.4.2	Random access in presence of multi-beam operation	18700	available
230	R2-1801928	Consideration on the remaining issues on PDCP Duplication	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.3.5	PDCP duplication	21390	not treated
231	R2-1801929	Further consideration on the report of PHR in EN-DC	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.12	PHR	24890	not treated
232	R2-1801930	Consideration on the length of PHR and PHR format	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.12	PHR	19290	noted
233	R2-1801931	Consideration on the configured grant type 2 for supporting SUL	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.8	SPS/Grant-free	22070	not treated
234	R2-1801932	MAC CE for activation/deactivation of semi-persistent SRS	ZTE, Sanechips	River Huang	43874	discussion	Discussion				10.3.1.3	MAC PDU format	19320	not treated
235	R2-1801933	Issues with RQI setting for AS updating	TCL, vivo	Xin Xia	71232	discussion					10.3.4.4	Others	22670	not treated
236	R2-1801934	QFI Presence for AS Level Reflective QoS	TCL	Xin Xia	71232	discussion					10.3.4.4	Others	22680	not treated
237	R2-1801935	Ping Pong Issues for Conditional Handover	TCL	Xin Xia	71232	discussion					10.2.7	Mobility mechanisms - other	19350	available
238	R2-1801936	QoS Flow based Access Control for CONNECTED Mode in NR	TCL	Xin Xia	71232	discussion					10.4.1.8.2	Access control for connected	19360	available
239	R2-1801937	Mobility enhancement mechanism for 0ms interruption handover in NR	TCL	Xin Xia	71232	discussion					10.2.7	Mobility mechanisms - other	19370	available
240	R2-1801938	Interaction between PDCP and RLC Entities for duplication in NR-NR DC	TCL	Xin Xia	71232	discussion					10.3.3.5	PDCP duplication	21530	not treated
241	R2-1801939	PBR configuration for duplication DRB	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	25480	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 027

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
223	12-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
224	12-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
225	12-Feb-18	16-Feb-18			Rel-15			TEI15									
226	12-Feb-18	16-Feb-18			Rel-15			TEI15									
227	12-Feb-18	14-Feb-18	R2-1800399		Rel-15			NR_newRAT-Core									
228	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
229	12-Feb-18	14-Feb-18	R2-1800400		Rel-15			NR_newRAT-Core									
230	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
231	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
232	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
233	12-Feb-18	14-Feb-18	R2-1801081		Rel-15			NR_newRAT-Core									
234	12-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
235	12-Feb-18	15-Feb-18	R2-1800089					NR_newRAT-Core									
236	12-Feb-18	15-Feb-18	R2-1800090					NR_newRAT-Core									
237	12-Feb-18	14-Feb-18	R2-1800091					NR_newRAT-Core									
238	12-Feb-18	14-Feb-18	R2-1800092					NR_newRAT-Core									
239	12-Feb-18	14-Feb-18	R2-1801349					NR_newRAT-Core									
240	12-Feb-18	14-Feb-18	R2-1801350					NR_newRAT-Core									
241	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 028

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
242	R2-1801940	BSR procedure for data duplication	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	26270	not treated
243	R2-1801941	Impacts of cell/BWP deactivation on PDCP duplication	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	28110	not treated
244	R2-1801942	Further consideration on per Cell RLF	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.2.3	Impact of PDCP duplication to RLC	36740	available
245	R2-1801943	UE behaviors upon duplication deactivation and activation	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.3.5	PDCP duplication	32330	available
246	R2-1801944	PDCP duplication for SRB	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.3.3.5	PDCP duplication	32340	available
247	R2-1801945	Updating Power Headroom upon RAR Reception	MediaTek Inc.	Li-Chuan Tseng	59751	CR	Agreement	=> Offline#304 (MediaTek)			7.2	WI: Narrowband IOT	383100	revised
248	R2-1801946	Updating Power Headroom upon RAR Reception	MediaTek Inc.	Li-Chuan Tseng	59751	CR	Agreement				7.2	WI: Narrowband IOT	383200	revised
249	R2-1801947	Relaxed Monitoring for Mobile NB-IOT UEs	MediaTek Inc.	Li-Chuan Tseng	59751	discussion					9.13.4	Relaxed Monitoring for cell reselection	19470	noted
250	R2-1801948	Introducing MAC CEs for NR MIMO	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				10.3.1.3	MAC PDU format	19480	revised
251	R2-1801949	Text proposal on MAC CEs for NR MIMO	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Approval				10.3.1.3	MAC PDU format	19940	revised
252	R2-1801950	Remaining details on random access prioritization	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				10.3.1.4.1	Differentiation of RA parameters	31920	not treated
253	R2-1801951	On the corrections to random access procedures in TS 38.321	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				10.3.1.4.3	Random access procedures	18740	noted
254	R2-1801952	On SR procedure in the case of beam failure	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				10.3.1.5	SR	18100	noted
255	R2-1801953	RAN Notification Area Configuration in NR	MediaTek Inc.	Li-Chuan Tseng	59751	discussion					10.4.1.7.1	RAN area configuration	29320	available
256	R2-1801954	Cell Quality Derivation and Adjustment for Cell Reselection in NR	MediaTek Inc.	Li-Chuan Tseng	59751	discussion					10.4.5.3	Cell quality derivation	19540	available
257	R2-1801955	Overhead Reduction for Paging in Multi-beam Operation	MediaTek Inc.	Li-Chuan Tseng	59751	discussion					10.4.5.6	Idle/inactive paging	20260	available
258	R2-1801956	Paging Transmission in NR Considering SS Blocks	MediaTek Inc.	Li-Chuan Tseng	59751	discussion					10.4.5.6	Idle/inactive paging	20270	available
259	R2-1801957	Considerations on carrier selection and resource selection in sidelink CA	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	23070	available
260	R2-1801958	Consideration on the data duplication activation	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	23080	available
261	R2-1801959	Consideration on the LCID for sidelink data duplication	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	24310	available
262	R2-1801960	Discussion on resource request mechanism in PC5 CA	ZTE	Boyuan Zhang	72779	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	24550	available
263	R2-1801961	Consideration on resource pool sharing between UEs using mode 3 and mode 4	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	18580	noted
264	R2-1801962	Discussion on Latency reduction	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.4	Others	24540	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 029

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
242	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
243	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
244	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
245	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
246	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
247	12-Feb-18	16-Feb-18		R2-1804001	Rel-13	36.321	13.7.0	NB_IOT-Core	1206		F						
248	12-Feb-18	16-Feb-18		R2-1804002	Rel-14	36.321	14.5.0	NB_IOT-Core	1207		A						
249	12-Feb-18	16-Feb-18															
250	12-Feb-18	15-Feb-18		R2-1803763	Rel-15			NR_newRAT-Core									
251	12-Feb-18	15-Feb-18		R2-1803764	Rel-15			NR_newRAT-Core									
252	12-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
253	12-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
254	12-Feb-18	15-Feb-18	R2-1800974		Rel-15			NR_newRAT-Core									
255	12-Feb-18	16-Feb-18	R2-1801302		Rel-15												
256	12-Feb-18	16-Feb-18															
257	12-Feb-18	16-Feb-18	R2-1801303														
258	12-Feb-18	16-Feb-18	R2-1801304														
259	12-Feb-18	14-Feb-18			Rel-15												
260	12-Feb-18	14-Feb-18			Rel-15												
261	12-Feb-18	14-Feb-18			Rel-15												
262	12-Feb-18	14-Feb-18			Rel-15												
263	12-Feb-18	14-Feb-18			Rel-15												
264	12-Feb-18	14-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 030

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
265	R2-1801963	Discussion on R14 and R15 V2X coexistence issue	ZTE	Boyuan Zhang	72779	discussion	Decision				9.10.4	Others	24560	available
266	R2-1801964	Discussion on PDCP packet duplication in LTE	ZTE	Boyuan Zhang	72779	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	26740	available
267	R2-1801965	Discussion on transport block repetition	ZTE	Boyuan Zhang	72779	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	27200	available
268	R2-1801966	Discussion on IMU positioning	ZTE Corporation	Cheng Bi	75066	discussion	Decision				9.8 3	Support for IMU positioning	33970	available
269	R2-1801967	On UE-based OTDOA positioning	ZTE Corporation	Cheng Bi	75066	discussion	Decision				9.8.4	UE-based OTDOA positioning	19670	available
270	R2-1801968	Discussion on QFI remapping issue	OPPO	Xin You	72607	discussion	Decision				10.3.4.4	Others	25050	not treated
271	R2-1801969	Discussion on the initial backoff value	OPPO	Xin You	72607	discussion	Decision				10.3.1.4.1	Differentiation of RA parameters	33890	not treated
272	R2-1801970	In-order delivery for QoS flow remapping	OPPO	Xin You	72607	discussion	Decision				10.3.4.3	QoS flow remapping and handover	25040	not treated
273	R2-1801971	SDAP header format	OPPO	Xin You	72607	discussion	Decision				10.3.4.2	Header Format	22660	not treated
274	R2-1801972	Support IMU positioning	ZTE Corporation	Cheng Bi	75066	draftCR	Discussion				9.8 3	Support for IMU positioning	33980	available
275	R2-1801973	Supoort IMU positioning over LPP	ZTE Corporation	Cheng Bi	75066	draftCR	Discussion				9.8 3	Support for IMU positioning	34110	available
276	R2-1801974	Local NED coordinates frame for IMU positioning	ZTE Corporation	Cheng Bi	75066	draftCR	Discussion				9.8 3	Support for IMU positioning	34120	available
277	R2-1801975	Discussions on the IS and OOS counting procedure	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.2.8	Mobility - RLM,RLF	19750	available
278	R2-1801976	Delta signaling in BWP	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.2.5	Bandwidth parts	26130	available
279	R2-1801977	paging transmission with beam sweeping	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.4.5.6	Idle/inactive paging	20280	available
280	R2-1801978	Consideration on Remaining Issues of On-Demand SI	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.4.1.6.6	On demand system information	20920	available
281	R2-1801979	UL data transmission in inactive	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.4.1.7.7	Inactive - other	24940	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 031

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
265	12-Feb-18	14-Feb-18			Rel-15												
266	12-Feb-18	14-Feb-18			Rel-15												
267	12-Feb-18	14-Feb-18			Rel-15												
268	12-Feb-18	16-Feb-18			Rel-15												
269	12-Feb-18	16-Feb-18			Rel-15												
270	12-Feb-18	14-Feb-18															
271	12-Feb-18	14-Feb-18															
272	12-Feb-18	14-Feb-18															
273	12-Feb-18	14-Feb-18															
274	12-Feb-18	16-Feb-18			Rel-15	36.305	14.3.0	LCS_LTE_acc_enh-Core									
275	12-Feb-18	16-Feb-18			Rel-15	36.355	14.4.0	LCS_LTE_acc_enh-Core			B						
276	12-Feb-18	16-Feb-18			Rel-15	23.032	14.0.0	LCS_LTE_acc_enh-Core			B						
277	12-Feb-18	15-Feb-18	R2-1800274		Rel-15												
278	12-Feb-18	15-Feb-18			Rel-15												
279	12-Feb-18	15-Feb-18			Rel-15												
280	12-Feb-18	15-Feb-18	R2-1800271		Rel-15												
281	12-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 032

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
282	R2-1801980	Issues on SSTD measurement in NR	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.4.1.4.6	Other	19800	available
283	R2-1801981	Impact of BWP deactivaion on PDCP duplication	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.3.3.5	PDCP duplication	22800	not treated
284	R2-1801982	Barring information encoding for 5G unified access control	Spreadtrum Communications	Su Huang	66419	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	35580	withdrawn
285	R2-1801983	Consideration on Packet Duplication over Sidelink	Potevio	Lanying Zhou	74047	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	24960	available
286	R2-1801984	Remain issues of PDCP duplication	Potevio	Lanying Zhou	74047	discussion					10.3.3.5	PDCP duplication	25510	not treated
287	R2-1801985	Msg 4 content for SI request	Potevio	Lanying Zhou	74047	discussion					10.4.1.6.6	On demand system information	20930	available
288	R2-1801986	Discussion on IAB topologies	Potevio	Lanying Zhou	74047	discussion					11.1	Study on Integrated Access and Backhaul for NR	19860	available
289	R2-1801987	Clarification on the measurement used for the selection of the beam or UL carrier	vivo	RAN YUE	69629	discussion					10.3.1.13	Other	36870	available
290	R2-1801988	Remaining issues of PDCP duplication	vivo	RAN YUE	69629	discussion					10.3.3.5	PDCP duplication	28360	not treated
291	R2-1801989	PDCP duplication impacts on LCP	vivo	RAN YUE	69629	discussion					10.3.1.11	Impact of PDCP duplication on MAC	35930	available
292	R2-1801990	Discussion on the simultaneous configuration of grant free type 1/2	vivo	RAN YUE	69629	discussion					10.3.1.8	SPS/Grant-free	19900	not treated
293	R2-1801991	Correction on the power backoff for the SUL PHR reporting	vivo	RAN YUE	69629	discussion					10.3.1.12	PHR	31110	noted
294	R2-1801992	Clarification on the RACH re-initiation after BWP switching	vivo	RAN YUE	69629	discussion					10.3.1.2	MAC general aspects	32030	not treated
295	R2-1801993	Discussion on BWP switching	vivo	RAN YUE	69629	discussion					10.3.1.2	MAC general aspects	18920	noted
296	R2-1801994	MAC CEs for beam management	vivo	RAN YUE	69629	discussion					10.3.1.3	MAC PDU format	24040	not treated
297	R2-1801995	MAC CEs format for beam management	vivo	RAN YUE	69629	discussion					10.3.1.3	MAC PDU format	24050	not treated
298	R2-1801996	Duplication deactivation due to Scell or BWP deactivation	vivo	RAN YUE	69629	discussion					10.3.1.11	Impact of PDCP duplication on MAC	30470	not treated
299	R2-1801997	SR and BSR cancel due to Duplication deactivation	vivo	RAN YUE	69629	discussion					10.3.1.11	Impact of PDCP duplication on MAC	31170	not treated
300	R2-1801998	RLC UM SDU segment discard	vivo	RAN YUE	69629	discussion					10.3.2.1	TS	34061	noted
301	R2-1801999	Discussion on the immediate transmission for BSR and SR cancel	vivo	RAN YUE	69629	discussion					10.3.1.6	BSR	32090	not treated
302	R2-1802000	The padding BSR overrides the regular BSR	vivo	RAN YUE	69629	discussion					10.3.1.6	BSR	35740	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 033

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
282	12-Feb-18	15-Feb-18	R2-1800270		Rel-15												
283	12-Feb-18	15-Feb-18			Rel-15												
284	12-Feb-18		R2-1800273		Rel-15												
285	12-Feb-18	12-Feb-18															
286	12-Feb-18	12-Feb-18															
287	12-Feb-18	12-Feb-18	R2-1800766														
288	12-Feb-18	12-Feb-18															
289	12-Feb-18	14-Feb-18	R2-1800887														
290	12-Feb-18	14-Feb-18															
291	12-Feb-18	14-Feb-18	R2-1800890														
292	12-Feb-18	14-Feb-18															
293	12-Feb-18	14-Feb-18															
294	12-Feb-18	14-Feb-18															
295	12-Feb-18	14-Feb-18															
296	12-Feb-18	14-Feb-18	R2-1800899														
297	12-Feb-18	14-Feb-18	R2-1801543														
298	12-Feb-18	14-Feb-18	R2-1800897														
299	12-Feb-18	14-Feb-18															
300	12-Feb-18	14-Feb-18															
301	12-Feb-18	14-Feb-18															
302	12-Feb-18	14-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 034

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
303	R2-1802001	Restart Scell inactive timer due to configration grant	vivo	RAN YUE	69629	discussion					10.3.1.2	MAC general aspects	24390	not treated
304	R2-1802002	MAC CE for the new SCell state	vivo	RAN YUE	69629	discussion					9.9.2	Delay reduction for SCell set-up	36060	available
305	R2-1802003	Remaining Issues of IDLE State Measurement	vivo	RAN YUE	69629	discussion					9.9 2	Delay reduction for SCell set-up	23010	available
306	R2-1802004	Fallback to long CQI report	vivo	RAN YUE	69629	discussion					9.9 2	Delay reduction for SCell set-up	26690	available
307	R2-1802005	Packet duplication indication for PC5	vivo	RAN YUE	69629	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	24990	available
308	R2-1802006	Discussion on the impact on beam failure recovery	vivo	RAN YUE	69629	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	35720	available
309	R2-1802007	Consideration on IDLE measurement across cells	vivo	RAN YUE	69629	discussion					9.9 2	Delay reduction for SCell set-up	20020	noted
310	R2-1802008	Discussion on Conditional Handover in NR	ASTRI, TCL Communication Ltd.	Xiang Chen	65823	discussion					10.2.7	Mobility mechanisms - other	20080	available
311	R2-1802009	Discussion on enhanced paging mechanism for handling RAN-initiated paging failure	ASTRI, TCL Communication Ltd.	Xiang Chen	65823	discussion					10.4.1.7.4	Paging in inactive	21540	available
312	R2-1802010	On Prioritization of Random Access	PANASONIC R&D Center Germany	Rikin Shah	66483	discussion	Decision				10.3.1.4.1	Differentiation of RA parameters	34610	not treated
313	R2-1802011	Bandwidth part operations during handover	PANASONIC	Quan Kuang	64589	discussion	Decision				10.4.1.5.3	Handover	20110	available
314	R2-1802012	Discussion on SDAP DATA PDU for reflective QoS	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				10.3.4.2	Header Format	31570	not treated
315	R2-1802013	Discussion on QoS flow-DRB remapping	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.3.4.3	QoS flow remapping and handover	30240	not treated
316	R2-1802014	QoS remaining aspects for NR-NR DC	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.2.12	QoS	25020	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 035

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
303	12-Feb-18	14-Feb-18															
304	12-Feb-18	14-Feb-18															
305	12-Feb-18	14-Feb-18															
306	12-Feb-18	14-Feb-18															
307	12-Feb-18	14-Feb-18															
308	12-Feb-18	14-Feb-18	R2-1800895														
309	12-Feb-18	14-Feb-18															
310	12-Feb-18	12-Feb-18	R2-1800663														
311	12-Feb-18	12-Feb-18	R2-1800666														
312	12-Feb-18	15-Feb-18															
313	12-Feb-18	15-Feb-18															
314	12-Feb-18	15-Feb-18			Rel-15												
315	12-Feb-18	15-Feb-18			Rel-15												
316	12-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 036

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
317	R2-1802015	Discussion on the configuration of frequency reference in MO	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				10.4.3.2	ASN.1 issue documents	24190	available
318	R2-1802016	Discussion on the configuration of timing reference in MO	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				10.4.3.2	ASN.1 issue documents	24200	available
319	R2-1802017	Discussion on the configuration of initial BWP/first BWP on Scell	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				10.4.3.2	ASN.1 issue documents	24280	noted
320	R2-1802018	Discusson on the indication of band information	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				10.4.1.3.1	Corrections to connection control for EN-DC	20180	noted
321	R2-1802019	Discussion on the support of MBB and RACH-less in R15	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Approval				4.1	Handover interruption time for LTE and NR	24020	available
322	R2-1802020	Discussion on targeting the 0ms interruption with DC based handover	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.7	Mobility mechanisms - other	20200	available
323	R2-1802021	Discussion on single connected handover	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.7	Mobility mechanisms - other	20210	available
324	R2-1802022	SMTC configuration in asynchronous networks	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.4.6	Other	20220	available
325	R2-1802023	Clarification on SSB-ToMeasure bitmap in SMTC configuration	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.4.1	Corrections to RRM for EN-DC	20230	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 037

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
317	12-Feb-18	20-Feb-18			Rel-15												
318	12-Feb-18	20-Feb-18			Rel-15												
319	12-Feb-18	20-Feb-18			Rel-15												
320	12-Feb-18	15-Feb-18			Rel-15												
321	12-Feb-18	15-Feb-18			Rel-15												
322	12-Feb-18	15-Feb-18			Rel-15												
323	12-Feb-18	15-Feb-18			Rel-15												
324	12-Feb-18	15-Feb-18			Rel-15												
325	12-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 038

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
326	R2-1802024	Consideration on ReportCGI measurement	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.4.6	Other	20240	available
327	R2-1802025	Inter-RAT measurements for NR handover to EUTRAN	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.4.5	Inter-RAT measurements	20250	available
328	R2-1802026	Association between SSB and paging monitoring window	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.5.6	Idle/inactive paging	20290	available
329	R2-1802027	consideration on paging mechanism optimization	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.5.6	Idle/inactive paging	21070	available
330	R2-1802028	Calculation of paging occasion in NR	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.5.6	Idle/inactive paging	21080	available
331	R2-1802029	Paging occasion mechanism comparision	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.5.6	Idle/inactive paging	23350	available
332	R2-1802030	Establishment cause issue	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.8.1	Access control for Idle/Inactive	387400	withdrawn
333	R2-1802031	Consideration on the barring parameters	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.8.1	Access control for Idle/Inactive	20990	available
334	R2-1802032	UAC in RRC_CONNECTED	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.8.2	Access control for connected	20320	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 039

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
326	12-Feb-18	15-Feb-18			Rel-15												
327	12-Feb-18	15-Feb-18			Rel-15												
328	12-Feb-18	15-Feb-18			Rel-15												
329	12-Feb-18	15-Feb-18			Rel-15												
330	12-Feb-18	15-Feb-18			Rel-15												
331	12-Feb-18	15-Feb-18			Rel-15												
332	12-Feb-18				Rel-15												
333	12-Feb-18	15-Feb-18			Rel-15												
334	12-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 040

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
335	R2-1802033	Idle mode behaviour for NW slicing	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.11	Slicing	20790	available
336	R2-1802034	Signalling of slice info	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.11	Slicing	26350	available
337	R2-1802035	Consideration on the group based SI request scheme	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.6.6	On demand system information	20940	available
338	R2-1802036	Upper layer actions for the Random Access problem	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.6.6	On demand system information	23140	available
339	R2-1802037	Further consideration on the Msg3 Content	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.6.6	On demand system information	17800	noted
340	R2-1802038	CN area update in Inactive state	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.7.7	Inactive - other	24970	available
341	R2-1802039	Consideration on the scope of Area Id	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion	=> Offline#32 (Samsung)			10.4.1.6.3	Stored system information	23150	noted
342	R2-1802040	BWP impacts on Paging and System Inforamtion receiving at connected state	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.5	Bandwidth parts	20760	available
343	R2-1802041	Enhancements on ANR functionality for eLTE	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	30160	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 041

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
335	12-Feb-18	15-Feb-18			Rel-15												
336	12-Feb-18	15-Feb-18			Rel-15												
337	12-Feb-18	15-Feb-18			Rel-15												
338	12-Feb-18	15-Feb-18			Rel-15												
339	12-Feb-18	15-Feb-18			Rel-15												
340	12-Feb-18	15-Feb-18			Rel-15												
341	12-Feb-18	15-Feb-18			Rel-15												
342	12-Feb-18	15-Feb-18			Rel-15												
343	12-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 042

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
344	R2-1802042	Consideration on inter-RAT mobility for UE in inactive state	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	23470	available
345	R2-1802043	Consideration on cell quality derivation in idle and inactive state	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.4.5.3	Cell quality derivation	20430	available
346	R2-1802044	Remaining issues about Power Suspension in RACH	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.3.1.4.3	Random access procedures	35730	withdrawn
347	R2-1802045	Multi-PLMN aspects of NSA bit in SIB1	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.6.1	System information content/structure	23130	available
348	R2-1802046	Security of REJECT message	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.7.6	Security framework for inactive	23780	available
349	R2-1802047	Ciphering of Msg4 during INACTIVE to CONNECTED mode transition	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.7.6	Security framework for inactive	23790	available
350	R2-1802048	PDCP version change for SRB1 for LTE/5GC	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	20410	available
351	R2-1802049	Frame work for DRB integrity protection	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.2.10	Security (non EN-DC)	25900	available
352	R2-1802050	Multi-PLMN aspects of NSA bit in SIB1	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.6.1	System information content/structure	34280	withdrawn

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 043

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
344	12-Feb-18	15-Feb-18			Rel-15												
345	12-Feb-18	15-Feb-18			Rel-15												
346	12-Feb-18				Rel-15												
347	12-Feb-18	15-Feb-18			Rel-15												
348	12-Feb-18	15-Feb-18			Rel-15												
349	12-Feb-18	15-Feb-18			Rel-15												
350	12-Feb-18	15-Feb-18			Rel-15												
351	12-Feb-18	15-Feb-18			Rel-15												
352	12-Feb-18				Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 044

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
353	R2-1802051	Security of REJECT message	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.7.6	Security framework for inactive	25360	withdrawn
354	R2-1802052	Ciphering of Msg4 during INACTIVE to CONNECTED mode transition	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.1.7.6	Security framework for inactive	27950	withdrawn
355	R2-1802053	PDCP version change for SRB1 for LTE/5GC	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	399300	withdrawn
356	R2-1802054	Correlated UE capability report in EN-DC and MR-DC/5GC	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Decision				10.4.4.2	UE capabilities for EN DC	31470	noted
357	R2-1802055	SIB1-BR skipping in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.14.3	System acquisition time enhancements	21780	available
358	R2-1802056	Further consideration on supporting small cell in FeNB-IoT	ZTE Corporation, Telekom R&D Sdn. Bhd.	Ting Lu	63111	discussion					9.13.10	Other	36920	available
359	R2-1802057	Consideration on SPS for SC-PTM in FeNB-IoT	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.5	Semi-Persistent Scheduling	22250	available
360	R2-1802058	Further consideration on wake-up signal	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.9	Wake Up Signal	33020	available
361	R2-1802059	Consideration on SR transmission enhancement in FeNB-IoT	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.10	Other	28380	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 045

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
353	12-Feb-18				Rel-15												
354	12-Feb-18				Rel-15												
355	12-Feb-18				Rel-15												
356	12-Feb-18	15-Feb-18			Rel-15												
357	12-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
358	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
359	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
360	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
361	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 046

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
362	R2-1802060	Consideration on NPRACH range enhancements in FeNB-IoT	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.10	Other	30000	available
363	R2-1802061	Consideration on enhancements to standalone operation mode in FeNB-IoT	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.10	Other	20600	available
364	R2-1802062	Consideration on PHR granularity enhancements in FeNB-IoT	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.13.10	Other	22330	available
365	R2-1802063	Preventing Legacy LTE UEs from camping on eLTE Cells & PLMNs connected to New 5G Core Network only	Qualcomm	Veera Prasada Kadiri	72325	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	25150	available
366	R2-1802064	RRC INACTIVE State aspects for E-UTRAN connected to 5GCN	Qualcomm	Veera Prasada Kadiri	72325	discussion	Agreement				9.7.3.1	Inactive state	20640	available
367	R2-1802065	Access Stratum Security aspects of E-UTRAN connected to 5GCN	Qualcomm	Veera Prasada Kadiri	72325	discussion	Agreement				9.7.2	Stage 2 aspects independent from NR/5GC	21110	available
368	R2-1802066	SR prohibit timer extension for CE ModeB	Nokia, Nokia Shanghai Bell	Haitao Li	73693	discussion	Decision	=> Offline#312 (Nokia)			8.12.2	Other	21990	postponed
369	R2-1802067	Extension of SR prohibit timer	Nokia, Nokia Shanghai Bell	Haitao Li	73693	CR	Agreement				8.12.2	Other	22000	postponed
370	R2-1802068	Extension of SR prohibit timer	Nokia, Nokia Shanghai Bell	Haitao Li	73693	CR	Agreement				8.12.2	Other	22010	postponed
371	R2-1802069	Clarification of applying extended value t3xy for CE mode A only capable UEs	Nokia, Nokia Shanghai Bell	Haitao Li	73693	CR	Approval	=> Offline#309 (Nokia)			7.1	WI: Further LTE Physical Layer Enhancements for MTC	21970	not pursued
372	R2-1802070	Clarification of applying extended value t3xy for CE mode A only capable Ues	Nokia, Nokia Shanghai Bell	Haitao Li	73693	CR	Approval				7.1	WI: Further LTE Physical Layer Enhancements for MTC	21980	not pursued

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 047

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
362	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
363	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
364	12-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
365	13-Feb-18	15-Feb-18	R2-1712264		Rel-15			LTE_5GCN_connect-Core									
366	13-Feb-18	15-Feb-18	R2-1712265		Rel-15			LTE_5GCN_connect-Core									
367	13-Feb-18	15-Feb-18	R2-1712262		Rel-15			LTE_5GCN_connect-Core									
368	13-Feb-18	13-Feb-18			Rel-14			LTE_feMTC-Core									
369	13-Feb-18	13-Feb-18			Rel-14	36.331	14.5.0	LTE_feMTC-Core	3212		F						
370	13-Feb-18	13-Feb-18			Rel-14	36.306	14.5.0	LTE_feMTC-Core	1544		F						
371	13-Feb-18	13-Feb-18			Rel-13	36.331	13.8.1	LTE_MTCe2_L1-Core	3213		F						
372	13-Feb-18	13-Feb-18			Rel-14	36.331	14.5.0	LTE_MTCe2_L1-Core	3214		A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 048

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
373	R2-1802071	Impact of Beam Failure Recovery on RLF related actions	Nokia, Nokia Shanghai Bell	Haitao Li	73693	discussion	Decision				10.2.8	Mobility - RLM,RLF	20710	available
374	R2-1802072	[DRAFT] LS about direct Scell activation delay during HO and Non-HO cases	Qualcomm	Veera Prasada Kadiri	72325	LS out	Approval				9.9 2	Delay reduction for SCell set-up	27550	available
375	R2-1802073	Fast SCell Configuration through Quick SCell Measurement Reporting	Qualcomm	Veera Prasada Kadiri	72325	discussion	Agreement				9.9.2	Delay reduction for SCell set-up	20730	noted
376	R2-1802074	SCell New State Transitions and Signalling Procedures	Qualcomm	Veera Prasada Kadiri	72325	discussion	Agreement				9.9.2	Delay reduction for SCell set-up	36040	available
377	R2-1802075	Discussion on the per RF UE capability for BWP	OPPO	Shukun Wang	74871	discussion	Decision				10.2.5	Bandwidth parts	28280	available
378	R2-1802076	Confirm BWP configuration issue and L2 handling for BWP reconfiguration	OPPO	Shukun Wang	74871	discussion	Decision				10.2.5	Bandwidth parts	29790	available
379	R2-1802077	Behavior on DRB IP check failure	vivo	LI CHEN	70878	discussion	Discussion				10.2.10	Security (non EN-DC)	26370	available
380	R2-1802078	Cell selection/reselection with network slicing	vivo	LI CHEN	70878	discussion	Discussion				10.2.11	Slicing	20800	available
381	R2-1802079	Mechanism for UE dedicated priority camping	vivo	LI CHEN	70878	discussion	Discussion				10.2.11	Slicing	21520	available
382	R2-1802080	UE registered slices information at gNB	vivo	LI CHEN	70878	discussion	Discussion				10.2.11	Slicing	22600	available
383	R2-1802081	Signaling procedure of SCell-failure report	vivo	LI CHEN	70878	discussion	Discussion				10.2.14	Other	28040	available
384	R2-1802082	Remaining issues and TP for baseline handover procedure	vivo	LI CHEN	70878	discussion	Discussion	=> Offline#22 (vivo): - FFS points - TP stage 2 in R2-1803900			10.2.4	Mobility mechanisms - basic handover	20820	noted
385	R2-1802083	RLM/RLF in NR	vivo	LI CHEN	70878	discussion	Discussion				10.2.8	Mobility - RLM,RLF	20830	available
386	R2-1802084	Correction on 38.321 for beam failure recovery based on agreements	vivo	LI CHEN	70878	CR	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	21420	available
387	R2-1802085	Remaining issues of beam failure recovery and corresponding TP	vivo	LI CHEN	70878	discussion	Discussion				10.3.1.4.2	Random access in presence of multi-beam operation	21430	available
388	R2-1802086	RACH configuration for beam failure recovery	vivo	LI CHEN	70878	discussion	Discussion				10.3.1.13	Other	19870	not treated
389	R2-1802087	Remaining FFS Issues on MSG3/4/5 Content for NR RRC Connection Control	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	23630	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 049

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
373	13-Feb-18	13-Feb-18			Rel-15			NR_newRAT-Core									
374	13-Feb-18	15-Feb-18			Rel-15			LTE_euCA-Core						RAN 4			
375	13-Feb-18	15-Feb-18			Rel-15			LTE_euCA-Core									
376	13-Feb-18	15-Feb-18			Rel-15			LTE_euCA-Core									
377	13-Feb-18	14-Feb-18															
378	13-Feb-18	14-Feb-18	R2-1800607														
379	13-Feb-18	15-Feb-18	R2-1800861		Rel-15			NR_newRAT-Core									
380	13-Feb-18	14-Feb-18	R2-1800855		Rel-15			NR_newRAT-Core									
381	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
382	13-Feb-18	15-Feb-18	R2-1800862		Rel-15			NR_newRAT-Core									
383	13-Feb-18	14-Feb-18	R2-1800858		Rel-15			NR_newRAT-Core									
384	13-Feb-18	14-Feb-18	R2-1800863		Rel-15			NR_newRAT-Core									
385	13-Feb-18	14-Feb-18	R2-1800865		Rel-15			NR_newRAT-Core									
386	13-Feb-18	14-Feb-18			Rel-15	38.321	15.0.0	NR_newRAT-Core	0038		F						
387	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
388	13-Feb-18	14-Feb-18	R2-1800866		Rel-15			NR_newRAT-Core									
389	13-Feb-18	14-Feb-18	R2-1800878		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 050

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
390	R2-1802088	Single cellBarred IE in NR System Information	vivo,Qualcomm Incorporated, Xiaomi, CATR, China Telecom, China Unicom	LI CHEN	70878	discussion	Discussion				10.4.1.6.1	System information content/structure	20880	noted
391	R2-1802089	Stored system information for NR	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.3	Stored system information	28190	available
392	R2-1802090	SI Change Notification	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.4	System information modification	20900	available
393	R2-1802091	Scheduling of Other SI	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.5	System information scheduling	20910	available
394	R2-1802092	Beam based on demand SI acquisition for idle/inactive UE	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.6	On demand system information	23160	available
395	R2-1802093	Failure Handling for On Demand SI Acquisition Procedure	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.6	On demand system information	18320	available
396	R2-1802094	Remaining issues of on demand SI	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.6.6	On demand system information	23230	available
397	R2-1802095	INACTIVE mobility between eLTE and NR	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	23740	available
398	R2-1802096	Security aspects in RRC INACTIVE	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.7.6	Security framework for inactive	18340	noted
399	R2-1802097	Cell Reselection Priorities for INACTIVE UE	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.7.7	Inactive - other	25080	available
400	R2-1802098	RRC Connection Release Issues for UE in RRC_INACTIVE	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.7.7	Inactive - other	25110	available
401	R2-1802099	Discussion on the access control of SI request	vivo	LI CHEN	70878	discussion	Discussion				10.4.1.8.1	Access control for Idle/Inactive	23510	available
402	R2-1802100	Challenges for in-device coexistence in NR	vivo, Potevio, CATR, Xiaomi, Spreadtrum Communications, China Telecom, TCL	LI CHEN	70878	discussion	Discussion				10.4.2.3	Corrections to other EN-DC aspects	25090	available
403	R2-1802101	Discussion on the IDC report of NR frequency in EN-DC	vivo	LI CHEN	70878	discussion	Discussion				10.4.2.3	Corrections to other EN-DC aspects	26090	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 051

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
390	13-Feb-18	14-Feb-18	R2-1800388		Rel-15			NR_newRAT-Core									
391	13-Feb-18	14-Feb-18	R2-1800871		Rel-15			NR_newRAT-Core									
392	13-Feb-18	14-Feb-18	R2-1800872		Rel-15			NR_newRAT-Core									
393	13-Feb-18	14-Feb-18	R2-1800873		Rel-15			NR_newRAT-Core									
394	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
395	13-Feb-18	14-Feb-18	R2-1800874		Rel-15			NR_newRAT-Core									
396	13-Feb-18	14-Feb-18	R2-1800875		Rel-15			NR_newRAT-Core									
397	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
398	13-Feb-18	15-Feb-18	R2-1800868		Rel-15			NR_newRAT-Core									
399	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
400	13-Feb-18	14-Feb-18	R2-1800877		Rel-15			NR_newRAT-Core									
401	13-Feb-18	14-Feb-18	R2-1800879		Rel-15			NR_newRAT-Core									
402	13-Feb-18	14-Feb-18	R2-1800857		Rel-15			NR_newRAT-Core									
403	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 052

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
404	R2-1802102	UE radio access capabilities change	vivo	LI CHEN	70878	discussion	Discussion				10.4.4.3	Temporary capability restriction	21020	available
405	R2-1802103	Remaining issues of cell selection/reselection	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.2	Selection/reselection rules	21030	available
406	R2-1802104	Cell quality derivation for cell reselection in idle/inactive mode	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.3	Cell quality derivation	21040	available
407	R2-1802105	Service based cell reselection	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.4	Service based reselection	21050	available
408	R2-1802106	Consideration on forward compatibilitiy	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.5	Selection/reselection - other aspects	21060	available
409	R2-1802107	Response-driven paging procedure for NR	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.6	Idle/inactive paging	23360	available
410	R2-1802108	Paging in NR	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.6	Idle/inactive paging	23370	available
411	R2-1802109	Consideration on coding details of PLMN ID	vivo	LI CHEN	70878	discussion	Discussion				9.7.2	Stage 2 aspects independent from NR/5GC	25160	available
412	R2-1802110	CN selection for LTE connected to 5GC	vivo	LI CHEN	70878	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	25170	available
413	R2-1802111	Mobility issue in LTE connected to NextGen Core	vivo	LI CHEN	70878	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	30550	available
414	R2-1802112	Further considerations on the CN selection for E-UTRAN connected to 5G CN	Samsung	Alexander Sayenko	47308	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	25180	available
415	R2-1802113	CN type indication for E-UTRAN connected to 5G CN	Samsung	Alexander Sayenko	47308	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	25190	available
416	R2-1802114	Discussion on PPPR usage	CATT	Zhe Chen	66576	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	25990	available
417	R2-1802115	mode 3&4 resource sharing	CATT	Zhe Chen	66576	discussion					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	21150	available
418	R2-1802116	PDCP duplication for eV2X	CATT	Zhe Chen	66576	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19580	available
419	R2-1802117	CC selection	CATT	Zhe Chen	66576	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35280	withdrawn
420	R2-1802118	CC selection	CATT	Zhe Chen	66576	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26000	available
421	R2-1802119	MCS Selection Issue	CATT	Zhe Chen	66576	discussion					8.13.2	User plane	21190	noted
422	R2-1802120	draft Reply LS on Reliability for eV2X	CATT	Zhe Chen	66576	LS out					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26010	available
423	R2-1802121	NR inter-RAT mobility to CSG cell	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				10.2.9	Mobility - Inter-RAT	26430	available
424	R2-1802122	Cell reselection between NR and LTE	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				10.4.5.2	Selection/reselection rules	21220	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 053

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
404	13-Feb-18	14-Feb-18	R2-1800880		Rel-15			NR_newRAT-Core									
405	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
406	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
407	13-Feb-18	14-Feb-18	R2-1800884		Rel-15			NR_newRAT-Core									
408	13-Feb-18	14-Feb-18	R2-1800885		Rel-15			NR_newRAT-Core									
409	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
410	13-Feb-18	14-Feb-18	R2-1800886		Rel-15			NR_newRAT-Core									
411	13-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
412	13-Feb-18	14-Feb-18	R2-1712778		Rel-15			LTE_5GCN_connect-Core									
413	13-Feb-18	14-Feb-18	R2-1712780		Rel-15			LTE_5GCN_connect-Core									
414	13-Feb-18	15-Feb-18	R2-1712171		Rel-15			LTE_5GCN_connect-Core									
415	13-Feb-18	14-Feb-18	R2-1712172		Rel-15			LTE_5GCN_connect-Core									
416	13-Feb-18	14-Feb-18															
417	13-Feb-18	14-Feb-18															
418	13-Feb-18	14-Feb-18															
419	13-Feb-18																
420	13-Feb-18	14-Feb-18															
421	13-Feb-18	14-Feb-18															
422	13-Feb-18	14-Feb-18												SA2			
423	13-Feb-18	14-Feb-18	R2-1801399		Rel-15												
424	13-Feb-18	14-Feb-18	R2-1801401		Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 054

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
425	R2-1802123	Idle Measurement Enhancement using UE speed	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				10.4.5.5	Selection/reselection - other aspects	21230	available
426	R2-1802124	Optimization of SI acquisition in MTC	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				9.14.3	System acquisition time enhancements	21790	available
427	R2-1802125	MIB-NB skipping in NB-IoT	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				9.14.3	System acquisition time enhancements	30710	available
428	R2-1802126	Remaining issues on relaxed monitoring	LG Electronics Inc.	Oanyong Lee	70348	discussion	Discussion				9.13.4	Relaxed Monitoring for cell reselection	21260	noted
429	R2-1802127	Clarification for cell reselection in the RRC_INACTIVE state	Samsung	Alexander Sayenko	47308	CR		=> Offline#17 (Samsung)			10.2.3	Stage 2 corrections for non EN-DC	18650	revised
430	R2-1802128	Discussion on UDC FU Bit	MediaTek Inc., Ericsson	Randy Liu	74551	discussion	Decision				9.16	UL data compression in LTE	28590	noted
431	R2-1802129	Clarification of UDC Behavior on FU bit	MediaTek Inc.	Randy Liu	74551	draftCR	Approval				9.16	UL data compression in LTE	28610	available
432	R2-1802130	Discussion on UDC Reconfiguration	MediaTek Inc.	Randy Liu	74551	discussion	Decision				9.16	UL data compression in LTE	28540	noted
433	R2-1802131	Addtion the allowed MCS values for V2X sidelink communication (option 1 + 2)	CATT	Zhe Chen	66576	CR	Agreement				8.13.2	User plane	21310	available
434	R2-1802132	Addtion the allowed MCS values for V2X sidelink communication (option 2)	CATT	Zhe Chen	66576	CR	Agreement				8.13.2	User plane	21320	available
435	R2-1802133	Correction on relaxed monitoring in 36.304	LG Electronics Deutschland	Oanyong Lee	70348	CR					9.13.4	Relaxed Monitoring for cell reselection	21720	not treated
436	R2-1802134	Correction on relaxed monitoring in 36.331	LG Electronics Deutschland	Oanyong Lee	70348	CR					9.13.4	Relaxed Monitoring for cell reselection	21750	not treated
437	R2-1802135	Addtion the allowed MCS values for V2X sidelink communication (option 1 + 2)	CATT	Zhe Chen	66576	CR	Agreement				8.13.2	User plane	21350	available
438	R2-1802136	Addtion the allowed MCS values for V2X sidelink communication (option 2)	CATT	Zhe Chen	66576	CR	Agreement				8.13.2	User plane	21360	available
439	R2-1802137	Discussion of QoS re-mapping issue	CATT	Zhe Chen	66576	discussion					10.3.4.3	QoS flow remapping and handover	32140	not treated
440	R2-1802138	UE behaviors upon PDCP duplication deactivation	CATT	Zhe Chen	66576	discussion					10.3.3.5	PDCP duplication	35340	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 055

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
425	13-Feb-18	14-Feb-18	R2-1801400		Rel-15												
426	13-Feb-18	14-Feb-18	R2-1713763		Rel-15												
427	13-Feb-18	14-Feb-18	R2-1713764		Rel-15												
428	13-Feb-18	14-Feb-18			Rel-15												
429	13-Feb-18	13-Feb-18		R2-1803893	Rel-15	38.300	15.0.0	NR_newRAT-Core	0008		F						
430	13-Feb-18	16-Feb-18						LTE_UDC-Core									
431	13-Feb-18	16-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core			F						
432	13-Feb-18	16-Feb-18						LTE_UDC-Core									
433	13-Feb-18	14-Feb-18			Rel-14	36.321	14.5.0	LTE_V2X-Core	1208		F						
434	13-Feb-18	14-Feb-18			Rel-14	36.321	14.5.0	LTE_V2X-Core	1209		F						
435	13-Feb-18	14-Feb-18			Rel-14	36.304	14.5.0	NB_IOTenh2-Core	0401		C						
436	13-Feb-18	14-Feb-18			Rel-14	36.331	14.5.1	NB_IOTenh2-Core	3215		C						
437	13-Feb-18	14-Feb-18			Rel-15	36.321	15.0.0	LTE_V2X-Core	1210		A						
438	13-Feb-18	14-Feb-18			Rel-15	36.321	15.0.0	LTE_V2X-Core	1211		A						
439	13-Feb-18	14-Feb-18															
440	13-Feb-18	14-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 056

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
441	R2-1802139	Duplication Scenarios	CATT	Zhe Chen	66576	discussion					10.3.3.5	PDCP duplication	35950	available
442	R2-1802140	ROHC issues in Split bearer	CATT	Zhe Chen	66576	discussion					10.3.3.7	Other	21400	noted
443	R2-1802141	Further consideration on BWP inactivity timer	CATT	Zhe Chen	66576	discussion					10.3.1.2	MAC general aspects	18900	noted
444	R2-1802142	Beam failure detection	CATT	Zhe Chen	66576	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	21440	available
445	R2-1802143	RACH reattempt considering beam selection	CATT	Zhe Chen	66576	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	21510	available
446	R2-1802144	RACH reattempt considering beam selection	CATT	Zhe Chen	66576	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	36550	withdrawn
447	R2-1802145	RA procedure for Msg3 based SI request	CATT	Zhe Chen	66576	discussion					10.3.1.4.3	Random access procedures	32110	not treated
448	R2-1802146	Configured grant in UL/SUL	CATT	Zhe Chen	66576	discussion					10.3.1.8	SPS/Grant-free	19310	noted
449	R2-1802147	Handling of the DRX Ambiguous Period	CATT	Zhe Chen	66576	discussion					10.3.1.10	DRX	28420	noted
450	R2-1802148	Small corrections on DRX	CATT	Zhe Chen	66576	discussion					10.3.1.10	DRX	28530	noted
451	R2-1802149	Duplication activation/deactivation MAC CE	CATT	Zhe Chen	66576	discussion					10.3.1.11	Impact of PDCP duplication on MAC	19400	not treated
452	R2-1802150	Futher clarification on PHR MAC CE for EN-DC	CATT	Zhe Chen	66576	discussion					10.3.1.12	PHR	34720	not treated
453	R2-1802151	Beam failure recovery	CATT	Zhe Chen	66576	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	22770	available
454	R2-1802152	Discussion on the dedicated priority for network slicing in cell reselection	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.2.11	Slicing	22610	available
455	R2-1802153	Discussion on PDCP data volume calculation in packet duplication	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.3.3.5	PDCP duplication	28370	not treated
456	R2-1802154	Discussion on receiving paging message during state transition procedure	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.4.1.7.4	Paging in inactive	23110	available
457	R2-1802155	Discussion on cell reselection for inactive state	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.4.1.7.7	Inactive - other	25120	available
458	R2-1802156	Discussion on cell quality derivation for NR IDLE mode UE	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.4.5.3	Cell quality derivation	21560	available
459	R2-1802157	Service based cell reselection	ITRI, ASUSTeK	Chen Chun-Chia	44197	discussion	Decision				10.4.5.4	Service based reselection	21570	available
460	R2-1802158	CONNECTED mode UE behaviour on receiving paging message for SI change notification	ITRI	Chen Chun-Chia	44197	discussion	Decision				10.2.5	Bandwidth parts	18810	available
461	R2-1802159	Further consideration on supporting CEL-based access barring for eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.14.5	Access/load control of idle mode UEs	21590	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 057

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
441	13-Feb-18	14-Feb-18															
442	13-Feb-18	14-Feb-18															
443	13-Feb-18	14-Feb-18															
444	13-Feb-18	14-Feb-18															
445	13-Feb-18	15-Feb-18															
446	13-Feb-18																
447	13-Feb-18	14-Feb-18	R2-1800161														
448	13-Feb-18	14-Feb-18															
449	13-Feb-18	14-Feb-18	R2-1800166														
450	13-Feb-18	14-Feb-18															
451	13-Feb-18	14-Feb-18															
452	13-Feb-18	14-Feb-18															
453	13-Feb-18	15-Feb-18															
454	13-Feb-18	14-Feb-18	R2-1801340					NR_newRAT-Core									
455	13-Feb-18	14-Feb-18	R2-1801341					NR_newRAT-Core									
456	13-Feb-18	14-Feb-18	R2-1801342					NR_newRAT-Core									
457	13-Feb-18	14-Feb-18	R2-1801343					NR_newRAT-Core									
458	13-Feb-18	14-Feb-18	R2-1801347					NR_newRAT-Core									
459	13-Feb-18	14-Feb-18	R2-1801344					NR_newRAT-Core									
460	13-Feb-18	14-Feb-18						NR_newRAT-Core									
461	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 058

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
462	R2-1802160	Impacts on PRACH procedure of CEL-based access barring	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.14.5	Access/load control of idle mode UEs	21600	available
463	R2-1802161	Supporting CEL-based access barring for eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	draftCR					9.14.5	Access/load control of idle mode UEs	21610	available
464	R2-1802162	Further consideration on Uplink HARQ-ACK feedback in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.14.6	Uplink HARQ-ACK feedback	28490	available
465	R2-1802163	Further consideration on supporting lower UE power class in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	discussion					9.14.10	Other	21630	available
466	R2-1802164	Clarification on the usage of SSB	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion	Discussion				10.2.5	Bandwidth parts	21580	available
467	R2-1802165	Supporting lower UE power class in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	draftCR					9.14.10	Other	21650	available
468	R2-1802166	Correction on SRS carrier switching	Huawei, HiSilicon, Qualcomm Incorporated	Li Zhao	62841	CR	Agreement				8.14	WI: SRS switching between LTE component carriers	21660	agreed
469	R2-1802167	Correction on SRS carrier switching	Huawei, HiSilicon, Qualcomm Incorporated	Li Zhao	62841	CR	Agreement				8.14	WI: SRS switching between LTE component carriers	21670	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 059

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
462	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
463	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
464	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
465	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
466	13-Feb-18	15-Feb-18			Rel-15												
467	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
468	13-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_SRS_switch-Core	3216		F						
469	13-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_SRS_switch-Core	3217		A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 060

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
470	R2-1802168	Supporting lower UE power class in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	draftCR					9.14.10	Other	21680	available
471	R2-1802169	Supporting lower UE power class in eFeMTC	ZTE Corporation, Sanechips	Ting Lu	63111	draftCR					9.14.10	Other	21690	available
472	R2-1802170	Resetting the reference RSRP in relaxed monitoring for NB-IoT and eMTC.	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.13.4	Relaxed Monitoring for cell reselection	21330	noted
473	R2-1802171	Correction to relaxed monitoring reference RSRP reset (Alternative 1)	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				9.13.4	Relaxed Monitoring for cell reselection	21760	revised
474	R2-1802172	Correction to relaxed monitoring reference RSRP reset (Alternative 2)	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				9.13.4	Relaxed Monitoring for cell reselection	21770	not treated
475	R2-1802173	Existing solutions for access/load control of idle mode UEs for MTC and NB-IOT	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.5	Access/load control of idle mode UEs	21730	available
476	R2-1802174	Improved access/load control of idle mode UEs for MTC and NB-IOT	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.5	Access/load control of idle mode UEs	21740	available
477	R2-1802175	Introduction of relaxed monitoring for efeMTC in 36.304	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.13.4	Relaxed Monitoring for cell reselection	24820	not treated
478	R2-1802176	Introduction of relaxed monitoring for efeMTC in 36.306	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.13.4	Relaxed Monitoring for cell reselection	25590	not treated
479	R2-1802177	Introduction of relaxed monitoring for efeMTC in 36.331	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.13.4	Relaxed Monitoring for cell reselection	25600	not treated
480	R2-1802178	Skip system information reading for MTC based on neighbor cell indication	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.3	System acquisition time enhancements	21800	available
481	R2-1802179	Skip system information reading for MTC based on MIB indication	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.3	System acquisition time enhancements	20550	available
482	R2-1802180	Introduction of system information acquisition optimisation in MIB and SIB4	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.3	System acquisition time enhancements	21810	available
483	R2-1802181	Introduction of system information acquisition optimisation in MIB	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.3	System acquisition time enhancements	30700	available
484	R2-1802182	Uplink HARQ-ACK feedback for early termination of MPDCCH monitoring	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.6	Uplink HARQ-ACK feedback	28500	available
485	R2-1802183	draft Reply LS on HARQ-ACK feedback for eFeMTC	Huawei, HiSilicon	Brian Martin	72959	LS out	Discussion				9.14.6	Uplink HARQ-ACK feedback	30820	available
486	R2-1802184	Uplink HARQ-ACK feedback for early termination of PUSCH transmission	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion	=> Offline#403 (Qualcomm): Draft LS reply to RAN1 on HARQ ACK feedback.			9.14.6	Uplink HARQ-ACK feedback	21840	available
487	R2-1802185	Increased PDSCH spectral efficiency for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.7	Increased PDSCH spectral efficiency	21850	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 061

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
470	13-Feb-18	15-Feb-18			Rel-15	36.304	14.5.0	LTE_eMTC4-Core			B						
471	13-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
472	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh-Core, LTE_eMTC4-Core									
473	13-Feb-18	15-Feb-18		R2-1803982	Rel-15	36.304	14.5.0	NB_IOTenh-Core, TEI14	0402		F						
474	13-Feb-18	15-Feb-18			Rel-15	36.304	14.5.0	NB_IOTenh-Core, TEI14	0403		F						
475	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh-Core, LTE_eMTC4-Core									
476	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh-Core, LTE_eMTC4-Core									
477	13-Feb-18	15-Feb-18			Rel-15	36.304	14.5.0	LTE_eMTC4-Core			B						
478	13-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
479	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
480	13-Feb-18	15-Feb-18	R2-1713108		Rel-15			LTE_eMTC4-Core									
481	13-Feb-18	15-Feb-18	R2-1713109		Rel-15			LTE_eMTC4-Core									
482	13-Feb-18	15-Feb-18	R2-1713110		Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
483	13-Feb-18	15-Feb-18	R2-1713111		Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
484	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
485	13-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core					R-1721254	RAN1			
486	13-Feb-18	15-Feb-18	R2-1713115		Rel-15			LTE_eMTC4-Core									
487	13-Feb-18	15-Feb-18	R2-1713116		Rel-15			LTE_eMTC4-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 062

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
488	R2-1802186	DRAFT LS on signalling support of 64QAM for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	LS out	Approval				9.14.7	Increased PDSCH spectral efficiency	21860	available
489	R2-1802187	Introduction of 64QAM for PDSCH in Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.7	Increased PDSCH spectral efficiency	21870	available
490	R2-1802188	Introduction of 64QAM for PDSCH in Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.7	Increased PDSCH spectral efficiency	21880	available
491	R2-1802189	Increased PUSCH spectral efficiency for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.8	Increased PUSCH spectral efficiency	21890	available
492	R2-1802190	Lower UE power class for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.10	Other	21900	available
493	R2-1802191	Draft Reply LS on new UE power class for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	LS out	Approval				9.14.10	Other	21910	available
494	R2-1802192	Introduction of Lower UE power class for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.10	Other	21920	available
495	R2-1802193	Introduction of Lower UE power class for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.10	Other	21930	available
496	R2-1802194	Introduction of Lower UE power class for Rel-15 MTC	Huawei, HiSilicon	Brian Martin	72959	draftCR	Discussion				9.14.10	Other	21940	available
497	R2-1802195	On CRS muting for BL UEs	Huawei, HiSilicon	Brian Martin	72959	discussion	Discussion				9.14.10	Other	21950	available
498	R2-1802196	Correction to Radio Resource common configuration during CE->NC Handover for Rel-13 eMTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement	=> Offline#3105(Huawei)			7.1	WI: Further LTE Physical Layer Enhancements for MTC	33050	revised
499	R2-1802197	Correction to Radio Resource common configuration during CE->NC Handover for Rel-13 eMTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	33060	not pursued
500	R2-1802198	Correction to Radio Resource common configuration during CE->NC Handover for Rel-13 eMTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	33070	not pursued
501	R2-1802199	Correction to field description for HARQ-ACK delay for Rel-14 MTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				8.12.2	Other	32990	agreed
502	R2-1802200	Correction to field description for HARQ-ACK delay for Rel-14 MTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				8.12.2	Other	33000	agreed
503	R2-1802201	Correction to description for HARQ-ACK delay for Rel-14 MTC	Huawei, HiSilicon	Brian Martin	72959	CR	Agreement				8.12.2	Other	33040	agreed
504	R2-1802202	Bearer handling in NR-E-UTRA Dual Connectivity	Samsung R&D Institute India	neha sharma	70441	discussion	Discussion				10.2.14	Other	28150	available
505	R2-1802203	Remaining issues of MAC entities for EN-DC	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.2	MAC general aspects	387100	withdrawn
506	R2-1802204	Impact of configured uplink grant and downlink assignment on sCellDeactivationTimer	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	407600	available
507	R2-1802205	Miscellaneous corrections to calculation of configured grant	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	31650	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 063

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
488	13-Feb-18	15-Feb-18	R2-1713117		Rel-15			LTE_eMTC4-Core						RAN1			
489	13-Feb-18	15-Feb-18	R2-1713118		Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
490	13-Feb-18	15-Feb-18	R2-1713119		Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
491	13-Feb-18	15-Feb-18	R2-1713120		Rel-15			LTE_eMTC4-Core									
492	13-Feb-18	15-Feb-18	R2-1713121		Rel-15			LTE_eMTC4-Core									
493	13-Feb-18	15-Feb-18	R2-1713122		Rel-15			LTE_eMTC4-Core					R4-1708835	RAN4	RAN1		
494	13-Feb-18	15-Feb-18	R2-1713123		Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
495	13-Feb-18	15-Feb-18	R2-1713124		Rel-15	36.304	14.5.0	LTE_eMTC4-Core			B						
496	13-Feb-18	15-Feb-18	R2-1713125		Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
497	13-Feb-18	15-Feb-18	R2-1713127		Rel-15			LTE_eMTC4-Core									
498	13-Feb-18	15-Feb-18		R2-1803803	Rel-13	36.331	13.8.0	LTE_MTCe2_L1-Core	3218		F						
499	13-Feb-18	15-Feb-18			Rel-14	36.331	14.5.0	LTE_MTCe2_L1-Core	3219		A						
500	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_MTCe2_L1-Core	3220		A						
501	13-Feb-18	15-Feb-18			Rel-14	36.331	14.5.0	LTE_feMTC-Core	3221		F						
502	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_feMTC-Core	3222		A						
503	13-Feb-18	15-Feb-18			Rel-14	36.306	14.5.0	LTE_feMTC-Core	1545		F						
504	13-Feb-18	14-Feb-18	R2-1800610		Rel-15												
505	13-Feb-18				Rel-15	38.321		NR_newRAT-Core									
506	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
507	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 064

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
508	R2-1802206	Discussion on values of ConfiguredGrantTimer	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	29530	not treated
509	R2-1802207	Configured grant Type 2 configuration on SUL	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	22050	not treated
510	R2-1802208	Redundancy version of a TB in BCCH transmission	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.9	HARQ	22080	noted
511	R2-1802209	Remaining issues of power management in NR	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.12	PHR	36530	not treated
512	R2-1802210	Alignment with RAN1 on handling of CSI reporting	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.13	Other	22040	not treated
513	R2-1802211	Enhancement of DRX	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.10	DRX	29510	not treated
514	R2-1802212	Summary of [NR-AH1801#5][NR UP/MAC] Repetition aspects	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	17650	noted
515	R2-1802213	TP for [NR-AH1801#5][NR UP/MAC] Repetition aspects	Huawei, HiSilicon	Chong Lou	72227	discussion	Decision				10.3.1.8	SPS/Grant-free	17660	revised
516	R2-1802214	Remaining issues of MAC entities for EN-DC	Huawei, HiSilicon, NTT DOCOMO, INC	Chong Lou	72227	discussion	Decision				10.3.1.2	MAC general aspects	31080	noted
517	R2-1802215	Remaining issues for EDT in the CP solution for eMTC and NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	27660	available
518	R2-1802216	AS-NAS interactions for EDT for eMTC and NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	30760	available
519	R2-1802217	Remaining issues for EDT in the UP solution for eMTC and NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	30540	available
520	R2-1802218	Security issues for EDT in the UP solution for eMTC and NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	30740	available
521	R2-1802219	MAC-RRC modelling and fallback scenarios for EDT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	30770	available
522	R2-1802220	TBS of EDT Msg3 in NB-IoT and MTC	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	22160	available
523	R2-1802221	Draft reply LS to RAN1 on early data transmission	Huawei	Odile Rollinger	75800	LS out	Approval				9.14.2	Early data transmission	22170	noted
524	R2-1802222	Early DL data transmission	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.14.2	Early data transmission	30810	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 065

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
508	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
509	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
510	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
511	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
512	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
513	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
514	13-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
515	13-Feb-18	14-Feb-18		R2-1803769	Rel-15	38.321		NR_newRAT-Core									
516	13-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
517	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
518	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
519	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
520	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
521	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
522	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
523	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1714156	RAN1			
524	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 066

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
525	R2-1802223	Wake-up signal in NB-IoT and MTC	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.9	Wake Up Signal	22231	available
526	R2-1802224	[DRAFT] Reply LS to RAN1 on wake-up signal	Huawei	Odile Rollinger	75800	LS out	Approval				9.13.9	Wake Up Signal	20580	revised
527	R2-1802225	Semi-Persistent Scheduling in NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.5	Semi-Persistent Scheduling	20570	available
528	R2-1802226	UE differentiation	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.7	UE differentiation	22260	noted
529	R2-1802227	[DRAFT] Reply LS to Reply LS on UE differentiation for Rel-15 NB-IoT	Huawei	Odile Rollinger	75800	LS out	Approval	=> Offline#313 (Huawei)			9.13.7	UE differentiation	25850	noted
530	R2-1802228	System information scheduling in TDD mode	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.8	TDD	30120	noted
531	R2-1802229	Paging, random access and timers in TDD mode	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.8	TDD	30080	available
532	R2-1802230	RLC UM remaining issues	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.10	Other	25670	available
533	R2-1802231	Small cell support in NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.10	Other	36950	available
534	R2-1802232	Combinations with standalone and in-band or guard-band carrier	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.10	Other	20590	available
535	R2-1802233	Enhancement to PHR in NB-IoT	Huawei, HiSilicon	Odile Rollinger	75800	discussion	Decision				9.13.10	Other	22310	available
536	R2-1802234	Introduction of further NB-IoT enhancements other than EDT in TS 36.331	Huawei, HiSilicon	Odile Rollinger	75800	draftCR	Decision				9.13.1	Organisational	17510	available
537	R2-1802235	Introduction of further NB-IoT enhancements in TS 36.300	Huawei, HiSilicon	Odile Rollinger	75800	draftCR	Decision				9.13.1	Organisational	22340	available
538	R2-1802236	Correction to RRCConnectionReestablishment message in 36.331	Huawei, HiSilicon	Odile Rollinger	75800	CR	Agreement				8.11	WI: Enhancements of NB-IoT	25720	revised
539	R2-1802237	Correction to RRCConnectionReestablishment message in 36.331	Huawei, HiSilicon	Odile Rollinger	75800	CR	Agreement				8.11	WI: Enhancements of NB-IoT	25730	revised
540	R2-1802238	Missing description of RRC Connection Re-establishment for the Control plane	Huawei, HiSilicon	Odile Rollinger	75800	CR	Agreement	=> Offline#306 (Huawei)			8.11	WI: Enhancements of NB-IoT	25700	revised
541	R2-1802239	Missing description of RRC Connection Re-establishment for the Control plane	Huawei, HiSilicon	Odile Rollinger	75800	CR	Agreement				8.11	WI: Enhancements of NB-IoT	32870	withdrawn
542	R2-1802240	Correction on SI-RNTI value for FeMBMS	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				8.10	WI: eMBMS enhancements for LTE	22400	revised
543	R2-1802241	Correction on SI-RNTI value for FeMBMS	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				8.10	WI: eMBMS enhancements for LTE	22410	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 067

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
525	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
526	13-Feb-18	15-Feb-18		R2-1803798	Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1712122	RAN1			
527	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
528	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
529	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core					R2-1801742	SA2	RAN3, CT1		
530	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
531	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
532	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
533	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
534	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
535	13-Feb-18	15-Feb-18			Rel-15			NB_IOTenh2-Core									
536	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	NB_IOTenh2-Core			B						
537	13-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	NB_IOTenh2-Core			B						
538	13-Feb-18	15-Feb-18		R2-1803799	Rel-14	36.331	14.5.1	NB_IOTenh-Core	3223		F						
539	13-Feb-18	15-Feb-18		R2-1803800	Rel-15	36.331	15.0.1	NB_IOTenh-Core	3224		A						
540	13-Feb-18	15-Feb-18		R2-1803787	Rel-14	36.300	14.5.0	NB_IOTenh-Core	1091		F						
541	13-Feb-18				Rel-15	36.331	15.0.0	NB_IOTenh-Core	3225		A						
542	13-Feb-18	16-Feb-18		R2-1803838	Rel-14	36.321	14.5.0	MBMS_LTE_enh2-Core	1212		F						
543	13-Feb-18	16-Feb-18		R2-1803843	Rel-15	36.321	15.0.0	MBMS_LTE_enh2-Core	1213		A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 068

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
544	R2-1802242	Correction on eLAA	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				8.1	WI: Enhanced LAA for LTE	22420	postponed
545	R2-1802243	Correction on eLAA	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				8.1	WI: Enhanced LAA for LTE	22430	postponed
546	R2-1802244	Enhancement of SRS antenna switching in TS 36 331	Huawei, HiSilicon	Li Zhao	62841	CR	Approval				9.21.2	Other	28970	available
547	R2-1802245	Enhancement of SRS antenna switching in TS 36 306	Huawei, HiSilicon	Li Zhao	62841	CR	Approval				9.21.2	Other	30280	available
548	R2-1802246	Support of 1024QAM in TS 36.331	Huawei, HiSilicon	Li Zhao	62841	CR	Approval				9.11.3	Corresponding higher-layer procedures and signalling	22460	revised
549	R2-1802247	Support of 1024QAM in TS 36.306	Huawei, HiSilicon	Li Zhao	62841	CR	Approval				9.11.2	UE capability and potential new categories	22470	revised
550	R2-1802248	Correction on eCA	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				7.3	Other LTE Rel-13 WIs	23900	not pursued
551	R2-1802249	Correction on eCA	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				7.3	Other LTE Rel-13 WIs	23910	not pursued
552	R2-1802250	Correction on eCA	Huawei, HiSilicon	Li Zhao	62841	CR	Agreement				7.3	Other LTE Rel-13 WIs	27440	not pursued
553	R2-1802251	Issues on AUL activation and deactivation	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	22510	noted
554	R2-1802252	Issues on BS and PH calculation for AUL	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	22530	noted
555	R2-1802253	Handling on Timer X with AUL	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	22540	noted
556	R2-1802254	Issues on coexistence between AUL and SUL	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	22550	available
557	R2-1802255	Disucssion on the priority class for AUL	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	22560	available
558	R2-1802256	Other MAC aspects of AUL	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.12.2	Autonomous uplink access on Frame structure type 3	28510	available
559	R2-1802257	Discussion on the issues for UE on high-speed dedicated network	Huawei, HiSilicon	Li Zhao	62841	discussion	Agreement				9.21.2	Other	22570	available
560	R2-1802258	Discussion on LCP in case of activation of PDCP CA duplication	Huawei, HiSilicon	Li Zhao	62841	discussion	Approval				10.3.1.11	Impact of PDCP duplication on MAC	22580	not treated
561	R2-1802259	Discussion on the LCP restricions	Huawei, HiSilicon	Li Zhao	62841	discussion	Approval	=> Agreeable, rapporteur to improve the wording.			10.2.3	Stage 2 corrections for non EN-DC	21271	noted
562	R2-1802260	Further Discussion on Slice Selection Information over RRC	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.11	Slicing	26360	available
563	R2-1802261	Slice Availability for Cell Reselection	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.11	Slicing	20340	available
564	R2-1802262	Slice-based Unified Access Control	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.11	Slicing	35810	available
565	R2-1802263	What is RAN part of a network slice ?	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.11	Slicing	37480	available
566	R2-1802264	DRB Level Offloading in NR DC	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.12	QoS	31520	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 069

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
544	13-Feb-18	16-Feb-18			Rel-14	36.300	14.5.0	LTE_eLAA-Core	1092		F						
545	13-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	LTE_eLAA-Core	1093		A						
546	13-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	TEI15	3226		B						
547	13-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	TEI15	1546		B						
548	13-Feb-18	16-Feb-18		R2-1803970	Rel-15	36.331	15.0.1	LTE_1024QAM_DL-Core	3227		B						
549	13-Feb-18	16-Feb-18		R2-1803994	Rel-15	36.306	14.5.0	LTE_1024QAM_DL-Core	1547		B						
550	13-Feb-18	16-Feb-18			Rel-13	36.331	13.8.1	LTE_CA_enh_b5C-Core	3228		F						
551	13-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_CA_enh_b5C-Core	3229		A						
552	13-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_CA_enh_b5C-Core	3230		A						
553	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
554	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
555	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
556	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
557	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
558	13-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
559	13-Feb-18	16-Feb-18			Rel-15			TEI15									
560	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
561	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
562	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
563	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
564	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
565	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
566	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 070

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
567	R2-1802265	Maximum DRB Numbers for NR	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.2.12	QoS	20140	available
568	R2-1802266	Further Discussion on SDAP Header Format	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.3.4.2	Header Format	20120	noted
569	R2-1802267	QoS Flow Level Offloading in NR-DC	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.3.4.4	Others	31580	not treated
570	R2-1802268	Lossless Handover of QoS Flow	Huawei, HiSilicon	Feng Han	72237	discussion	Decision				10.3.4.4	Others	32150	not treated
571	R2-1802269	Discussion on 0ms handover interruption requirement for EN-DC	OPPO	Yang Ning	62986	discussion	Agreement				4.1	Handover interruption time for LTE and NR	24030	available
572	R2-1802270	Left issue for 0ms handover interruption requirement	OPPO	Yang Ning	62986	discussion	Agreement				4.1	Handover interruption time for LTE and NR	24690	available
573	R2-1802271	Discussion on CP Latency for IMT-2020 submission	OPPO	Yang Ning	62986	discussion	Agreement				9.21.1	CP latency for LTE	19230	not treated
574	R2-1802272	Discussion on RLM parameter reconfiguration	OPPO	Yang Ning	62986	discussion	Agreement				10.4.1.3.4	Connection reconfiguration procedures	22720	available
575	R2-1802273	Discussion on Left Issues for RRC State Transitions	OPPO	Yang Ning	62986	discussion	Agreement				10.4.1.3.5	Other	22730	available
576	R2-1802274	Potential Issues on EN-DC Measurement Gap	OPPO	Yang Ning	62986	discussion	Agreement				10.4.1.4.2	Measurement gaps for EN-DC	394100	available
577	R2-1802275	Corrections on Some Description for 38.300	OPPO	Yang Ning	62986	draftCR	Approval	=> Offline#18 (OPPO)			10.2.3	Stage 2 corrections for non EN-DC	22590	revised
578	R2-1802276	Missing description of RRC Connection Re-establishment for the Control plane	Huawei, HiSilicon	Odile Rollinger	75800	CR	Agreement	=> Offline#306 (Huawei)			8.11	WI: Enhancements of NB-IoT	25710	revised
579	R2-1802277	Remaining issues on multi-preamble transmission	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	18790	available
580	R2-1802278	Remaining issues with beam failure recovery under non-CA	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	22780	available
581	R2-1802279	Text proposal for beam failure recovery	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	22790	available
582	R2-1802280	Discussion on duplication of PDCP control PDU	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.3.5	PDCP duplication	36690	available
583	R2-1802281	Report of the email discussion on PHR MAC CE for SUL	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.12	PHR	18130	noted
584	R2-1802282	Remaining issues with PDCP transmit operation	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.3.7	Other	22820	noted
585	R2-1802283	Discussion on UE capability for LTE-NR switch time	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.2	UE capabilities for EN DC	32710	available
586	R2-1802284	Text Proposal on 38.331 for UE capability of LTE-NR switch time	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.2	UE capabilities for EN DC	36280	available
587	R2-1802285	Text Proposal on 38.306 for UE capability of LTE-NR switch time	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.2	UE capabilities for EN DC	36290	available
588	R2-1802286	Emergency Service Fallback from NR to LTE	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.2.14	Other	22940	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 071

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
567	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
568	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
569	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
570	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
571	13-Feb-18	14-Feb-18															
572	13-Feb-18	14-Feb-18															
573	13-Feb-18	14-Feb-18															
574	13-Feb-18	14-Feb-18															
575	13-Feb-18	14-Feb-18	R2-1800668														
576	13-Feb-18	14-Feb-18															
577	13-Feb-18	14-Feb-18	R2-1800671	R2-1803894	Rel-15	38.300	15.0.0	NR_newRAT-Core									
578	13-Feb-18	15-Feb-18		R2-1803788	Rel-15	36.300	15.0.0	NB_IOTenh-Core	1094		A						
579	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
580	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
581	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
582	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
583	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
584	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
585	13-Feb-18	15-Feb-18	R2-1800751		Rel-15			NR_newRAT-Core									
586	13-Feb-18	15-Feb-18	R2-1800752		Rel-15			NR_newRAT-Core									
587	13-Feb-18	15-Feb-18	R2-1800753		Rel-15			NR_newRAT-Core									
588	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 072

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
589	R2-1802287	Support of Rel-14 voice enhancements in SA NR	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.2.14	Other	22860	available
590	R2-1802288	Support EPS fallback for voice in NR	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.2.14	Other	22890	noted
591	R2-1802289	Network sharing for NR	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.2.14	Other	23600	noted
592	R2-1802290	Discussion and Text proposal for BPC fallback definition	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.2	UE capabilities for EN DC	31510	available
593	R2-1802291	Measurement without gap capability report	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.2	UE capabilities for EN DC	36700	available
594	R2-1802292	UE temporary access capability restriction	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.3	Temporary capability restriction	22920	available
595	R2-1802293	Network handling on UE static access capability	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10.4.4.4	Other aspects for non EN-DC	22930	available
596	R2-1802294	Discussion on the latency measurement	Huawei, HiSilicon	Yang Zhao	59675	discussion	Decision				10 2.14	Other	29640	available
597	R2-1802295	Draft reply LS on the latency measurement	Huawei, HiSilicon	Yang Zhao	59675	LS out	Approval				10.2.14	Other	29660	revised
598	R2-1802296	Remaining issue for SPS	LG Electronics Mobile Research	Hanul Lee	69512	discussion					9.2	WI: Shortened TTI and processing time for LTE	27120	noted
599	R2-1802297	Correction to reflect RAN1 agreement	LG Electronics Inc	Hanul Lee	69512	CR					9.2	WI: Shortened TTI and processing time for LTE	27130	noted
600	R2-1802298	PDCP duplication impacts for MAC	LG Electronics Mobile Research	Hanul Lee	69512	discussion					10.3.1.11	Impact of PDCP duplication on MAC	17600	noted
601	R2-1802299	Autonomous TTI bundling for HRLLC	LG Electronics Mobile Research	Hanul Lee	69512	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27220	available
602	R2-1802300	SPS for HRLLC	LG Electronics Mobile Research	Hanul Lee	69512	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27140	noted
603	R2-1802301	Timing issue in configuring SCell in activated state	LG Electronics Mobile Research	Hanul Lee	69512	discussion					9.9.2	Delay reduction for SCell set-up	27540	available
604	R2-1802302	SRS PHR for SUL	LG Electronics Mobile Research	Hanul Lee	69512	discussion					10.3.1.12	PHR	36560	withdrawn

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 073

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
589	13-Feb-18	15-Feb-18	R2-1800757		Rel-15			NR_newRAT-Core									
590	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
591	13-Feb-18	15-Feb-18	R2-1800758		Rel-15			NR_newRAT-Core									
592	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
593	13-Feb-18	15-Feb-18	R2-1800763		Rel-15			NR_newRAT-Core									
594	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
595	13-Feb-18	15-Feb-18	R2-1800765		Rel-15			NR_newRAT-Core									
596	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
597	13-Feb-18	15-Feb-18		R2-1804019	Rel-15			NR_newRAT-Core						SA5			
598	13-Feb-18	15-Feb-18						LTE_sTTIandPT-Core									
599	13-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_sTTIandPT-Core	3231		F						
600	13-Feb-18	15-Feb-18						NR_newRAT-Core									
601	13-Feb-18	15-Feb-18						LTE_HRLLC-Core									
602	13-Feb-18	15-Feb-18						LTE_HRLLC-Core									
603	13-Feb-18	15-Feb-18						LTE_euCA-Core									
604	13-Feb-18							NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 074

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
605	R2-1802303	Discussion on signaling exchange issues for UL interference detection	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	33840	available
606	R2-1802304	Discussion on potential mobility enhancement for aerial UE	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26540	available
607	R2-1802305	Discussion on airborne status management for aerial UE	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	31390	available
608	R2-1802306	Potential measurement enhancements for aerial UE	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26600	available
609	R2-1802307	Details on carrier selection and handling Rx limited V2X UE	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19010	available
610	R2-1802308	Remaining issues of packet duplication	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26950	available
611	R2-1802309	Discussion on issues for resource pool sharing	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	23090	available
612	R2-1802310	Anchor gNB relocation in periodic RNAU	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				10.4.1.7.3	RAN area update procedure	25940	available
613	R2-1802311	RAN paging in the inactive state	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				10.4.1.7.4	Paging in inactive	25340	available
614	R2-1802312	Movement model based IMU positioning	Fraunhofer IIS	Mohammad Alawieh	65091	discussion	Decision				9.8 3	Support for IMU positioning	34130	available
615	R2-1802313	Summary of email discussion [NR-AH1801#11] System information content/structure	Ericsson	Janne Peisa	33372	discussion	Decision	=> ASN.1 from this paper will be used as a baseline.			10.4.1.6.1	System information content/structure	17880	noted
616	R2-1802314	SS Block index dependent system information	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.6	On demand system information	23260	withdrawn
617	R2-1802315	Stored System Information	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.3	Stored system information	29590	available
618	R2-1802316	Open issues on On-demand SI	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.6	On demand system information	24570	available
619	R2-1802317	Dedicated System Information	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.7	System information -other	23170	available
620	R2-1802318	System information content at network sharing	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.1	System information content/structure	23190	available
621	R2-1802319	Reserving cells for operators and future use	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.1	System information content/structure	23220	available
622	R2-1802320	Defining reserved resources in NR-SIB1	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.7	System information -other	23200	available
623	R2-1802321	Notification and retrieval of updated SI for a UE in an active DL BWP	Ericsson	Janne Peisa	33372	discussion	Decision				10.2.5	Bandwidth parts	19760	available
624	R2-1802322	Open issues on cell barring	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.1	System information content/structure	23240	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 075

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
605	13-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
606	13-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
607	13-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
608	13-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
609	13-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
610	13-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
611	13-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
612	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
613	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
614	13-Feb-18	15-Feb-18			Rel-15												
615	13-Feb-18	16-Feb-18															
616	13-Feb-18																
617	13-Feb-18	15-Feb-18															
618	13-Feb-18	15-Feb-18															
619	13-Feb-18	15-Feb-18															
620	13-Feb-18	15-Feb-18															
621	13-Feb-18	15-Feb-18															
622	13-Feb-18	15-Feb-18															
623	13-Feb-18	15-Feb-18															
624	13-Feb-18	15-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 076

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
625	R2-1802323	On-demand SI reject procedure	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.6	On demand system information	25530	available
626	R2-1802324	Optional configuration in NR system information	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.1	System information content/structure	23290	available
627	R2-1802325	Update of SI Area common SI	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.7	System information -other	23250	available
628	R2-1802326	On-demand SI in RRC connected	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.6	On demand system information	18310	noted
629	R2-1802327	Signaling of random access parameters [M063]	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.3.2	ASN.1 issue documents	24300	withdrawn
630	R2-1802328	Public Warning System provisioning	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.7	System information -other	23280	available
631	R2-1802329	Size of remaining minimum system information	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.6.1	System information content/structure	23300	available
632	R2-1802330	Draft LS to RAN1 on size of remaining minimum system information	Ericsson	Janne Peisa	33372	LS out	Decision				10.4.1.6.1	System information content/structure	33550	available
633	R2-1802331	Cell quality derivation for idle/inactive UEs	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.3	Cell quality derivation	23310	available
634	R2-1802332	Mobility states and state based scaling	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	23320	available
635	R2-1802333	Considering the number of good beams for cell ranking criteria	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	23330	available
636	R2-1802334	Cell-specific prioritisation at reselection	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.2	Selection/reselection rules	23340	available
637	R2-1802335	Response-driven paging to reduce beam sweeping overhead in NR	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	23380	available
638	R2-1802336	Dedicated RNTI(s) for response-driven paging	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	23390	available
639	R2-1802337	Response beam aggregation for response-driven paging	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	23400	available
640	R2-1802338	Paging occasions in NR	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	23410	available
641	R2-1802339	Configuration of paging transmissions in multi-beam operation	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	23420	available
642	R2-1802340	Paging in DCI only	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	27340	available
643	R2-1802341	Indication of CN initiated or RAN initiated paging	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.6	Idle/inactive paging	28240	available
644	R2-1802342	[DRAFT] LS on timing requirements on paging occasions relative SS Blocks	Ericsson	Janne Peisa	33372	LS out	Decision				10.4.5.6	Idle/inactive paging	28250	available
645	R2-1802343	TP to 38.300 on paging	Ericsson	Janne Peisa	33372	discussion	Decision	=> The TP is agreed			10.2.3	Stage 2 corrections for non EN-DC	22750	noted
646	R2-1802344	UE support for RRC_INACTIVE	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.7.7	Inactive - other	18690	available
647	R2-1802345	Draft LS on inactive state	Ericsson	Janne Peisa	33372	LS out	Decision				10.4.1.7.7	Inactive - other	18750	available
648	R2-1802346	Service-based RAT/frequency selection in INACTIVE or in IDLE	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	23460	available
649	R2-1802347	Mobility between LTE and NR for inactive Ues	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	26330	available
650	R2-1802348	Wait Timer in NR	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.3.5	Other	23480	available
651	R2-1802349	Open issues for camping procedures	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	23490	available
652	R2-1802350	AS-NAS functional division for Unified Access Control	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	23530	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 077

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
625	13-Feb-18	15-Feb-18															
626	13-Feb-18	15-Feb-18															
627	13-Feb-18	15-Feb-18															
628	13-Feb-18	15-Feb-18															
629	13-Feb-18	15-Feb-18															
630	13-Feb-18	15-Feb-18															
631	13-Feb-18	15-Feb-18															
632	13-Feb-18	15-Feb-18												RAN1			
633	13-Feb-18	15-Feb-18															
634	13-Feb-18	15-Feb-18															
635	13-Feb-18	16-Feb-18															
636	13-Feb-18	15-Feb-18															
637	13-Feb-18	15-Feb-18															
638	13-Feb-18	15-Feb-18															
639	13-Feb-18	15-Feb-18															
640	13-Feb-18	15-Feb-18															
641	13-Feb-18	15-Feb-18															
642	13-Feb-18	15-Feb-18															
643	13-Feb-18	15-Feb-18															
644	13-Feb-18	15-Feb-18												RAN4			
645	13-Feb-18	15-Feb-18															
646	13-Feb-18	15-Feb-18															
647	13-Feb-18	15-Feb-18											S2-179047	SA2	RAN		
648	13-Feb-18	15-Feb-18															
649	13-Feb-18	15-Feb-18															
650	13-Feb-18	15-Feb-18															
651	13-Feb-18	15-Feb-18															
652	13-Feb-18	15-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 078

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
653	R2-1802351	RRC-initiated access attempts in RRC_IDLE and RRC_INACTIVE	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	23500	available
654	R2-1802352	Access Control in RRC_CONNECTED	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.2	Access control for connected	23520	available
655	R2-1802353	Signaling of access control parameters	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	23540	available
656	R2-1802354	Establishment causes for NR	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	23560	available
657	R2-1802355	TP to 38.300 on Access Control	Ericsson	Janne Peisa	33372	discussion	Decision				10.2.3	Stage 2 corrections for non EN-DC	33540	withdrawn
658	R2-1802356	RRC Procedure for Access Barring Check	Ericsson	Janne Peisa	33372	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	24250	available
659	R2-1802357	Emergency/Voice Fallback from NR to LTE	Ericsson	Janne Peisa	33372	discussion	Decision	=> Offline#47 (Ericsson)			10.2.14	Other	22950	postponed
660	R2-1802358	Support for IMS Emergency calls in NR	Ericsson	Janne Peisa	33372	discussion	Decision	=> The TP is agreed			10.2.14	Other	22880	noted
661	R2-1802359	RAN Sharing and identifier aspects in NR	Ericsson	Janne Peisa	33372	discussion	Decision				10.2.14	Other	23980	available
662	R2-1802360	Stage 2 proposal for RAN Sharing	Ericsson	Janne Peisa	33372	discussion	Decision				10.2.14	Other	23990	available
663	R2-1802361	NR RRC States overview and remaining open issues	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	23620	available
664	R2-1802362	Idle to Connected transition	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	23610	available
665	R2-1802363	Need for MSG.5 in Resume procedure	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	23690	available
666	R2-1802364	Default RNA configuration	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.1	RAN area configuration	31360	available
667	R2-1802365	I-RNTI discussion	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.7	Inactive - other	23440	available
668	R2-1802366	Harmonizing RRC Connection control messages and procedures	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.2	Connection control message harmonisation	18860	noted
669	R2-1802367	Timer-based transition to inactive	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.4	Connection reconfiguration procedures	23670	available
670	R2-1802368	[DRAFT] Reply LS on Periodical RNA update	Ericsson	Icaro Leonardo Da Silva	58721	LS out	Approval				10.4.1.7.7	Inactive - other	27370	available
671	R2-1802369	Text proposal to RRC connection control	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	25930	available
672	R2-1802370	TP on 38.331 on DL/UL Information Transfer	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.3.5	Other	23700	available
673	R2-1802371	[DRAFT] Reply LS on extending TAC for NR and NG-RAN	Ericsson	Riikka Susitaival	44957	LS out	Approval				10.4.1.7.7	Inactive - other	27960	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 079

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
653	13-Feb-18	15-Feb-18															
654	13-Feb-18	15-Feb-18															
655	13-Feb-18	15-Feb-18															
656	13-Feb-18	15-Feb-18															
657	13-Feb-18																
658	13-Feb-18	15-Feb-18															
659	13-Feb-18	16-Feb-18															
660	13-Feb-18	16-Feb-18															
661	13-Feb-18	15-Feb-18															
662	13-Feb-18	15-Feb-18															
663	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
664	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
665	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
666	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
667	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
668	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
669	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
670	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						RAN3			
671	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
672	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
673	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						RAN3	SA2, CT1, CT4		

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 080

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
674	R2-1802372	Way forward with Security in RRC Inactive	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.6	Security framework for inactive	28130	available
675	R2-1802373	Security for RRCResumeRequest message	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.6	Security framework for inactive	29280	available
676	R2-1802374	TP to 38.331 on RRC states	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	29220	available
677	R2-1802375	Context and anchor gNB relocation support in NR Release 15	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.3	RAN area update procedure	23750	available
678	R2-1802376	CN area updating in RRC_INACTIVE	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.7	Inactive - other	23450	available
679	R2-1802377	TP on 38.300 for RNA Configuration	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion	=> Offline#19 (Ericsson)			10.2.3	Stage 2 corrections for non EN-DC	23550	revised
680	R2-1802378	Security issues on reject message on SRB0	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.7.6	Security framework for inactive	31760	available
681	R2-1802379	[DRAFT] LS to SA3 on Security issues on reject message on SRB0	Ericsson	Icaro Leonardo Da Silva	58721	LS out	Approval				10.4.1.7.6	Security framework for inactive	32630	available
682	R2-1802380	FGI20 limitation for DRBs	Ericsson	Mattias Bergstrom	46046	discussion					8.25	LTE TEI14 enhancements	23830	noted
683	R2-1802381	Avoiding FGI20 limitation	Ericsson	Mattias Bergstrom	46046	CR	Agreement				8.25	LTE TEI14 enhancements	23840	not treated
684	R2-1802382	Avoiding FGI20 limitation	Ericsson	Mattias Bergstrom	46046	CR	Agreement				8.25	LTE TEI14 enhancements	24450	not treated
685	R2-1802383	Avoiding FGI20 limitation	Ericsson	Mattias Bergstrom	46046	CR	Agreement				8.25	LTE TEI14 enhancements	24460	not treated
686	R2-1802384	Avoiding FGI20 limitation	Ericsson	Mattias Bergstrom	46046	CR	Agreement				8.25	LTE TEI14 enhancements	27470	not treated
687	R2-1802385	Power classes for CA	Ericsson	Mattias Bergstrom	46046	discussion					7.3	Other LTE Rel-13 WIs	27450	noted
688	R2-1802386	Power classes for CA	Ericsson	Mattias Bergstrom	46046	CR	Agreement				7.3	Other LTE Rel-13 WIs	27460	not treated
689	R2-1802387	Power classes for CA	Ericsson	Mattias Bergstrom	46046	CR	Agreement				7.3	Other LTE Rel-13 WIs	29080	not treated
690	R2-1802388	Power classes for CA	Ericsson	Mattias Bergstrom	46046	CR	Agreement				7.3	Other LTE Rel-13 WIs	29130	not treated
691	R2-1802389	Power classes for CA	Ericsson	Mattias Bergstrom	46046	CR	Agreement				7.3	Other LTE Rel-13 WIs	29140	not treated
692	R2-1802390	Power classes for CA	Ericsson	Mattias Bergstrom	46046	CR	Agreement				7.3	Other LTE Rel-13 WIs	29150	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 081

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
674	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
675	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
676	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
677	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
678	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
679	13-Feb-18	15-Feb-18		R2-1803898	Rel-15			NR_newRAT-Core									
680	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
681	13-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core					R2-1801753	SA3			
682	13-Feb-18	16-Feb-18			Rel-14												
683	13-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	TEI14	3232		C						
684	13-Feb-18	16-Feb-18			Rel-14	36.306	14.5.0	TEI14	1548		C						
685	13-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	TEI14	3233		A						
686	13-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	TEI14	1549		A						
687	13-Feb-18	16-Feb-18			Rel-13			LTE_CA_C_B41_PC2									
688	13-Feb-18	16-Feb-18			Rel-13	36.331	13.8.1	LTE_CA_C_B41_PC2	3234		F						
689	13-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_CA_C_B41_PC2	3235		A						
690	13-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_CA_C_B41_PC2	3236		A						
691	13-Feb-18	16-Feb-18			Rel-13	36.306	13.8.0	LTE_CA_C_B41_PC2	1550		F						
692	13-Feb-18	16-Feb-18			Rel-14	36.306	14.5.0	LTE_CA_C_B41_PC2	1551		A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 082

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
693	R2-1802391	Reply LS on the addition of PC2 for uplink CA_41C	Ericsson	Mattias Bergstrom	46046	LS out	Approval				7.3	Other LTE Rel-13 WIs	34970	not treated
694	R2-1802392	Miscellaneous corrections	ZTE	Sergio Parolari	26217	CR	Approval	=> Offline#09 (ZTE)			10.2.1	Stage 2 TSs and running CR	25000	revised
695	R2-1802393	List of FFS for MR-DC	Rapporteur (ZTE Corporation)	Sergio Parolari	26217	discussion	Information				10.2.1	Stage 2 TSs and running CR	25005	noted
696	R2-1802394	Draft37.340CR Introduction of NR-NR DC	Rapporteur (ZTE Corporation)	Sergio Parolari	26217	draftCR	Information				10.2.1	Stage 2 TSs and running CR	25010	available
697	R2-1802395	Clarification on SN modification procedure	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Approval	=> Offline#10 (ZTE)			10.2.2.2	Other	23950	available
698	R2-1802396	SCG configuration handling during resumption in EN-DC	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Approval				10.2.2.2	Other	25220	noted
699	R2-1802397	DRB integrity check failure handling	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Approval				10.2.10	Security (non EN-DC)	20490	revised
700	R2-1802398	Discussion on the Stage 2 Architecture of NN-DC	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Approval				10.2.14	Other	30010	available
701	R2-1802399	SCG configuration handling during suspension/resumption for MR-DC@5GC	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Decision				10.2.14	Other	30020	available
702	R2-1802400	Consideration on the Temporary Capability Restriction for EN-DC	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Approval				10.4.4.3	Temporary capability restriction	24000	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 083

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
693	13-Feb-18	16-Feb-18			Rel-13			LTE_CA_C_B41_PC2						RAN4			
694	13-Feb-18	16-Feb-18		R2-1803878	Rel-15	37.340	15.0.0	NR_newRAT-Core	0004		F						
695	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
696	13-Feb-18	16-Feb-18			Rel-15	37.340	15.0.0	NR_newRAT-Core									
697	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
698	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
699	13-Feb-18	16-Feb-18		R2-1803967	Rel-15			NR_newRAT-Core									
700	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
701	13-Feb-18	16-Feb-18	R2-1801080		Rel-15			NR_newRAT-Core									
702	13-Feb-18	16-Feb-18	R2-1800407		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 084

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
703	R2-1802401	Report of email discussion on IMT-2020 requirement for 0ms handover interruption time	Rapporteur (ZTE Corporation)	Sergio Parolari	26217	discussion	Approval	=> Offline#03 (ZTE): What notes couold be added to the spec => Offline#04 (ZTE): LS to RAN in R2-1803833			4.1	Handover interruption time for LTE and NR	20190	noted
704	R2-1802402	Draft LS on IMT-2020 requirement for 0ms handover interruption time	ZTE Corporation, Sanechips	Sergio Parolari	26217	LS out	Approval				4.1	Handover interruption time for LTE and NR	24010	available
705	R2-1802403	IMT-2020 Requirement on 0ms Handover Interruption in Rel-15	MediaTek Inc.	Yuanyuan Zhang	56830	discussion					4.1	Handover interruption time for LTE and NR	24700	available
706	R2-1802404	TP for MAC CEs to Support Beam Management and CSI Acquisition	MediaTek Inc.	Yuanyuan Zhang	56830	discussion					10.3.1.3	MAC PDU format	24180	not treated
707	R2-1802405	MAC CEs for Beam Management and CSI Acquisition	MediaTek Inc.	Yuanyuan Zhang	56830	discussion					10.3.1.3	MAC PDU format	25460	not treated
708	R2-1802406	Clarifications on Beam Failure Recovery Procedure	MediaTek Inc.	Yuanyuan Zhang	56830	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	24060	available
709	R2-1802407	TP on Basic HO Considering the FFS Issues	MediaTek Inc.	Yuanyuan Zhang	56830	discussion	Decision				10.2.4	Mobility mechanisms - basic handover	32250	available
710	R2-1802408	Mobility Enhancement for '0ms Interruption' HO	MediaTek Inc.	Yuanyuan Zhang	56830	discussion	Decision				10.2.7	Mobility mechanisms - other	24080	available
711	R2-1802409	SRB in re-establishment and resume procedure	MediaTek Inc. and LG Electronics Inc.	Chun-Fan Tsai	73920	discussion	Decision				10.4.1.3.1	Corrections to connection control for EN-DC	24090	noted
712	R2-1802410	Reporting of NR cells in LTE Measurement Report	MediaTek Inc.	Chun-Fan Tsai	73920	discussion	Decision				10.4.2.2	Corrections to RRM measurements for EN-DC	24100	noted
713	R2-1802411	Dedicated cell reselection priorities in RRC_IDLE and RRC_INACTIVE	Samsung	Alexander Sayenko	47308	discussion					10.4.5.2	Selection/reselection rules	24110	available
714	R2-1802412	38.331 RIL MXXX	MediaTek Inc.	Chun-Fan Tsai	73920	discussion	Decision				10.4.3.2	ASN.1 issue documents	37680	withdrawn
715	R2-1802413	Discussion on CP Latency Reduction Options	MediaTek Inc.	Chun-Fan Tsai	73920	discussion	Decision				9.21.1	CP latency for LTE	22710	noted
716	R2-1802414	UE overheating for EN-DC	Apple Inc.	Fangli Xu	74483	discussion	Decision				10.4.2.3	Corrections to other EN-DC aspects	31280	noted
717	R2-1802415	UE overheating for EN-DC	Apple Inc.	Fangli Xu	74483	draftCR					10.4.2.3	Corrections to other EN-DC aspects	32810	available
718	R2-1802416	Cell reselection in INACTIVE state	Apple Inc.	Fangli Xu	74483	discussion	Decision				10.4.5.2	Selection/reselection rules	24160	available
719	R2-1802417	RRC state transition	Apple Inc.	Fangli Xu	74483	discussion	Decision				10.4.1.7.7	Inactive - other	29290	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 085

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
703	13-Feb-18	26-Feb-18			Rel-15			NR_newRAT-Core									
704	13-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core						RAN4			
705	14-Feb-18	16-Feb-18															
706	14-Feb-18	16-Feb-18															
707	14-Feb-18	16-Feb-18															
708	14-Feb-18	16-Feb-18															
709	14-Feb-18	16-Feb-18	R2-1800629														
710	14-Feb-18	16-Feb-18	R2-1800630					NR_newRAT-Core									
711	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
712	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
713	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
714	14-Feb-18				Rel-15			NR_newRAT-Core									
715	14-Feb-18	15-Feb-18			Rel-15			TEI15									
716	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
717	14-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	NR_newRAT-Core									
718	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
719	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 086

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
720	R2-1802418	New MAC CEs for NR MIMO	Samsung Electronics France SA	Seungri Jin	64681	discussion	Decision				10.3.1.3	MAC PDU format	26120	not treated
721	R2-1802419	Correction on SSTD in EN-DC (36 331 RIL M011)	MediaTek Inc. and Huawei, HiSilicon	Chun-Fan Tsai	73920	discussion	Decision				10.4.3.2	ASN.1 issue documents	24320	available
722	R2-1802420	CR for SSTD Correction on EN-DC (36.331 RIL M011)	MediaTek Inc. and Huawei, HiSilicon	Chun-Fan Tsai	73920	draftCR					10.4.3.2	ASN.1 issue documents	24580	available
723	R2-1802421	Clarification on RSTD Reporting for Assistance Data Reference Cell	Samsung Electronics France SA	Seungri Jin	64681	discussion	Decision				9.21.2	Other	32360	available
724	R2-1802422	Differentiation of Backoff parameter and/or power ramping	Samsung	Sangbum Kim	42122	discussion					10.3.1.4.1	Differentiation of RA parameters	20100	noted
725	R2-1802423	CR on Solution 1 for RSTD Reporting for Assistance Data Reference Cell	Samsung	Seungri Jin	64681	CR	Approval				9.21.2	Other	33080	available
726	R2-1802424	On supporting multiple modification periods in NR	Samsung	Sangbum Kim	42122	discussion					10.4.1.6.7	System information -other	24240	available
727	R2-1802425	NR Access Control in RRC_Idle and RRC_Inactive	Samsung	Sangbum Kim	42122	discussion					10.4.1.8.1	Access control for Idle/Inactive	24430	available
728	R2-1802426	CR on Solution 2 for RSTD Reporting for Assistance Data Reference Cell	Samsung	Seungri Jin	64681	CR	Approval				9.21.2	Other	34390	available
729	R2-1802427	NR Access Control in RRC_Connected	Samsung	Sangbum Kim	42122	discussion					10.4.1.8.2	Access control for connected	24270	available
730	R2-1802428	Measurement related actions upon reconfiguration with sync (38.331 RIL M120)	MediaTek Inc.	Chun-Fan Tsai	73920	draftCR	Decision				10.4.3.2	ASN.1 issue documents	24830	available
731	R2-1802429	[DRAFT] LS on the MAC-I size reporting and DRB IP failure handling procedure	OPPO	Shukun Wang	74871	LS out	Approval				10.2.10	Security (non EN-DC)	27970	available
732	R2-1802430	Measurement gap configuration in EN-DC (38.331 RIL I031)	MediaTek Inc.	Chun-Fan Tsai	73920	discussion	Decision				10.4.3.2	ASN.1 issue documents	24840	available
733	R2-1802431	Discussion on Duplication Request Change Triggered by UE	ITRI	Hua-Lung Tsai	61783	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26960	available
734	R2-1802432	CR for measurement gap configuration in EN-DC (38.331 RIL I031)	MediaTek Inc.	Chun-Fan Tsai	73920	draftCR	Agreement				10.4.3.2	ASN.1 issue documents	24850	available
735	R2-1802433	General corrections on TS 38.321	Samsung (Rapporteur)	Jaehyuk Jang	46012	CR	Agreement				10.3.1.1	TS	24331	revised
736	R2-1802434	RAR window extension for multiple preamble transmission	LG Electronics Inc.	Eunjong Lee	72552	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	19260	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 087

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
720	14-Feb-18	14-Feb-18			Rel-15	38.321		NR_newRAT-Core									
721	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
722	14-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	NR_newRAT-Core			F						
723	14-Feb-18	14-Feb-18			Rel-15			TEI15									
724	14-Feb-18	14-Feb-18						NR_newRAT-Core									
725	14-Feb-18	14-Feb-18			Rel-15	36.355	14.4.0	TEI15	0190		C						
726	14-Feb-18	14-Feb-18						NR_newRAT-Core									
727	14-Feb-18	14-Feb-18						NR_newRAT-Core									
728	14-Feb-18	14-Feb-18			Rel-15	36.355	14.4.0	TEI15	0191		C						
729	14-Feb-18	14-Feb-18						NR_newRAT-Core									
730	14-Feb-18	20-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core			F						
731	14-Feb-18	14-Feb-18												CT1, RAN3	SA2		
732	14-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
733	14-Feb-18	14-Feb-18															
734	14-Feb-18	20-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core			F						
735	14-Feb-18	14-Feb-18		R2-1803854	Rel-15	38.321	15.0.0	NR_newRAT-Core	0039		F						
736	14-Feb-18	15-Feb-18	R2-1800567					NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 088

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
737	R2-1802435	List of open issues on NR MAC	Samsung (Rapporteur)	Jaehyuk Jang	46012	discussion	Discussion				10.3.1.1	TS	30610	noted
738	R2-1802436	Basic procedure for BWP switching	Samsung	Jaehyuk Jang	46012	discussion	Agreement				10.3.1.2	MAC general aspects	19920	noted
739	R2-1802437	BFR-specific Random Access parameters	Samsung	Jaehyuk Jang	46012	discussion	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	24340	available
740	R2-1802438	UE autonomous BWP switching for configured UL resources	LG Electronics Inc.	Eunjong Lee	72552	discussion					10.3.1.2	MAC general aspects	19930	noted
741	R2-1802439	BWP switching upon TAT expiry	LG Electronics Inc.	Eunjong Lee	72552	discussion					10.3.1.2	MAC general aspects	20010	noted
742	R2-1802440	Clarification on BWP switching for CFRA	LG Electronics Inc.	Eunjong Lee	72552	discussion					10.3.1.4.3	Random access procedures	21450	noted
743	R2-1802441	Issues on CBRA in BWP operation	LG Electronics Inc.	Eunjong Lee	72552	discussion					10.3.1.4.3	Random access procedures	24400	not treated
744	R2-1802442	Discussion on differentiation of RACH parameters	OPPO	Shukun Wang	74871	discussion	Decision				10.3.1.4.1	Differentiation of RA parameters	35660	not treated
745	R2-1802443	Discussion on Access Control for On-Demand SI	OPPO	Lei Yixue	73172	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	27410	available
746	R2-1802444	Configuration of power control parameters during handover through CFRA	Qualcomm Incorporated	Peng Cheng	62902	discussion	Approval				10.4.1.5.3	Handover	24440	available
747	R2-1802445	Selective retransmission for PDCP data recovery	Samsung Electronics	Donggun Kim	64672	CR	Agreement				8.25	LTE TEI14 enhancements	27480	not pursued
748	R2-1802446	Selective retransmission for PDCP data recovery	Samsung Electronics	Donggun Kim	64672	CR	Agreement				8.25	LTE TEI14 enhancements	27490	not treated
749	R2-1802447	Further Discussion on Packet Duplication Considering SUL and Bandwidth Part	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.3.1.13	Other	22100	not treated
750	R2-1802448	The Impact of MCS/CQI Design for URLLC on UL Scheduling/LCP	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.3.1.7	LCP	19890	noted
751	R2-1802449	The Impact of Beam Sweeping on RRM Measurement	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.4.1.4.6	Other	24490	available
752	R2-1802450	The Necessity of T312 in NR	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.2.7	Mobility mechanisms - other	24500	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 089

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
737	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
738	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
739	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
740	14-Feb-18	15-Feb-18	R2-1801243					NR_newRAT-Core									
741	14-Feb-18	15-Feb-18	R2-1801246					NR_newRAT-Core									
742	14-Feb-18	15-Feb-18	R2-1801246					NR_newRAT-Core									
743	14-Feb-18	15-Feb-18						NR_newRAT-Core									
744	14-Feb-18	14-Feb-18	R2-1800074														
745	14-Feb-18	14-Feb-18						NR_newRAT-Core									
746	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
747	14-Feb-18	14-Feb-18			Rel-14	36.323	14.5.0	TEI14	0218		C						
748	14-Feb-18	14-Feb-18			Rel-15	36.323	14.5.0	TEI14	0219		A						
749	14-Feb-18	14-Feb-18															
750	14-Feb-18	14-Feb-18															
751	14-Feb-18	14-Feb-18	R2-1801372														
752	14-Feb-18	14-Feb-18	R2-1801373														

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 090

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
753	R2-1802451	Discussion on Speed-dependent Scaling of Measurement-related Parameters and Mobility History Reporting in NR	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.4.1.4.6	Other	24510	available
754	R2-1802452	Discussion on the Use of Alternative TTT in NR	Samsung Electronics	Jungmin Moon	58549	discussion	Discussion				10.4.1.4.6	Other	24520	available
755	R2-1802453	Latency reduction on V2X phase 2 for sidelink SPS Ues	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.4	Others	26990	available
756	R2-1802454	Latency reduction on V2X phase 2 for UEs using mode 4	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.4	Others	30140	available
757	R2-1802455	Discussion on SPS support with enhanced Carrier Aggregation	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26970	available
758	R2-1802456	Sidelink SPS confirmation for multiple SPS configurations	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.4	Others	30150	available
759	R2-1802457	Efficient broadcast indication mechanism	ETRI	KyoungSeok Lee	26185	discussion					10.4.1.6.6	On demand system information	27350	available
760	R2-1802458	[S035] Discussion on simplification of CSI-MeasConfig	Samsung Electronics	Byounghoon Jung	66662	discussion	Decision				10.4.3.2	ASN.1 issue documents	25070	available
761	R2-1802459	Discussion on aperiodic indications from beam failure recovery to assist RLF	Samsung Electronics	Byounghoon Jung	66662	discussion	Decision				10.2.8	Mobility - RLM,RLF	24590	available
762	R2-1802460	Discussion on NR C-DRX enhancement considering beamforming	Samsung Electronics	Byounghoon Jung	66662	discussion	Decision				10.2.14	Other	30030	available
763	R2-1802461	UE suspension to RRC_INACTIVE in MR dual connectivity	Samsung Electronics	Byounghoon Jung	66662	discussion	Decision				10.2.14	Other	30500	available
764	R2-1802462	Further considerations for bandwidth part	Samsung	Seung-hoon Park	58554	discussion					10.2.5	Bandwidth parts	33870	available
765	R2-1802463	Connected mobility aspects to support network slicing	Samsung	Seung-hoon Park	58554	discussion					10.2.11	Slicing	400500	available
766	R2-1802464	Further considerations for BWP switching	Samsung	Seung-hoon Park	58554	discussion					10.3.1.2	MAC general aspects	25880	not treated
767	R2-1802465	Corrections for BWP configuration	Samsung	Seung-hoon Park	58554	discussion					10.4.1.3.4	Connection reconfiguration procedures	24650	available
768	R2-1802466	RRM measurement configuration for BWP in NR	Samsung	Seung-hoon Park	58554	discussion					10.4.1.4.6	Other	24660	available
769	R2-1802467	RRM measurement for multiple numerologies in NR	Samsung	Seung-hoon Park	58554	discussion					10.4.1.4.6	Other	24670	available
770	R2-1802468	Further discussion on information for handover	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.4	Mobility mechanisms - basic handover	30210	available
771	R2-1802469	Analysis of solutions in LTE for 0ms interruption	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				4.1	Handover interruption time for LTE and NR	29810	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 091

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
753	14-Feb-18	14-Feb-18	R2-1801368														
754	14-Feb-18	14-Feb-18	R2-1801369														
755	14-Feb-18	14-Feb-18			Rel-15												
756	14-Feb-18	14-Feb-18			Rel-15												
757	14-Feb-18	14-Feb-18	R2-1713839		Rel-15												
758	14-Feb-18	14-Feb-18	R2-1713766		Rel-15												
759	14-Feb-18	14-Feb-18	R2-1801285														
760	14-Feb-18	14-Feb-18															
761	14-Feb-18	14-Feb-18	R2-1801413														
762	14-Feb-18	14-Feb-18	R2-1801414														
763	14-Feb-18	14-Feb-18	R2-1801417														
764	14-Feb-18	14-Feb-18			Rel-15												
765	14-Feb-18	14-Feb-18			Rel-15												
766	14-Feb-18	14-Feb-18			Rel-15												
767	14-Feb-18	14-Feb-18			Rel-15												
768	14-Feb-18	14-Feb-18			Rel-15												
769	14-Feb-18	14-Feb-18			Rel-15												
770	14-Feb-18	16-Feb-18	R2-1800547		Rel-15			NR_newRAT-Core									
771	14-Feb-18	16-Feb-18	R2-1801542		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 092

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
772	R2-1802470	Phased enhancement for 0ms interruption with DC based HO	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				4.1	Handover interruption time for LTE and NR	31320	available
773	R2-1802471	3 Types of HO in NR	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24710	available
774	R2-1802472	Further discussion on Conditional HO	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24720	available
775	R2-1802473	DC based NR scheme for 0ms interruption handover	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24730	available
776	R2-1802474	Security key change without L2 reset	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24740	available
777	R2-1802475	DC for intra-frequency mobility in NR	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24750	available
778	R2-1802476	Mobility enhancements for PCell change	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24760	available
779	R2-1802477	Potential Advantages of multi-connectivity with multiple MAC entities within an NR cell	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24770	available
780	R2-1802478	Inter MN handover without SN change	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.7	Mobility mechanisms - other	24780	available
781	R2-1802479	Inter-RAT handover between LTE and NR	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.9	Mobility - Inter-RAT	34320	available
782	R2-1802480	Message content in inter-RAT handover	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.2.9	Mobility - Inter-RAT	24790	noted
783	R2-1802481	On the design I-RNTI	Huawei, HiSilicon	Jialin Zou	72263	discussion	Decision				10.4.1.7.7	Inactive - other	20970	available
784	R2-1802482	Power saving impacts from relaxed monitoring for cell reselection	III	Yi-Ting Lin	43482	discussion	Decision	In this contribution we discussed the impact of relaxed monitoring on existing power saving mode (PSM) and proposed with a criterion for relaxed monitoring.			9.13.4	Relaxed Monitoring for cell reselection	21710	not treated
785	R2-1802483	[RIL S033] RLM signalling in SpCellConfig IE	Samsung	June Hwang	60033	discussion	Decision				10.4.3.2	ASN.1 issue documents	25520	noted
786	R2-1802484	Draft CR for RLM configuration addition in 38.331	Samsung	June Hwang	60033	discussion	Decision				10.4.3.2	ASN.1 issue documents	26190	available
787	R2-1802485	[RIL S034] RLM signalling for BWP	Samsung	June Hwang	60033	discussion	Decision				10.4.3.2	ASN.1 issue documents	26200	revised
788	R2-1802486	Introduction of Conditional handover	Samsung	June Hwang	60033	discussion	Decision				10.2.7	Mobility mechanisms - other	24860	available
789	R2-1802487	Operational aspects of conditional handover mechanism	Samsung	June Hwang	60033	discussion	Decision				10.2.7	Mobility mechanisms - other	24870	available
790	R2-1802488	UE Assistance Information for energy efficiency enhancement	Samsung	June Hwang	60033	discussion	Decision				10.4.1.7.7	Inactive - other	29300	available
791	R2-1802489	Text proposal for SUL PHR MAC CE	Huawei, HiSilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.12	PHR	18990	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 093

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
772	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
773	14-Feb-18	16-Feb-18	R2-1800548		Rel-15			NR_newRAT-Core									
774	14-Feb-18	16-Feb-18	R2-1800549		Rel-15			NR_newRAT-Core									
775	14-Feb-18	16-Feb-18	R2-1800550		Rel-15			NR_newRAT-Core									
776	14-Feb-18	16-Feb-18	R2-1800552		Rel-15			NR_newRAT-Core									
777	14-Feb-18	16-Feb-18	R2-1800553		Rel-15			NR_newRAT-Core									
778	14-Feb-18	16-Feb-18	R2-1800554		Rel-15			NR_newRAT-Core									
779	14-Feb-18	16-Feb-18	R2-1800555		Rel-15			NR_newRAT-Core									
780	14-Feb-18	16-Feb-18	R2-1800556		Rel-15			NR_newRAT-Core									
781	14-Feb-18	16-Feb-18	R2-1800558		Rel-15			NR_newRAT-Core									
782	14-Feb-18	16-Feb-18	R2-1800559		Rel-15			NR_newRAT-Core									
783	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
784	14-Feb-18	14-Feb-18						NB_IOTenh2									
785	14-Feb-18	19-Feb-18			Rel-15			NR_newRAT-Core									
786	14-Feb-18	19-Feb-18			Rel-15			NR_newRAT-Core									
787	14-Feb-18	14-Feb-18		R2-1804028	Rel-15			NR_newRAT-Core									
788	14-Feb-18	14-Feb-18	R2-1801493		Rel-15			NR_newRAT-Core									
789	14-Feb-18	14-Feb-18	R2-1801494		Rel-15			NR_newRAT-Core									
790	14-Feb-18	14-Feb-18	R2-1801495		Rel-15			NR_newRAT-Core									
791	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 094

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
792	R2-1802490	Discussion for beam failure recovery under CA	CATT, Huawei, Hisilicon	Yinghao Guo	72226	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	24370	available
793	R2-1802491	Mobility scaling in cell reselection for NR	vivo	LI CHEN	70878	discussion	Discussion				10.4.5.5	Selection/reselection - other aspects	24910	available
794	R2-1802492	Issues with parallel RACH and SR	Nokia, Nokia Shanghai Bell	Chunli Wu	73601	discussion	Discussion				10.3.1.5	SR	19520	noted
795	R2-1802493	Remaining MAC issues on duplication	Nokia, Nokia Shanghai Bell	Chunli Wu	73601	discussion	Discussion				10.3.1.11	Impact of PDCP duplication on MAC	18970	not treated
796	R2-1802494	Further consideration on INACTIVE feature	LG Electronics France	Bokyung Byun	69510	discussion					10.4.1.7.7	Inactive - other	18770	available
797	R2-1802495	DataInactivityTimer for INACTIVE in eLTE	LG Electronics France	Bokyung Byun	69510	discussion					9.7.3.1	Inactive state	24950	available
798	R2-1802496	oexistence with DSRC carrier	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	36180	withdrawn
799	R2-1802497	PLMN selection in RRC_INACTIVE	LG Electronics France	Bokyung Byun	69510	discussion					10.4.1.7.7	Inactive - other	23680	available
800	R2-1802498	PDCP version change in eLTE	LG Electronics France	Bokyung Byun	69510	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	20530	available
801	R2-1802499	Coexistence with DSRC carrier	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	26980	available
802	R2-1802500	Miscellaneous Corrections & Additions	Rapporteur (Nokia)	Benoist SEBIRE	68461	CR	Approval	=> Offline#08 (Nokia)			10.2.1	Stage 2 TSs and running CR	23920	revised
803	R2-1802501	NR Stage 2 Open Issues	Rapporteur (Nokia)	Benoist SEBIRE	68461	discussion	Discussion				10.2.1	Stage 2 TSs and running CR	23940	noted
804	R2-1802502	Default QoS Profile	Nokia, Nokia Shanghai Bell	Benoist SEBIRE	68461	discussion	Discussion				10.2.12	QoS	31530	available
805	R2-1802503	Regarding Fixed LCP Restrictions	Nokia, Ericsson, Nokia Shanghai Bell	Benoist SEBIRE	68461	discussion	Discussion				10.3.1.7	LCP	18960	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 095

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
792	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
793	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
794	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
795	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
796	14-Feb-18	14-Feb-18	R2-1801352		Rel-15			NR_newRAT-Core									
797	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
798	14-Feb-18				Rel-15			LTE_eV2X-Core									
799	14-Feb-18	14-Feb-18	R2-1801354		Rel-15			NR_newRAT-Core									
800	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
801	14-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
802	14-Feb-18	16-Feb-18		R2-1803877	Rel-15	38.300	15.0.0	NR_newRAT	0009		F						
803	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
804	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
805	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 096

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
806	R2-1802504	QoS Flow Remapping	Nokia, Huawei, HiSilicon, Nokia Shanghai Bell	Benoist SEBIRE	68461	discussion	Discussion				10.3.4.3	QoS flow remapping and handover	17970	noted
807	R2-1802505	New QoS flow on the Default Bearer	Nokia, Mediatek, Nokia Shanghai Bell	Benoist SEBIRE	68461	discussion	Discussion				10.3.4.4	Others	34880	not treated
808	R2-1802506	Remaining issues on change of System Information in NR	Ericsson	Janne Peisa	33372	discussion					10.4.1.6.4	System information modification	25060	available
809	R2-1802507	Correction on MN terminated SCG RLC bearer (L010)	LG Electronics France	Bokyung Byun	69510	discussion					10.4.3.2	ASN.1 issue documents	26210	available
810	R2-1802508	Consideration on MICO mode for RRC_INACTIVE	LG Electronics France	Bokyung Byun	69510	discussion	Discussion				10.4.1.7.7	Inactive - other	29360	available
811	R2-1802509	Text proposal to 36.331 on NR specific SIB	Ericsson	Janne Peisa	33372	discussion					10.4.2.3	Corrections to other EN-DC aspects	36300	available
812	R2-1802510	Support for PLMN selection while in INACTIVE state in eLTE	LG Electronics Inc.	Bokyung Byun	69510	discussion	Discussion				9.7 3.5	Other	25100	available
813	R2-1802511	Offloading UEs in RRC_INACTIVE	LG Electronics France	Bokyung Byun	69510	discussion	Discussion				10.4.1.7.7	Inactive - other	30170	available
814	R2-1802512	Anchor relocation in RRC_INACTIVE	LG Electronics France	Bokyung Byun	69510	discussion					10.4.1.7.7	Inactive - other	30230	available
815	R2-1802513	Running 36.304 CR for LTE connectivity to 5GCN	Huawei	Lei Liu	59582	draftCR	Endorsement				9.7.1	Organisational	25130	revised
816	R2-1802514	Initial CN type selection procedure	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	26280	available
817	R2-1802515	Draft LS on CN type information provided by AS to NAS	Huawei	Lei Liu	59582	LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	26290	available
818	R2-1802516	Discussion on 5G TAC broadcasted in SI	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	20630	noted
819	R2-1802517	Discussion on network identifiers	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	17810	available
820	R2-1802518	Discussion on PLMN list design	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	26300	available
821	R2-1802519	Draft LS on 5G TAC	Huawei	Lei Liu	59582	LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	20650	available
822	R2-1802520	Discussion on SSTD measurement configuration for non-configured cell	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				10.4.2.2	Corrections to RRM measurements for EN-DC	32530	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 097

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
806	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
807	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
808	14-Feb-18	15-Feb-18															
809	14-Feb-18	14-Feb-18						NR_newRAT-Core									
810	14-Feb-18	14-Feb-18	R2-1801356		Rel-15			NR_newRAT-Core									
811	14-Feb-18	15-Feb-18															
812	14-Feb-18	14-Feb-18	R2-1713632		Rel-15			LTE_5GCN_connect-Core									
813	14-Feb-18	14-Feb-18	R2-1801360		Rel-15			NR_newRAT-Core									
814	14-Feb-18	14-Feb-18	R2-1801353		Rel-15			NR_newRAT-Core									
815	14-Feb-18	14-Feb-18		R2-1803986	Rel-15	36.304	14.5.0	LTE_5GCN_connect-Core			B						
816	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
817	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core						CT1			
818	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
819	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
820	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									
821	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core						SA2			
822	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 098

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
823	R2-1802521	DRB ID allocation for Option 4 and 7	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				10.2.14	Other	30600	available
824	R2-1802522	Remaining issues on Secondary RAT data volume counting	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision	=> Offline#11 (Huawei)			10.2.2.2	Other	25300	noted
825	R2-1802523	Remaining issue on the measurement gap for ENDC	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision	=> Should be first discussed in RAN4			10.4.1.4.2	Measurement gaps for EN-DC	26520	noted
826	R2-1802524	User plane integrity protection check failure handling in SCG	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				10.2.10	Security (non EN-DC)	27980	available
827	R2-1802525	CR on 36 331 for UP IP check failure handling in SCG	Huawei, HiSilicon	Lei Liu	59582	draftCR	Endorsement				10.4.1.10	Other (non EN-DC)	25250	available
828	R2-1802526	CR on 38 331 for UP IP check failure handling in SCG	Huawei, HiSilicon	Lei Liu	59582	draftCR	Endorsement				10.4.1.10	Other (non EN-DC)	25260	available
829	R2-1802527	CR on 37 340 for UP IP check failure handling in SCG	Huawei, HiSilicon	Lei Liu	59582	draftCR	Endorsement				10.2.10	Security (non EN-DC)	27990	available
830	R2-1802528	Discussion on NR DC modelling	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				10.2.14	Other	32100	available
831	R2-1802529	Remaining issues of inter node message	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision				10.4.1.3.1	Corrections to connection control for EN-DC	25290	noted
832	R2-1802530	Clarification of the NR RRC configuration response	Huawei, HiSilicon	Lei Liu	59582	discussion	Decision	=> Offline#12 (ZTE)			10.2.2.2	Other	387900	noted
833	R2-1802531	Draft LS on NR RRC configuration response message	Huawei, HiSilicon	Lei Liu	59582	LS out	Approval	=> Offline#13 (Huawei)			10.2.2.2	Other	387901	revised
834	R2-1802532	Impacts of ConfiguredGrantTimer in DRX	Huawei Telecommunication India	Baokun Shan	70626	discussion	Decision				10.3.1.10	DRX	21480	noted
835	R2-1802533	Timer handling of RAN-based location area update	LG Electronics France	Bokyung Byun	69510	discussion					10.4.1.7.3	RAN area update procedure	27940	available
836	R2-1802534	Paging for a UE in RRC_INACTIVE	LG Electronics France	Bokyung Byun	69510	discussion	Discussion				10.4.1.7.4	Paging in inactive	27390	available
837	R2-1802535	Impacts of new RNTIs and beam failure recovery in DRX	Huawei Telecommunication India	Baokun Shan	70626	discussion	Decision				10.3.1.10	DRX	25320	noted
838	R2-1802536	Consideration on security aspect for inactive UEs	LG Electronics France	Bokyung Byun	69510	discussion					10.4.1.7.6	Security framework for inactive	20460	noted
839	R2-1802537	Simplification of RRC messages for NR	LG Electronics France	Bokyung Byun	69510	discussion	Discussion				10.4.1.3.2	Connection control message harmonisation	28160	available
840	R2-1802538	Enhanced MSE using tier for aerial UE	LG Electronics Mobile Research	YEJEE LEE	75579	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	28070	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 099

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
823	14-Feb-18	14-Feb-18	R2-1800725		Rel-15			NR_newRAT-Core									
824	14-Feb-18	14-Feb-18	R2-1800726		Rel-15			NR_newRAT-Core									
825	14-Feb-18	14-Feb-18	R2-1800727		Rel-15			NR_newRAT-Core									
826	14-Feb-18	14-Feb-18	R2-1800729		Rel-15			NR_newRAT-Core									
827	14-Feb-18	14-Feb-18			Rel-15	36.331	15.0.1	NR_newRAT-Core									
828	14-Feb-18	14-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core									
829	14-Feb-18	14-Feb-18	R2-1800732		Rel-15	37.340	15.0.0	NR_newRAT-Core									
830	14-Feb-18	14-Feb-18	R2-1800735		Rel-15			NR_newRAT-Core									
831	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
832	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
833	14-Feb-18	14-Feb-18		R2-1803880	Rel-15			NR_newRAT-Core						RAN3			
834	14-Feb-18	15-Feb-18															
835	14-Feb-18	14-Feb-18	R2-1801357		Rel-15			NR_newRAT-Core									
836	14-Feb-18	14-Feb-18	R2-1801363		Rel-15			NR_newRAT-Core									
837	14-Feb-18	15-Feb-18															
838	14-Feb-18	14-Feb-18	R2-1801361		Rel-15			NR_newRAT-Core									
839	14-Feb-18	14-Feb-18	R2-1801362		Rel-15			NR_newRAT-Core									
840	14-Feb-18	14-Feb-18						LTE_Aerial-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 100

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
841	R2-1802539	MDT exception for reducing power consumption	LG Electronics Mobile Research	YEJEE LEE	75579	discussion					9.19	Bluetooth/WLAN measurement collection in MDT	28770	noted
842	R2-1802540	Area ID and details on value tag message structure for NR	Gemalto N.V.	Volker Breuer	61062	discussion	Decision				10.4.1.6.3	Stored system information	31270	available
843	R2-1802541	Support of DC based handover with conditional handover for 0ms interruption	LG Electronics Mobile Research	YEJEE LEE	75579	discussion					10.2.7	Mobility mechanisms - other	25410	available
844	R2-1802542	Support of RACH-less handover in NR	LG Electronics Mobile Research	YEJEE LEE	75579	discussion					10.2.7	Mobility mechanisms - other	25420	available
845	R2-1802543	Considering slice availability for inter-frequency cell re-selection	Gemalto N.V.	Volker Breuer	61062	discussion	Decision				10.2.11	Slicing	22620	available
846	R2-1802544	Improved Access and Load control for Idle Mode UEs	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				9.14.5	Access/load control of idle mode UEs	25440	available
847	R2-1802545	Remaining issue on BWP timer	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.3.1.2	MAC general aspects	30620	not treated
848	R2-1802546	Padding value in TS38.321	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.3.1.3	MAC PDU format	31180	not treated
849	R2-1802547	Preamble selection in TS38.321	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.3.1.4.3	Random access procedures	24410	noted
850	R2-1802548	MAC header shortening	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	31190	not treated
851	R2-1802549	RLC header shortening	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.3.2.3	Impact of PDCP duplication to RLC	31610	available
852	R2-1802550	State estimation and preventing fast moving UEs from entering small cells	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	25500	available
853	R2-1802551	Deactivation aspects for PDCP packet duplication based on uplink split bearer	III	Feng Ming Yang	60304	discussion					10.3.3.5	PDCP duplication	29550	not treated
854	R2-1802552	36.331 RIL M015	MediaTek Inc.	Chun-Fan Tsai	73920	discussion	Decision				10.4.3.2	ASN.1 issue documents	389500	withdrawn
855	R2-1802553	Discussion on On-demand system information request in NR	ASUSTEK COMPUTER (SHANGHAI)	Stephen Chen	59049	discussion					10.4.1.6.6	On demand system information	28210	available
856	R2-1802554	Discussion on beam failure recovery request in NR	ASUSTEK COMPUTER (SHANGHAI)	Stephen Chen	59049	discussion					10.3.1.13	Other	24480	not treated
857	R2-1802555	Standalone enhancements	Ericsson	Martin Van Der Zee	58600	discussion					9.13.10	Other	20560	available
858	R2-1802556	Introduction of standalone enhancements	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	20610	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 101

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
841	14-Feb-18	14-Feb-18						LTE_MDT_BT_WLAN-Core									
842	14-Feb-18	14-Feb-18	R2-1712244														
843	14-Feb-18	14-Feb-18						NR_newRAT-Core									
844	14-Feb-18	14-Feb-18						NR_newRAT-Core									
845	14-Feb-18	14-Feb-18	R2-1800185														
846	14-Feb-18	15-Feb-18	R2-1712976		Rel-15			LTE_eMTC4-Core									
847	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
848	14-Feb-18	16-Feb-18	R2-1800312		Rel-15			NR_newRAT-Core									
849	14-Feb-18	16-Feb-18	R2-1800310		Rel-15			NR_newRAT-Core									
850	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
851	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
852	14-Feb-18	16-Feb-18	R2-1800316		Rel-15			NR_newRAT-Core									
853	14-Feb-18	14-Feb-18			Rel-15												
854	14-Feb-18				Rel-15			NR_newRAT-Core									
855	14-Feb-18	14-Feb-18	R2-1800041					NR_newRAT-Core									
856	14-Feb-18	14-Feb-18	R2-1800042					NR_newRAT-Core									
857	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
858	14-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	NB_IOTenh2-Core			B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 102

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
859	R2-1802557	Introduction of standalone enhancements	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	20620	available
860	R2-1802558	Introduction of standalone enhancements	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	22300	available
861	R2-1802559	Relaxed Monitoring in NB-IoT	Ericsson	Martin Van Der Zee	58600	discussion					9.13.4	Relaxed Monitoring for cell reselection	21340	noted
862	R2-1802560	Correction to relaxed monitoring in NB-IoT	Ericsson	Martin Van Der Zee	58600	CR					9.13.4	Relaxed Monitoring for cell reselection	25610	not treated
863	R2-1802561	Relaxed Monitoring in MTC	Ericsson	Martin Van Der Zee	58600	discussion					9.13.4	Relaxed Monitoring for cell reselection	21700	noted
864	R2-1802562	Introduction of relaxed monitoring for BL and CE UE	Ericsson, BlackBerry UK Limited	Martin Van Der Zee	58600	CR					9.13.4	Relaxed Monitoring for cell reselection	25620	available
865	R2-1802563	Introduction of relaxed monitoring for BL and CE UE	Ericsson, BlackBerry UK Limited	Martin Van Der Zee	58600	CR					9.13.4	Relaxed Monitoring for cell reselection	25630	available
866	R2-1802564	Introduction of relaxed monitoring for BL and CE UE	Ericsson	Martin Van Der Zee	58600	CR					9.13.4	Relaxed Monitoring for cell reselection	25640	revised
867	R2-1802565	UE feedback enhancements	Ericsson	Martin Van Der Zee	58600	discussion					9.13.10	Other	22320	available
868	R2-1802566	Introduction of enhanced PHR reporting	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	25570	available
869	R2-1802567	Introduction of enhanced PHR reporting	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	25560	available
870	R2-1802568	Introduction of enhanced PHR reporting	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.10	Other	25550	available
871	R2-1802569	LS on enhanced PHR reporting in NB-IoT	Ericsson	Martin Van Der Zee	58600	LS out					9.13.10	Other	25580	available
872	R2-1802570	Measurement reporting in NB-IoT	Ericsson	Martin Van Der Zee	58600	discussion					8.11	WI: Enhancements of NB-IoT	17390	available
873	R2-1802571	Introduction of Idle mode measurements reporting	Ericsson	Martin Van Der Zee	58600	draftCR					8.11	WI: Enhancements of NB-IoT	17460	available
874	R2-1802572	Introduction of Idle mode measurements reporting	Ericsson	Martin Van Der Zee	58600	draftCR					8.11	WI: Enhancements of NB-IoT	22390	available
875	R2-1802573	LS on Idle mode measurements reporting in NB-IoT	Ericsson	Martin Van Der Zee	58600	LS out	Approval				8.11	WI: Enhancements of NB-IoT	22760	available
876	R2-1802574	Quick RRC connection release	Ericsson	Martin Van Der Zee	58600	discussion					9.13.6	RRC Connection Release Enhancements	25760	available
877	R2-1802575	Introduction of timer based release	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.6	RRC Connection Release Enhancements	25770	available
878	R2-1802576	Introduction of timer based release	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.6	RRC Connection Release Enhancements	25780	available
879	R2-1802577	Introduction of timer based release	Ericsson	Martin Van Der Zee	58600	draftCR					9.13.6	RRC Connection Release Enhancements	25790	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 103

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
859	14-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	NB_IOTenh2-Core			B						
860	14-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	NB_IOTenh2-Core			B						
861	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
862	14-Feb-18	16-Feb-18			Rel-14	36.304	14.5.0	NB_IOTenh-Core, TEI14	0404		F						
863	14-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
864	14-Feb-18	16-Feb-18			Rel-14	36.304	14.5.0	LTE_feMTC-Core, TEI14	0405		C						
865	14-Feb-18	16-Feb-18			Rel-14	36.306	14.5.0	LTE_feMTC-Core, TEI14	1552		C						
866	14-Feb-18	16-Feb-18		R2-1803983	Rel-14	36.331	14.5.1	LTE_feMTC-Core, TEI14	3237		C						
867	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
868	14-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	NB_IOTenh2-Core			C						
869	14-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	NB_IOTenh2-Core			C						
870	14-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	NB_IOTenh2-Core			C						
871	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core						RAN4			
872	14-Feb-18	16-Feb-18			Rel-14			NB_IOTenh-Core									
873	14-Feb-18	16-Feb-18			Rel-14	36.306	14.5.0	NB_IOTenh-Core, TEI14			C						
874	14-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	NB_IOTenh-Core, TEI14			C						
875	14-Feb-18	16-Feb-18			Rel-14			NB_IOTenh-Core						RAN4			
876	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
877	14-Feb-18	16-Feb-18	R2-1713025		Rel-15	36.306	14.5.0	NB_IOTenh2-Core			B						
878	14-Feb-18	16-Feb-18	R2-1713026		Rel-15	36.321	15.0.0	NB_IOTenh2-Core			B						
879	14-Feb-18	16-Feb-18	R2-1713027		Rel-15	36.331	15.0.1	NB_IOTenh2-Core			B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 104

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
880	R2-1802578	Successful acknowledgement of RRCConnectionRelease for BL and CE UE	Ericsson	Martin Van Der Zee	58600	CR					9.13.6	RRC Connection Release Enhancements	25740	available
881	R2-1802579	Successful acknowledgement of RRCConnectionRelease for BL and CE UE	Ericsson	Martin Van Der Zee	58600	CR					9.13.6	RRC Connection Release Enhancements	25750	available
882	R2-1802580	Dense PRS configurations	Ericsson	Martin Van Der Zee	58600	discussion					9.14.10	Other	25800	available
883	R2-1802581	High quality criterion in NB-IoT	Ericsson	Martin Van Der Zee	58600	discussion					9.13.10	Other	25690	noted
884	R2-1802582	LS on high quality signal threshold in NB-IoT and EC-GSM	Ericsson	Martin Van Der Zee	58600	LS out					9.13.10	Other	25810	available
885	R2-1802583	UE differentiation way forward	Ericsson, Vodafone	Martin Van Der Zee	58600	discussion					9.13.7	UE differentiation	22270	noted
886	R2-1802584	[DRAFT] LS on UE differentiation in NB-IoT	Ericsson	Martin Van Der Zee	58600	LS out					9.13.7	UE differentiation	26020	revised
887	R2-1802585	UE differentiation open issues	Ericsson	Martin Van Der Zee	58600	discussion					9.13.7	UE differentiation	25840	noted
888	R2-1802586	Wake Up Signal in NB-IoT and MTC	Ericsson	Martin Van Der Zee	58600	discussion					9.13.9	Wake Up Signal	22240	available
889	R2-1802587	Parallel RA procedure and SR procedure	ASUSTEK COMPUTER (SHANGHAI)	Stephen Chen	59049	discussion					10.3.1.5	SR	25890	noted
890	R2-1802588	Corrections to MAC entities for EN-DC in TS 36.321	Huawei, HiSilicon, NTT DOCOMO, INC	Chong Lou	72227	draftCR	Approval				10.3.1.2	MAC general aspects	35630	not treated
891	R2-1802589	[DRAFT] LS to RAN1 on handling parallel RA procedure and SR procedure	ASUSTEK COMPUTER (SHANGHAI)	Stephen Chen	59049	LS out	Approval				10.3.1.5	SR	26250	revised
892	R2-1802590	Handling of UP integrity protection failure	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.2.10	Security (non EN-DC)	28000	available
893	R2-1802591	NR re-establishment procedure	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.3.5	Other	25910	available
894	R2-1802592	Handling of suspend failure	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.3.4	Connection reconfiguration procedures	25920	available
895	R2-1802593	Handling of resume failure	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.3.3	Connection establishment procedures	28120	available
896	R2-1802594	RNAU Failure clarification	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.7.3	RAN area update procedure	28230	available
897	R2-1802595	UE context handling during inter RAT handover	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.2.9	Mobility - Inter-RAT	25950	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 105

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
880	14-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_feMTC-Core, TEI14	3238		F						
881	14-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_feMTC-Core, TEI14	3239		A						
882	14-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
883	14-Feb-18	16-Feb-18	R2-1713031		Rel-15			NB_IOTenh2-Core									
884	14-Feb-18	16-Feb-18	R2-1713032		Rel-15			NB_IOTenh2-Core						RAN4, RAN6	CT1		
885	14-Feb-18	16-Feb-18	R2-1713029		Rel-15			NB_IOTenh2-Core									
886	14-Feb-18	16-Feb-18	R2-1713030	R2-1803813	Rel-15			NB_IOTenh2-Core						RAN3, SA2	CT1		
887	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
888	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core									
889	14-Feb-18	14-Feb-18						NR_newRAT-Core									
890	14-Feb-18	14-Feb-18			Rel-15	36.321	15.0.0	NR_newRAT-Core									
891	14-Feb-18	14-Feb-18		R2-1803856				NR_newRAT-Core						RAN1			
892	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
893	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
894	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
895	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
896	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
897	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 106

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
898	R2-1802596	Discussion on redirection information	Google Inc.	Eric CHEN	76167	discussion					9.7 3.5	Other	25960	available
899	R2-1802597	Discussion on cell reselection and system information acquisition	Google Inc.	Eric CHEN	76167	discussion					9.7 3.5	Other	25970	available
900	R2-1802598	Discussion and TP on RRC Information IEs	Google Inc.	Jing-Rong Hsieh	76166	discussion					10.4.1.3.1	Corrections to connection control for EN-DC	25980	noted
901	R2-1802599	Packet Duplication for the Sidelink Carrier Aggregation	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	27320	available
902	R2-1802600	Consideration on Required Reliability for Tx carrier selection	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29010	available
903	R2-1802601	LCID Mapping for Packet Duplication in Sidelink Carrier Aggregation	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19570	noted
904	R2-1802602	Discussion on UE differentiation	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.13.7	UE differentiation	25830	noted
905	R2-1802603	EDT TBS dermination	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.14.2	Early data transmission	22220	available
906	R2-1802604	Measurement gap handling in EN-DC	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision				10.4.1.4.2	Measurement gaps for EN-DC	37610	available
907	R2-1802605	NR MIMO capability	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision				10.4.4.2	UE capabilities for EN DC	395400	withdrawn
908	R2-1802606	Voice over NR Feature Planning	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision				10.2.14	Other	20810	noted
909	R2-1802607	DRAFT LS on VoNR Feature Plan	Qualcomm Incorporated	Masato Kitazoe	29801	LS out	Approval				10.2.14	Other	22020	available
910	R2-1802608	VoNR TBS analysis	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision				10.2.14	Other	22870	available
911	R2-1802609	IDC indication for EN-DC	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision				10.4.2.3	Corrections to other EN-DC aspects	24150	available
912	R2-1802610	RLC UM for NB-IoT open issues	Ericsson	Martin Van Der Zee	58600	discussion					9.13.10	Other	25660	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 107

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
898	14-Feb-18	14-Feb-18				36.331		LTE_5GCN_connect-Core									
899	14-Feb-18	14-Feb-18				36.331		LTE_5GCN_connect-Core									
900	14-Feb-18	14-Feb-18				38.331		NR_newRAT-Core									
901	14-Feb-18	14-Feb-18			Rel-15												
902	14-Feb-18	14-Feb-18			Rel-15												
903	14-Feb-18	15-Feb-18			Rel-15												
904	14-Feb-18	15-Feb-18															
905	14-Feb-18	15-Feb-18															
906	14-Feb-18	16-Feb-18	R2-1800903		Rel-15			NR_newRAT									
907	14-Feb-18		R2-1800904		Rel-15			NR_newRAT									
908	14-Feb-18	16-Feb-18	R2-1800905		Rel-15			NR_newRAT									
909	14-Feb-18	16-Feb-18	R2-1800906		Rel-15			NR_newRAT						SA2, RAN1, RAN3	CT1		
910	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
911	14-Feb-18	16-Feb-18	R2-1800908		Rel-15			NR_newRAT									
912	14-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 108

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
913	R2-1802611	EDT RACH Fallback	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.14.2	Early data transmission	32980	available
914	R2-1802612	MAC CEs definition for NR MIMO	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				10.3.1.3	MAC PDU format	32060	not treated
915	R2-1802613	System Information update and BWP operation	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				10.2.5	Bandwidth parts	20400	available
916	R2-1802614	[DRAFT] LS on UAV UE identification	Nokia	Dawid Koziol	68362	LS out	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	23060	available
917	R2-1802615	UE's airborne status indication	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	32170	available
918	R2-1802616	ANR for SA and NSA	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				10.2.7	Mobility mechanisms - other	26160	available
919	R2-1802617	NB-IoT Idle mode SPS for M2M regular reporting	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.13.5	Semi-Persistent Scheduling	36970	available
920	R2-1802618	Connected Mode SPS	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.13.5	Semi-Persistent Scheduling	29950	available
921	R2-1802619	Discussion on RLM threshold change (RILNo C105)	CATT	Jiangsheng Fan	75023	discussion					10.4.3.2	ASN.1 issue documents	26410	noted
922	R2-1802620	Measurement quantity for ordering in MR and SCG failure report (RILNo C112, C121)	CATT	Jiangsheng Fan	75023	discussion					10.4.3.2	ASN.1 issue documents	26440	available
923	R2-1802621	Frequency Info in MO and SCG Failure Report (RILNo C113, C114, C115)	CATT	Jiangsheng Fan	75023	discussion					10.4.3.2	ASN.1 issue documents	26480	available
924	R2-1802622	L1 Scheduling Request by SPS	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.13.10	Other	28390	available
925	R2-1802623	Early Contention Resolution and RRC Resume	MediaTek Beijing Inc.	Johan Johansson	44956	discussion		=> Offline#300 (Ericsson): support for ECR is optional or not => Offline#301 (MediaTek): Related CRs			7.2	WI: Narrowband IOT	19450	noted
926	R2-1802624	Issue of triggering SR when UL-SCH resources are available for BSR and TP for TS38.321	Samsung R&D Institute UK	Milos Tesanovic	66723	discussion					10.3.1.6	BSR	18120	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 109

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
913	14-Feb-18	15-Feb-18															
914	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
915	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
916	14-Feb-18	16-Feb-18			Rel-15			LTE_Aerial-Core						RAN3, SA2	SA1		
917	14-Feb-18	16-Feb-18			Rel-15			LTE_Aerial-Core									
918	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
919	14-Feb-18	15-Feb-18															
920	14-Feb-18	15-Feb-18															
921	14-Feb-18	19-Feb-18															
922	14-Feb-18	19-Feb-18															
923	14-Feb-18	19-Feb-18															
924	14-Feb-18	15-Feb-18															
925	14-Feb-18	15-Feb-18															
926	14-Feb-18	14-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 110

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
927	R2-1802625	Fixing the SR cancellation mechanism in NR and TP for TS38.321	Samsung R&D Institute UK	Milos Tesanovic	66723	discussion					10.3.1.5	SR	25870	noted
928	R2-1802626	CP Latency Reduction using Early Data Transmission	MediaTek Beijing Inc.	Johan Johansson	44956	discussion					9.21.1	CP latency for LTE	35130	available
929	R2-1802627	Clarifying LCP mapping restrictions and TP for TS38.321	Samsung R&D Institute UK	Milos Tesanovic	66723	discussion					10.3.1.7	LCP	24470	noted
930	R2-1802628	Draft LS on Security aspects of supporting LTE connected to 5GC	Ericsson	Malik Wahaj Arshad	72857	LS out	Discussion				9.7.2	Stage 2 aspects independent from NR/5GC	21120	available
931	R2-1802629	Implicit target CN Type indication during a handover command	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	31210	available
932	R2-1802630	Handling of NR PDCP and Security Mode Command for LTE connected to 5GC	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				9.7 2	Stage 2 aspects independent from NR/5GC	20480	available
933	R2-1802631	Handling of Collision betweem UE Identifier in LTE connected to 5GC	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				9.7.2	Stage 2 aspects independent from NR/5GC	17760	noted
934	R2-1802632	Message 3.5 in LTE connected to 5GC	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				9.7.2	Stage 2 aspects independent from NR/5GC	31300	available
935	R2-1802633	Coordination of I-RNTI/Resume ID's across RAT's	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	29310	available
936	R2-1802634	Multiplexing NAS messages with MSG 3	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				10.4.1.3.5	Other	26340	available
937	R2-1802635	Signalling aspects of network slicing	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion	=> Offline#46 (Ericsson)			10.2.11	Slicing	24630	noted
938	R2-1802636	Slice availability	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				10.2.11	Slicing	22630	available
939	R2-1802637	Key refresh at handover in NR	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				10.2.10	Security (non EN-DC)	397300	available
940	R2-1802638	Size of MSG3 in NR	Ericsson	Malik Wahaj Arshad	72857	discussion	Discussion				10.4.1.3.5	Other	26380	available
941	R2-1802639	Draft LS on MSG3 size	Ericsson	Malik Wahaj Arshad	72857	LS out	Discussion				10.4.1.3.5	Other	26390	available
942	R2-1802640	LS on Emergency Fallback from NR to LTE	Ericsson	Malik Wahaj Arshad	72857	LS out	Discussion				10.2.14	Other	23570	available
943	R2-1802641	SCG failure measurements (TP to 38.331)	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27640	available
944	R2-1802642	RRC procedures for inter-RAT mobility from E-UTRA to NR	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.2.9	Mobility - Inter-RAT	17870	noted
945	R2-1802643	RRC procedures for inter-RAT mobility from NR to E-UTRA	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.2.9	Mobility - Inter-RAT	21210	noted
946	R2-1802644	Default NR PDCP config for SRBs (TP to 38.331)	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.3.2	ASN.1 issue documents	20160	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 111

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
927	14-Feb-18	14-Feb-18															
928	14-Feb-18	15-Feb-18															
929	14-Feb-18	14-Feb-18															
930	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core					SA3, CT1	SA3, CT1			
931	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
932	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
933	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
934	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
935	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
936	14-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
937	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
938	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
939	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
940	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
941	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core						RAN1			
942	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core						SA2			
943	14-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
944	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
945	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
946	14-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 112

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
947	R2-1802645	Measurement configurations and signaling for fast setup	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.4.6	Other	26450	available
948	R2-1802646	Support of SRB3 for NR-NR DC	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.2.14	Other	32410	available
949	R2-1802647	Assistance information for measurement capability and gap coordination	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.4.2	Measurement gaps for EN-DC	26040	noted
950	R2-1802648	Procedures for measurement gap configuration (TP to 38.331)	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27770	available
951	R2-1802649	Remaining issues on SCG Failure (TP to 36.331)	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.5.2	SCG failure for EN-DC	26500	available
952	R2-1802650	SCell-RLF discussion (TP to 38.331)	Ericsson	Oumer Teyeb	47021	discussion	Discussion				10.4.1.5.2	SCG failure for EN-DC	28180	available
953	R2-1802651	Measurement gap pattern in unsynchronized network	Ericsson	Oumer Teyeb	47021	discussion	Discussion	=> Should be first discussed in RAN4			10.4.1.4.2	Measurement gaps for EN-DC	27910	noted
954	R2-1802652	[DRAFT] LS to RAN4 on the need for additional MGL values in measurement gap pattern	Ericsson	Oumer Teyeb	47021	LS out	Approval				10.4.1.4.2	Measurement gaps for EN-DC	30420	available
955	R2-1802653	Consideration on LTE Control Plane Latency Reduction	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.21.1	CP latency for LTE	35140	available
956	R2-1802654	Introduction of height dependant TTT for Aerial Vehicles for TS 36.331.	Huawei, HiSilicon	Li Chai	40955	CR	Agreement				9.18	Enhanced LTE Support for Aerial Vehicles	37130	available
957	R2-1802655	Discussion on new SCell state	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 2	Delay reduction for SCell set-up	36050	available
958	R2-1802656	Discussion on timing issue of direct activation	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 2	Delay reduction for SCell set-up	27560	available
959	R2-1802657	Remaining issues of temporary CQI reporting	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 2	Delay reduction for SCell set-up	26560	available
960	R2-1802658	Discussion on the details of idle mode measurements	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 3	Signalling overhead reduction for configuration activation	26680	available
961	R2-1802659	Introduction of flight path for Aerial Vehicles for TS 36.331	Huawei, HiSilicon	Li Chai	40955	CR	Agreement				9.18	Enhanced LTE Support for Aerial Vehicles	37150	available
962	R2-1802660	Introduction of flight path for Aerial Vehicles for TS 36.306	Huawei, HiSilicon	Li Chai	40955	CR	Agreement				9.18	Enhanced LTE Support for Aerial Vehicles	37430	available
963	R2-1802661	Introduction of flight path for Aerial Vehicles	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	27060	available
964	R2-1802662	Identification of Air-borne UE	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	25380	available
965	R2-1802663	Potential enhancements for drones in idle state	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	34200	available
966	R2-1802664	Introduction of drone related SIBs for Aerial Vehicles for TS 36.331.	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	37440	available
967	R2-1802665	Discussion on Conditional HO	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26150	available
968	R2-1802666	Discussion on enhancement of measurement reporting mechanism	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26630	available
969	R2-1802667	Clarification on the MAC CE for new SCell state transition	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 2	Delay reduction for SCell set-up	36070	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 113

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
947	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
948	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
949	14-Feb-18	15-Feb-18			Rel-15												
950	14-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
951	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
952	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
953	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
954	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						RAN4			
955	14-Feb-18	14-Feb-18			Rel-15			TEI15									
956	14-Feb-18	14-Feb-18			Rel-15	36.331	15.0.1	LTE_Aerial-Core	3240		B						
957	14-Feb-18	14-Feb-18			Rel-15			LTE_euCA-Core									
958	14-Feb-18	14-Feb-18						LTE_euCA-Core									
959	14-Feb-18	14-Feb-18						LTE_euCA-Core									
960	14-Feb-18	14-Feb-18						LTE_euCA-Core									
961	14-Feb-18	14-Feb-18			Rel-15	36.331	15.0.1	LTE_Aerial-Core	3241		B						
962	14-Feb-18	14-Feb-18			Rel-15	36.306	14.5.0	LTE_Aerial-Core	1553		B						
963	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
964	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
965	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
966	14-Feb-18	14-Feb-18			Rel-15	36.331		LTE_Aerial-Core									
967	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
968	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
969	14-Feb-18	14-Feb-18			Rel-15			LTE_euCA-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 114

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
970	R2-1802668	Signalling overhead reduction for SCell Configuration	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 3	Signalling overhead reduction for configuration activation	26700	available
971	R2-1802669	IDLE Mode Measurement Reporting message	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 2	Delay reduction for SCell set-up	26550	available
972	R2-1802670	Signalling overhead reduction for SCell (de)Activation	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.9 3	Signalling overhead reduction for configuration activation	27570	available
973	R2-1802671	Impact on CA Cell State from the PDCP duplication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	23000	available
974	R2-1802672	Discussion on the RRC Impact from Packet Duplication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	26750	available
975	R2-1802673	Cell deactivation impact on PDCP dulication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	31070	withdrawn
976	R2-1802674	MAC Structure and Operation for HRLLC	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	26760	available
977	R2-1802675	Discussion on the MAC impact from packet duplication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	18460	noted
978	R2-1802676	BSR procedure for data duplication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	22990	available
979	R2-1802677	Discussion on PDCP impact for PDCP duplication	Huawei, HiSilicon	Li Chai	40955	discussion	Decision				9.15	Highly Reliable Low Latency Communication for LTE	19650	available
980	R2-1802678	Configuration of packet duplication over CA and DC for TS 36 331	Huawei, HiSilicon	Li Chai	40955	CR	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	28800	available
981	R2-1802679	Introduction of HRLLC in LTE for TS 36 300	Huawei, HiSilicon	Li Chai	40955	CR	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	28810	available
982	R2-1802680	NR configuration handling when NAS disable NR capability	China Telecom Corporation Ltd.	Xing Yang	65708	discussion					9.7 3.5	Other	26800	available
983	R2-1802681	RAN Notification Area Configuration – A few Questions?	PANASONIC R&D Center Germany	Sivavakeesar Sivapathalingham	75112	discussion	Discussion	On the issue of how to configure RAN Notification Area (RNA), a relevant email discussion (e.g., [NR-AH1801#13]) was triggered after RAN2 AH 1801. RAN2 earlier agreed that an RNA is UE-specific as each UE is unique in terms of its service requirements and			10.4.1.7.1	RAN area configuration	32600	available
984	R2-1802682	MCG RLF handling in case of NR-NR DC	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.10	Other (non EN-DC)	26820	available
985	R2-1802683	RRC design principles for NR-NR DC	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.10	Other (non EN-DC)	26830	available
986	R2-1802684	NR RRC connection release and re-direct	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.3.5	Other	26840	available
987	R2-1802685	RRC UE processing time for RRC reconfiguration in 38 331	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.3.5	Other	26850	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 115

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
970	14-Feb-18	14-Feb-18			Rel-15			LTE_euCA-Core									
971	14-Feb-18	14-Feb-18			Rel-15			LTE_euCA-Core									
972	14-Feb-18	14-Feb-18	R2-1713335		Rel-15			LTE_euCA-Core									
973	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
974	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
975	14-Feb-18				Rel-15			LTE_HRLLC-Core									
976	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
977	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
978	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
979	14-Feb-18	14-Feb-18			Rel-15			LTE_HRLLC-Core									
980	14-Feb-18	14-Feb-18			Rel-15	36.331	15.0.1	LTE_HRLLC-Core	3242		B						
981	14-Feb-18	14-Feb-18			Rel-15	36.300	15.0.0	LTE_HRLLC-Core	1095		B						
982	14-Feb-18	14-Feb-18															
983	14-Feb-18	15-Feb-18			Rel-15												
984	14-Feb-18	15-Feb-18	R2-1801075		Rel-15			NR_newRAT-Core									
985	14-Feb-18	15-Feb-18	R2-1801076		Rel-15			NR_newRAT-Core									
986	14-Feb-18	15-Feb-18	R2-1801074		Rel-15			NR_newRAT-Core									
987	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 116

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
988	R2-1802686	RRC UE processing time for Standalone NR	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.3.5	Other	26860	available
989	R2-1802687	Open issues on inter-node signalling for handover	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.1.9.1	Inter-Node RRC messages for non EN-DC	26870	available
990	R2-1802688	Split DRB capability signaling in EN-DC	Ericsson, Huawei, NTT DOCOMO, Nokia, Nokia Shanghai Bell, Vodafone	Stefan Wager	65332	discussion	Agreement				10.4.4.2	UE capabilities for EN DC	26880	noted
991	R2-1802689	Report of email discussion [99bis#56][LTE/Positioning] Running LPP CR	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8.1	Organisational	36410	noted
992	R2-1802690	Running LPP CR for RTK GNSS positioning	Qualcomm Incorporated	Sven Fischer	20628	draftCR					9.8.1	Organisational	402900	noted
993	R2-1802691	Cell reselection upon incoming service request	Sequans Communications	Benny Assouline	46903	discussion					10.2.11	Slicing	26910	revised
994	R2-1802692	ANR for NR	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				10.2.7	Mobility mechanisms - other	26920	available
995	R2-1802693	Conditional handover procedure	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				10.2.7	Mobility mechanisms - other	26930	available
996	R2-1802694	Per-CC gap for MR-DC	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				10.4.1.4.3	Measurement gaps for non EN-DC	26940	available
997	R2-1802695	Summary of e-mail discussion [100#41] Tx carrier selection	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18530	noted
998	R2-1802696	V2X sidelink transmission procedure considering packet duplication	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29020	available
999	R2-1802697	V2X sidelink reception procedure considering packet duplication	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19080	noted
1000	R2-1802698	[DRAFT] LS to SA2 on handling of duplicated V2X packet	LG Electronics Inc.	Jaewook Lee	56681	LS out	Approval				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29030	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
988	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
989	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
990	14-Feb-18	15-Feb-18	R2-1801070		Rel-15			NR_newRAT-Core									
991	14-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core									
992	14-Feb-18	16-Feb-18			Rel-15	36.355	14.4.0	LCS_LTE_acc_enh-Core			B						
993	14-Feb-18	14-Feb-18	R2-1801176	R2-1803748													
994	14-Feb-18	14-Feb-18	R2-1801424		Rel-15			NR_newRAT-Core									
995	14-Feb-18	14-Feb-18	R2-1801425		Rel-15			NR_newRAT-Core									
996	14-Feb-18	14-Feb-18	R2-1801427		Rel-15			NR_newRAT-Core									
997	14-Feb-18	26-Feb-18			Rel-15			LTE_eV2X-Core									
998	14-Feb-18	14-Feb-18			Rel-15			LTE_eV2X-Core									
999	14-Feb-18	14-Feb-18			Rel-15			LTE_eV2X-Core									
1000	14-Feb-18	14-Feb-18			Rel-15			LTE_eV2X-Core						SA2			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 118

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1001	R2-1802699	RAN2 aspects regarding support of 64QAM and TX diversity	LG Electronics Inc.	Jaewook Lee	56681	discussion	Discussion				9.10.4	Others	33510	available
1002	R2-1802700	Further clarifications on BPC coordination	ZTE Corporation, Sanechips	Eswar Vutukuri	74079	discussion					10.4.4.2	UE capabilities for EN DC	36780	available
1003	R2-1802701	NR UE Capability Size Reduction	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				10.4.4.4	Other aspects for non EN-DC	27010	available
1004	R2-1802702	DRB Handling while RRC Connection Re-establishment in NR	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				10.2.7	Mobility mechanisms - other	27020	available
1005	R2-1802703	RLF considering Beam Recovery Failure	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				10.2.8	Mobility - RLM,RLF	27030	available
1006	R2-1802704	Consideration of WUS enabled and disabled	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.13.9	Wake Up Signal	27040	available
1007	R2-1802705	Mobility Enhancement using Location Information	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	27880	available
1008	R2-1802706	Mobility Enhancement using MR Triggering	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	26640	available
1009	R2-1802707	HOF or RLF Handling of Aerial UE	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	34370	available
1010	R2-1802708	Enhancement to History Information for Aerial UE	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	27890	available
1011	R2-1802709	General aspects of Conditional HO in Aerial	LG Electronics Inc.	Hongsuk Kim	70379	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	26140	available
1012	R2-1802710	Additional Stage-2 Considerations for RTK Assistance Data	Deutsche Telekom	Claudio Coletti	48517	discussion	Decision				9.8 2	GNSS positioning enhancements	32830	available
1013	R2-1802711	Mobility scaling for idle mode measurements	Sequans Communications	Noam Cayron	73273	discussion					10.4.5.5	Selection/reselection - other aspects	27110	available
1014	R2-1802712	Outstanding issues for sTTI	Ericsson	Cecilia Eklof	59618	discussion					9.2	WI: Shortened TTI and processing time for LTE	22960	noted
1015	R2-1802713	Correction of shortened TTI and processing time for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.2	WI: Shortened TTI and processing time for LTE	22970	noted
1016	R2-1802714	PDCP duplication in LTE	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	18430	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 119

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1001	14-Feb-18	14-Feb-18	R2-1713824		Rel-15			LTE_eV2X-Core									
1002	14-Feb-18	15-Feb-18															
1003	14-Feb-18	14-Feb-18	R2-1801288		Rel-15			NR_newRAT-Core									
1004	14-Feb-18	14-Feb-18	R2-1801291		Rel-15			NR_newRAT-Core									
1005	14-Feb-18	14-Feb-18	R2-1801300		Rel-15			NR_newRAT-Core									
1006	14-Feb-18	14-Feb-18			Rel-15			NB_IOTenh2-Core									
1007	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
1008	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
1009	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
1010	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
1011	14-Feb-18	14-Feb-18			Rel-15			LTE_Aerial-Core									
1012	14-Feb-18	15-Feb-18			Rel-15												
1013	14-Feb-18	14-Feb-18	R2-1801511														
1014	14-Feb-18	15-Feb-18			Rel-15			LTE_sTTIandPT									
1015	14-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_sTTIandPT			F						
1016	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 120

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1017	R2-1802715	PDCP duplication discard and recovery	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	18450	noted
1018	R2-1802716	TP for PDCP duplication	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	28870	available
1019	R2-1802717	Reliability for PHICH-less UL SPS	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27160	available
1020	R2-1802718	Support periodic URLLC traffic with SPS	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27210	available
1021	R2-1802719	Prioritization between MAC CEs and High Reliability LCHs	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	19640	noted
1022	R2-1802720	Transport block repetition for reliability	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27180	noted
1023	R2-1802721	UE Time Synchronization	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27250	available
1024	R2-1802722	sPUCCH Utilization Strategy	Ericsson	Cecilia Eklof	59618	discussion					9.15	Highly Reliable Low Latency Communication for LTE	27270	available
1025	R2-1802723	Running CR for introduction of Ultra Reliable Low Latency Communicaton for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.15	Highly Reliable Low Latency Communication for LTE	28820	available
1026	R2-1802724	Running CR for introduction of Ultra Reliable Low Latency Communicaton for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.15	Highly Reliable Low Latency Communication for LTE	28830	available
1027	R2-1802725	Running CR for introduction of Ultra Reliable Low Latency Communicaton for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.15	Highly Reliable Low Latency Communication for LTE	28840	available
1028	R2-1802726	Running CR for introduction of Ultra Reliable Low Latency Communicaton for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.15	Highly Reliable Low Latency Communication for LTE	28850	available
1029	R2-1802727	Running CR for introduction of Ultra Reliable Low Latency Communicaton for LTE	Ericsson	Cecilia Eklof	59618	draftCR					9.15	Highly Reliable Low Latency Communication for LTE	28860	available
1030	R2-1802728	Handling of incoming LS on new service type in QMC reporting	Ericsson	Cecilia Eklof	59618	discussion					9.20	Other LTE Rel-15 WIs	27280	noted
1031	R2-1802729	Introduction of QoE Measurement Collection for MTSI services	Ericsson	Cecilia Eklof	59618	CR					9.20	Other LTE Rel-15 WIs	37280	available
1032	R2-1802730	Introduction of QoE Measurement Collection for MTSI services	Ericsson	Cecilia Eklof	59618	CR					9.20	Other LTE Rel-15 WIs	396200	available
1033	R2-1802731	Introduction of QoE Measurement Collection for MTSI services	Ericsson	Cecilia Eklof	59618	CR					9.20	Other LTE Rel-15 WIs	396300	available
1034	R2-1802732	De-prioritization of duplicated transmission for V2X sidelink communication	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29040	available
1035	R2-1802733	Impact of 5GC on Establishment Cause for eLTE	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				9.7 3.4	Access control	27330	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 121

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1017	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1018	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1019	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1020	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1021	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1022	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1023	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1024	14-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC									
1025	14-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	LTE_HRLLC			B						
1026	14-Feb-18	15-Feb-18			Rel-15	36.321	15.0.0	LTE_HRLLC			B						
1027	14-Feb-18	15-Feb-18			Rel-15	36.322	15.0.0	LTE_HRLLC			B						
1028	14-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_HRLLC			B						
1029	14-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_HRLLC			B						
1030	14-Feb-18	15-Feb-18			Rel-15			TEI15									
1031	14-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	TEI15	1096		B						
1032	14-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	TEI15	1554		B						
1033	14-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	TEI15	3243		B						
1034	14-Feb-18	14-Feb-18	R2-1713707		Rel-15			LTE_eV2X-Core									
1035	14-Feb-18	14-Feb-18			Rel-15			LTE_5GCN_connect-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 122

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1036	R2-1802734	CN paging DRX in RRC_IDLE	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.5.6	Idle/inactive paging	28260	available
1037	R2-1802735	Remaining issues on on-demand SI request procedure	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.6.6	On demand system information	28220	available
1038	R2-1802736	Impact on RRC for access control in RRC_CONNECTED	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.8.2	Access control for connected	27360	available
1039	R2-1802737	Handling of radio bearers and security for data transmission in RRC_INACTIVE	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.7.7	Inactive - other	31350	available
1040	R2-1802738	Handling of SRBs in connection re-establishment	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.2.14	Other	33310	available
1041	R2-1802739	RAN paging DRX in RRC_INACTIVE	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.7.4	Paging in inactive	20090	available
1042	R2-1802740	System information scheduling	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.6.5	System information scheduling	27400	available
1043	R2-1802741	AS level access category for UE in RRC_INACTIVE	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	27430	available
1044	R2-1802742	Support of handover with SUL	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.2.6	Supplementary uplink	27420	available
1045	R2-1802743	Support of Establishment Cause for NR	LG Electronics Inc.	Youngdae Lee	33638	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	29370	available
1046	R2-1802744	[DRAFT] Reply LS on Measurement requirements for LAA/WiFi hardware sharing problem	Nokia	Tero Henttonen	69943	LS out	Approval				7.3	Other LTE Rel-13 WIs	22480	available
1047	R2-1802745	Discussion on LAA/Wifi coexistence	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				7.3	Other LTE Rel-13 WIs	22490	noted
1048	R2-1802746	BCS and fallback band combinations	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				8.25	LTE TEI14 enhancements	23800	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 123

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1036	14-Feb-18	14-Feb-18	R2-1801376		Rel-15			NR_newRAT-Core									
1037	14-Feb-18	14-Feb-18	R2-1801378		Rel-15			NR_newRAT-Core									
1038	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1039	14-Feb-18	14-Feb-18	R2-1801381		Rel-15			NR_newRAT-Core									
1040	14-Feb-18	14-Feb-18	R2-1801382		Rel-15			NR_newRAT-Core									
1041	14-Feb-18	14-Feb-18	R2-1801384		Rel-15			NR_newRAT-Core									
1042	14-Feb-18	14-Feb-18	R2-1801385		Rel-15			NR_newRAT-Core									
1043	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1044	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1045	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1046	14-Feb-18	16-Feb-18			Rel-14			LTE_LAA-Core					R2-1801730	RAN4			
1047	14-Feb-18	16-Feb-18			Rel-13			LTE_LAA-Core, TEI13									
1048	14-Feb-18	16-Feb-18			Rel-13	36.331		LTE_CA_enh_b5C-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 124

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1049	R2-1802747	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel	Tero Henttonen	69943	discussion	Discussion				8.25	LTE TEI14 enhancements	37501	withdrawn
1050	R2-1802748	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel	Tero Henttonen	69943	discussion	Discussion				8.25	LTE TEI14 enhancements	37510	withdrawn
1051	R2-1802749	Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				8.25	LTE TEI14 enhancements	37520	withdrawn
1052	R2-1802750	Updated work plan for the euCA WID	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9.1	General	27500	noted
1053	R2-1802751	Remaining Stage-2 work on IDLE mode measurements	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 2	Delay reduction for SCell set-up	17940	noted
1054	R2-1802752	Remaining Stage-3 work on IDLE mode measurements	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 2	Delay reduction for SCell set-up	20030	noted
1055	R2-1802753	Security aspects of IDLE mode measurements	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 2	Delay reduction for SCell set-up	20740	available
1056	R2-1802754	Remaining Stage-3 work on direct activation of SCells	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion	-> Offline#222 (Nokia)			9.9.2	Delay reduction for SCell set-up	27510	available
1057	R2-1802755	Remaining work on the New Scell State	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 2	Delay reduction for SCell set-up	29110	noted
1058	R2-1802756	Remaining work on the temporary CQI reporting during Scell activation	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 2	Delay reduction for SCell set-up	26570	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 125

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1049	14-Feb-18				Rel-14	36.331		TEI14									
1050	14-Feb-18				Rel-15	36.331		TEI14									
1051	14-Feb-18				Rel-14			TEI14									
1052	14-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1053	14-Feb-18	16-Feb-18	R2-1713161		Rel-15			LTE_euCA-Core									
1054	14-Feb-18	16-Feb-18	R2-1713161		Rel-15			LTE_euCA-Core									
1055	14-Feb-18	16-Feb-18	R2-1713162		Rel-15			LTE_euCA-Core									
1056	14-Feb-18	16-Feb-18	R2-1713164		Rel-15			LTE_euCA-Core									
1057	14-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1058	14-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 126

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1059	R2-1802757	Remaining work on common SCell configuration	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.9 3	Signalling overhead reduction for configuration activation	27580	reserved
1060	R2-1802758	Report of email discussion 100#36 (common configuration)	Nokia (rapporteur)	Tero Henttonen	69943	discussion	Discussion				9.9 3	Signalling overhead reduction for configuration activation	26580	noted
1061	R2-1802759	RRC CR based on the outcome of email discusion [100#36]	Nokia (rapporteur)	Tero Henttonen	69943	discussion	Discussion				9.9 3	Signalling overhead reduction for configuration activation	27590	reserved
1062	R2-1802760	Applying IDLE mode measurements for EN-DC	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Decision				9.9.4	Others	27600	available
1063	R2-1802761	UDC processing requirement	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				9.16	UL data compression in LTE	34670	noted
1064	R2-1802762	Considerations on fast access inter-site small cells in NR	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Decision				10.4.1.4.6	Other	27620	available
1065	R2-1802763	Clarification for the use of en-gNB in LTE Stage-2	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Decision				10.2.1	Stage 2 TSs and running CR	37230	withdrawn
1066	R2-1802764	Discussion on suspend/resume with EN-DC	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Decision				10.4.3.2	ASN.1 issue documents	27780	reserved
1067	R2-1802765	Outcome of email discussion [NR-AH1801#24][NR] 38.331 ASN.1 review part 6 - Inter-node message (Nokia)	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Decision				10.4.3.1	Rapporteur inputs	37623	revised
1068	R2-1802766	Benefits of simple EDT	Gemalto N.V.	Osaid khaliq	64768	discussion	Discussion				9.14.2	Early data transmission	35970	available
1069	R2-1802767	Allowing simultaneous configuration of Type 2 grants on SUL and UL	Samsung R&D Institute UK	Milos Tesanovic	66723	discussion					10.3.1.8	SPS/Grant-free	20860	not treated
1070	R2-1802768	Beam recovery impact to RLF triggering	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.8	Mobility - RLM,RLF	27680	available
1071	R2-1802769	Mobility states and speed based parameter scaling in NR	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	27690	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 127

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1059	14-Feb-18		R2-1713491		Rel-15			LTE_euCA-Core									
1060	14-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1061	14-Feb-18				Rel-15			LTE_euCA-Core									
1062	14-Feb-18	16-Feb-18	R2-1711004		Rel-15			LTE_euCA-Core									
1063	14-Feb-18	16-Feb-18			Rel-15			LTE_UDC-Core									
1064	14-Feb-18	16-Feb-18	R2-1713490		Rel-15			NR_newRAT-Core									
1065	14-Feb-18				Rel-15			NR_newRAT-Core									
1066	14-Feb-18				Rel-15			NR_newRAT-Core									
1067	14-Feb-18	27-Feb-18		R2-1803957	Rel-15	38.331		NR_newRAT-Core									
1068	14-Feb-18	16-Feb-18															
1069	14-Feb-18	14-Feb-18															
1070	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1071	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 128

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1072	R2-1802770	Triggering of L3 filtered beam measurements	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	27700	available
1073	R2-1802771	TP to Stage-2 on Measurements	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion	=> Corrections in 9.1 are agreed			10.2.2.2	Other	27710	noted
1074	R2-1802772	Triggering condition for A1-A6 events in NR	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.4	Measurement events	27720	available
1075	R2-1802773	Impact of cell quality scaling in NR	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	27730	available
1076	R2-1802774	Discussion on allowInterruptions in NR and EN-DC	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	27740	available
1077	R2-1802775	[DRAFT] LS to RAN4 on the need for allowInterruptions	Ericsson	Helka-liina Maattanen	61821	LS out	Approval				10.4.1.4.6	Other	27750	available
1078	R2-1802776	Alternative time to trigger	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.4	Measurement events	27760	available
1079	R2-1802777	Time window configuration procedure in LTE for NR measurements (E403)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27790	available
1080	R2-1802778	RRC configuration and re-configuration of RLM parameters (E396)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27800	noted
1081	R2-1802779	On RLM and beam failure monitoring resources (E396)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27810	available
1082	R2-1802780	BWP impact to RLM configuration (E396)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27820	available
1083	R2-1802781	Resolving ambiguous UE behaviour related to Event A4 (E399)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27830	available
1084	R2-1802782	NR serving cell reporting over LTE Bx events in EN-DC (E404)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	27840	available
1085	R2-1802783	NR serving cell reporting over LTE Ax events in EN-DC (E405)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	28290	available
1086	R2-1802784	On the configurability of NR serving cell reporting	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	28330	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 129

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1072	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1073	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1074	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1075	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1076	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1077	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						RAN4			
1078	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1079	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1080	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1081	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1082	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1083	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1084	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1085	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1086	14-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 130

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1087	R2-1802785	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	27850	revised
1088	R2-1802786	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	28050	revised
1089	R2-1802787	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	34330	revised
1090	R2-1802788	Airborne status indication and related mobility enhancements	Ericsson	Zhenhua Zou	73815	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	27900	available
1091	R2-1802789	Measurement reporting enhancement	Ericsson	Zhenhua Zou	73815	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26620	available
1092	R2-1802790	Other Mobility enhancements for aerial UEs	Ericsson	Zhenhua Zou	73815	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	26590	available
1093	R2-1802791	Measurement gap configuration in NR	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.1.4.2	Measurement gaps for EN-DC	30560	revised
1094	R2-1802792	NCSG support in NR	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.1.4.3	Measurement gaps for non EN-DC	27920	available
1095	R2-1802793	Measurement gap capability feedback	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.1.4.3	Measurement gaps for non EN-DC	27930	available
1096	R2-1802794	On the support of periodical RNA update without context relocation	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision	=> Offline#38 (Huawei)			10.4.1.7.3	RAN area update procedure	18330	available
1097	R2-1802795	Security for Msg4	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Discussion				10.4.1.7.6	Security framework for inactive	20470	noted
1098	R2-1802796	RLAU procedure and interaction with TAU	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.1.7.7	Inactive - other	31750	available
1099	R2-1802797	Integrity protection and Counter Check Procedure for NR UP	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.10	Security (non EN-DC)	28010	available
1100	R2-1802798	Activation/deactivation of the DRB integrity protection	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.10	Security (non EN-DC)	23971	available
1101	R2-1802799	Procedures for enabling security per bearer	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.10	Security (non EN-DC)	36120	available
1102	R2-1802800	Stage 2 correction on security	Huawei, HiSilicon	Nathan Tenny	63312	draftCR	Decision				10.2.10	Security (non EN-DC)	401000	withdrawn
1103	R2-1802801	Re-establishment upon integrity check failure	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.10	Security (non EN-DC)	29610	available
1104	R2-1802802	[DRAFT] LS to SA3 on re-establishment upon integrity check failure	Huawei	Nathan Tenny	63312	LS out	Approval				10.2.10	Security (non EN-DC)	29650	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 131

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1087	14-Feb-18	15-Feb-18		R2-1803750	Rel-14	36.306	14.5.0	TEI14	1555		B						
1088	14-Feb-18	15-Feb-18		R2-1803751	Rel-14	36.331	14.5.1	TEI14	3244		B						
1089	14-Feb-18	15-Feb-18		R2-1803752	Rel-15	36.331	15.0.1	TEI14	3245		A						
1090	14-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1091	14-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1092	14-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1093	14-Feb-18	15-Feb-18		R2-1803761	Rel-15												
1094	14-Feb-18	15-Feb-18			Rel-15												
1095	14-Feb-18	15-Feb-18			Rel-15												
1096	14-Feb-18	15-Feb-18	R2-1800483		Rel-15			NR_newRAT									
1097	14-Feb-18	15-Feb-18	R2-1800508		Rel-15			NR_newRAT-Core									
1098	14-Feb-18	15-Feb-18	R2-1800485		Rel-15			NR_newRAT									
1099	14-Feb-18	15-Feb-18	R2-1800473		Rel-15			NR_newRAT									
1100	14-Feb-18	15-Feb-18	R2-1800474		Rel-15			NR_newRAT									
1101	14-Feb-18	15-Feb-18			Rel-15												
1102	14-Feb-18	15-Feb-18	R2-1800477		Rel-15	38.300	15.0.0	NR_newRAT			F						
1103	14-Feb-18	15-Feb-18	R2-1800471		Rel-15			NR_newRAT-Core									
1104	14-Feb-18	15-Feb-18	R2-1800472		Rel-15			NR_newRAT-Core						SA3			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 132

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1105	R2-1802803	Protocol impacts of positioning in NR	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.13	Positioning	33090	available
1106	R2-1802804	Automatic Neighbour Relation in NR	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.2.14	Other	24600	available
1107	R2-1802805	Unexpected connection releases after UE capability signalling	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				8.25	LTE TEI14 enhancements	34470	noted
1108	R2-1802806	Measurement reporting enhancements for Aerials	InterDigital	Paul Marinier	72016	discussion	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	26650	available
1109	R2-1802807	Indication of UE airborne status and support of UAV functions	InterDigital	Paul Marinier	72016	discussion	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	27090	available
1110	R2-1802808	Restriction of configured grant type 2 to UL/SUL	InterDigital	Paul Marinier	72016	discussion	Approval				10.3.1.8	SPS/Grant-free	18910	noted
1111	R2-1802809	SR Triggering in NR	InterDigital	Faris Alfarhan	72155	discussion	Approval				10.3.1.6	BSR	19990	noted
1112	R2-1802810	Random Access initiated by BFR	InterDigital	Faris Alfarhan	72155	discussion	Approval				10.3.1.4.2	Random access in presence of multi-beam operation	24900	available
1113	R2-1802811	LCP for URLLC	InterDigital	Faris Alfarhan	72155	discussion	Approval				10.3.1.7	LCP	25030	withdrawn
1114	R2-1802812	Open Issues on Connection Control Procedures	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.3.3	Connection establishment procedures	29630	available
1115	R2-1802813	Security Aspects of Connection Control	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.7.6	Security framework for inactive	32640	available
1116	R2-1802814	Conditional Reconfiguration for NR	InterDigital	Martino Freda	44622	discussion	Approval				10.2.7	Mobility mechanisms - other	28140	available
1117	R2-1802815	On CP Architecture for NR-NR DC	InterDigital	Martino Freda	44622	discussion	Approval				10.2.14	Other	33320	available
1118	R2-1802816	Harmonization of Connection Control Procedures and Messages	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.3.2	Connection control message harmonisation	29340	available
1119	R2-1802817	Timer-Based Inactivation for NR	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.3.5	Other	28170	available
1120	R2-1802818	Discussion on Handling Split SRB during SCG Failure	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.5.2	SCG failure for EN-DC	34050	available
1121	R2-1802819	Remaining Details of Stored System Information	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.6.3	Stored system information	20390	available
1122	R2-1802820	SI Modification Procedure in NR	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.6.4	System information modification	28200	available
1123	R2-1802821	MSG3-Based SI Request Procedure	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.6.6	On demand system information	17950	noted
1124	R2-1802822	On the Need for Additional Indication for On Demand SI	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.6.6	On demand system information	29600	available
1125	R2-1802823	RAN Location Area Update Procedure for NR	InterDigital	Martino Freda	44622	discussion	Approval				10.4.1.7.3	RAN area update procedure	29350	available
1126	R2-1802824	Paging in High Frequency	InterDigital	Martino Freda	44622	discussion	Approval				10.4.5.6	Idle/inactive paging	18040	available
1127	R2-1802825	Paging Indicator Details	InterDigital	Martino Freda	44622	discussion	Approval				10.4.5.6	Idle/inactive paging	29760	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 133

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1105	14-Feb-18	15-Feb-18			Rel-15												
1106	14-Feb-18	15-Feb-18			Rel-15												
1107	14-Feb-18	15-Feb-18			Rel-14												
1108	14-Feb-18	16-Feb-18			Rel-15			LTE_Aerial									
1109	14-Feb-18	16-Feb-18			Rel-15			LTE_Aerial									
1110	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1111	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1112	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1113	14-Feb-18				Rel-15			NR_newRAT-Core									
1114	14-Feb-18	16-Feb-18	R2-1801107		Rel-15			NR_newRAT-Core									
1115	14-Feb-18	16-Feb-18	R2-1801108		Rel-15			NR_newRAT-Core									
1116	14-Feb-18	16-Feb-18	R2-1801109		Rel-15			NR_newRAT-Core									
1117	14-Feb-18	16-Feb-18	R2-1801110		Rel-15			NR_newRAT-Core									
1118	14-Feb-18	16-Feb-18	R2-1801112		Rel-15			NR_newRAT-Core									
1119	14-Feb-18	16-Feb-18	R2-1801113		Rel-15			NR_newRAT-Core									
1120	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1121	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1122	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1123	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1124	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1125	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1126	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1127	14-Feb-18	16-Feb-18	R2-1801122		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 134

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1128	R2-1802826	Paging Occasion Calculation for NR	InterDigital	Martino Freda	44622	discussion	Approval				10.4.5.6	Idle/inactive paging	29770	available
1129	R2-1802827	SUL Operation in NR Standalone	InterDigital	Martino Freda	44622	discussion	Approval				10.2.6	Supplementary uplink	28270	available
1130	R2-1802828	Bandwidth Part Considerations for RRC_INACTIVE	InterDigital	Martino Freda	44622	discussion	Approval				10.2.5	Bandwidth parts	36830	withdrawn
1131	R2-1802829	Discussion and Text proposal on 38.331 for UE capability supporting power control	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.3.2	ASN.1 issue documents	28520	available
1132	R2-1802830	Impact of SUL on Cell Selection Reselection Criteria	InterDigital	Mouna Hajir	74576	discussion	Approval				10.4.5.2	Selection/reselection rules	28300	available
1133	R2-1802831	Consideration of Number of Good Beams for Cell Selection Reselection	InterDigital	Mouna Hajir	74576	discussion	Approval				10.4.5.3	Cell quality derivation	28310	available
1134	R2-1802832	Measurement Configuration with Ax and Cx Events	InterDigital	Mouna Hajir	74576	discussion	Approval				10.4.1.4.4	Measurement events	28320	available
1135	R2-1802833	PDSCH and PUSCH UE-specific parameters	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.3.2	ASN.1 issue documents	29410	noted
1136	R2-1802834	Small corrections to PDCP specification	LG Electronics Inc.	SeungJune Yi	20814	CR	Approval				10.3.3.1	TS	28350	revised
1137	R2-1802835	Introduction of PDCP duplication	LG Electronics Inc.	SeungJune Yi	20814	CR	Approval				10.3.3.1	TS	28340	revised
1138	R2-1802836	Remaining issues in PDCP duplication	LG Electronics Inc.	SeungJune Yi	20814	discussion	Decision				10.3.3.5	PDCP duplication	31100	not treated
1139	R2-1802837	CA duplication for SRBs	LG Electronics, vivo, NEC, Panasonic, MediaTek, Fujitsu, Qualcomm, Intel	SeungJune Yi	20814	discussion	Decision				10.3.3.5	PDCP duplication	19430	noted
1140	R2-1802838	Stopping contention resolution timer based on retransmission scheduling	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				9.13.10	Other	25820	available
1141	R2-1802839	Stopping contention resolution timer based on retransmission scheduling	LG Electronics Inc.	Jeonggu Lee	70359	CR	Agreement				9.13.10	Other	26100	available
1142	R2-1802840	DRX enhancement using HARQ feedback	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Discussion				9.14.6	Uplink HARQ-ACK feedback	30830	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 135

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1128	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1129	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1130	14-Feb-18				Rel-15			NR_newRAT-Core									
1131	14-Feb-18	21-Feb-18			Rel-15												
1132	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1133	14-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1134	14-Feb-18	16-Feb-18	R2-1801135		Rel-15			NR_newRAT-Core									
1135	14-Feb-18	21-Feb-18			Rel-15												
1136	14-Feb-18	14-Feb-18		R2-1803858	Rel-15	38.323	15.0.0	NR_newRAT-Core	0002		F						
1137	14-Feb-18	14-Feb-18		R2-1803864	Rel-15	38.323	15.0.0	NR_newRAT-Core	0003		B						
1138	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1139	14-Feb-18	14-Feb-18			Rel-15			NR_newRAT-Core									
1140	14-Feb-18	15-Feb-18	R2-1712199		Rel-15	36.321		NB_IOTenh2-Core									
1141	14-Feb-18	15-Feb-18	R2-1712205		Rel-15	36.321	15.0.0	LTE_eMTC4-Core, NB_IOTenh2-Core	1158	3	F						
1142	14-Feb-18	15-Feb-18	R2-1712231		Rel-15	36.321		LTE_eMTC4-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 136

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1143	R2-1802841	SPS and DRX	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.10	DRX	25350	not treated
1144	R2-1802842	TP on SPS and DRX	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.10	DRX	35600	not treated
1145	R2-1802843	BFR open issues	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	28100	available
1146	R2-1802844	RA open issues	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.4.3	Random access procedures	18760	noted
1147	R2-1802845	Configured scheduling open issues	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.8	SPS/Grant-free	29180	noted
1148	R2-1802846	HARQ open issues	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.9	HARQ	28460	noted
1149	R2-1802847	Remaining MAC open issues	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.13	Other	25540	not treated
1150	R2-1802848	Support of SRS on SUL	LG Electronics UK	SunYoung LEE	56452	discussion	Decision				10.3.1.12	PHR	28480	not treated
1151	R2-1802849	DRX enhancement using HARQ feedback	LG Electronics Inc.	Jeonggu Lee	70359	draftCR	Agreement				9.14.6	Uplink HARQ-ACK feedback	30840	available
1152	R2-1802850	RA enhancement using HARQ feedback	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				9.14.6	Uplink HARQ-ACK feedback	30850	available
1153	R2-1802851	Necessity of multi bit confirmation MAC CE	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				9.12.2	Autonomous uplink access on Frame structure type 3	28920	available
1154	R2-1802852	Remaining issues on ASN.1 of MoreThanOneRLC	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.3.2	ASN.1 issue documents	20170	noted
1155	R2-1802853	The start condition of the drx-HARQ-RTT-TimerDL	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				10.3.1.10	DRX	30300	not treated
1156	R2-1802854	Discussion on operator defined dictionary	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.16	UL data compression in LTE	19180	noted
1157	R2-1802855	Discussion on setup and release of UDC	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.16	UL data compression in LTE	27610	noted
1158	R2-1802856	CR on UDC configuration	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	28570	available
1159	R2-1802857	CR on UDC configuration	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	28580	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 137

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1143	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1144	14-Feb-18	15-Feb-18			Rel-15	38.321		NR_newRAT-Core									
1145	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1146	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1147	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1148	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1149	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1150	14-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1151	15-Feb-18	15-Feb-18	R2-1712232		Rel-15	36.321	15.0.0	LTE_eMTC4-Core			C						
1152	15-Feb-18	15-Feb-18	R2-1712233		Rel-15	36.321		LTE_eMTC4-Core									
1153	15-Feb-18	15-Feb-18	R2-1713646		Rel-15	36.321		LTE_unlic-Core									
1154	15-Feb-18	21-Feb-18			Rel-15												
1155	15-Feb-18	15-Feb-18	R2-1801029		Rel-15	38.321		NR_newRAT-Core									
1156	15-Feb-18	15-Feb-18			Rel-15			LTE_UDC-Core									
1157	15-Feb-18	15-Feb-18	R2-1712721		Rel-15			LTE_UDC-Core									
1158	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0220		B						
1159	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_UDC-Core	3246		B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 138

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1160	R2-1802858	Discussion on UE capabilities of UDC	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.16	UL data compression in LTE	28620	noted
1161	R2-1802859	CR on UE capabilities of UDC	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	28630	available
1162	R2-1802860	CR on UDC header	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	34680	available
1163	R2-1802861	CR on UDC buffer if dictionary is not configured	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	34690	available
1164	R2-1802862	CR on standard dictionary	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	34700	available
1165	R2-1802863	CR on standard dictionary	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.16	UL data compression in LTE	34710	available
1166	R2-1802864	Email discussion summary on new L2 measurements	Huawei	Jun Chen	45773	discussion	Agreement	Related to the email discussion [100#35][LTE/TEI15] New L2 measurements (Huawei) => Offline#298 (Huawei) => Offline#299 (Huawei)			9.21.2	Other	28660	noted
1167	R2-1802865	CR on distribution of total PRB usage	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement	Related to the email discussion [100#35][LTE/TEI15] New L2 measurements (Huawei)			9.21.2	Other	28661	agreed
1168	R2-1802866	CR on distribution of scheduled IP throughput	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement	Related to the email discussion [100#35][LTE/TEI15] New L2 measurements (Huawei)			9.21.2	Other	28670	revised
1169	R2-1802867	]DRAFT] Response LS on adding PRB usage distribution and IP throughput distribution measurements	Huawei	Jun Chen	45773	LS out	Approval	Related to the email discussion [100#35][LTE/TEI15] New L2 measurements (Huawei)			9.21.2	Other	28690	revised
1170	R2-1802868	[DRAFT] Response LS on adding measurements on average number of total active UEs	Huawei	Jun Chen	45773	LS out	Approval	Related to the email discussion [100#35][LTE/TEI15] New L2 measurements (Huawei)			9.21.2	Other	28700	revised
1171	R2-1802869	Discussion on dual registration and issues in LTE	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.21.2	Other	32130	available
1172	R2-1802870	Discussion on additional PDCP discard timer	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.21.2	Other	28720	available
1173	R2-1802871	Introduction of additional PDCP discard timer	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.21.2	Other	28730	available
1174	R2-1802872	Introduction of additional PDCP discard timer	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.21.2	Other	28740	available
1175	R2-1802873	Introduction of additional PDCP discard timer	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.21.2	Other	28960	available
1176	R2-1802874	Introduction of additional PDCP discard timer	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.21.2	Other	28961	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 139

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1160	15-Feb-18	15-Feb-18			Rel-15			LTE_UDC-Core									
1161	15-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	LTE_UDC-Core	1556		B						
1162	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0221		B						
1163	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0222		B						
1164	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0223		B						
1165	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_UDC-Core	3247		B						
1166	15-Feb-18	15-Feb-18			Rel-15			TEI15									
1167	15-Feb-18	15-Feb-18			Rel-15	36.314	14.0.0	TEI15	0049		F						
1168	15-Feb-18	15-Feb-18		R2-1803953	Rel-15	36.314	14.0.0	TEI15	0050		F						
1169	15-Feb-18	15-Feb-18		R2-1804023	Rel-15			TEI15					R2-1704027	SA5			
1170	15-Feb-18	15-Feb-18		R2-1804024	Rel-15			TEI15					R2-1704028	SA5			
1171	15-Feb-18	15-Feb-18			Rel-15			TEI15									
1172	15-Feb-18	15-Feb-18	R2-1712725		Rel-15			TEI15									
1173	15-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	TEI15	1097		B						
1174	15-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	TEI15	1557		B						
1175	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	TEI15	0224		B						
1176	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	TEI15	3248		B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 140

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1177	R2-1802875	Discussion on QoE requirements from SA4	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement	=> Offline#234 (Ericsson)			9.20	Other LTE Rel-15 WIs	27290	noted
1178	R2-1802876	Discussion on corrections to eVideo	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.5	Further video enhancements for LTE	28760	noted
1179	R2-1802877	Use cases for WLAN and Bluetooth measurement collection in MDT	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.19	Bluetooth/WLAN measurement collection in MDT	28780	noted
1180	R2-1802878	Overview of WLAN and Bluetooth measurement collection in MDT	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.19	Bluetooth/WLAN measurement collection in MDT	32380	available
1181	R2-1802879	Analysis on measurement procedures for WLAN and Bluetooth measurement collection in MDT	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.19	Bluetooth/WLAN measurement collection in MDT	32240	noted
1182	R2-1802880	Discussion on use cases and requirements on synchronization accuracy	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	27230	available
1183	R2-1802881	Discussion on solutions of providing time reference information	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	27240	noted
1184	R2-1802882	Discussion on support RLC AM for DRB for PDCP duplication	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	26770	available
1185	R2-1802883	Discussion on the RLC impact from PDCP duplication	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	26780	available
1186	R2-1802884	Potential enhancements for HRLLC based on sTTI	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	27260	available
1187	R2-1802885	TB repetition for HRLLC	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	27190	available
1188	R2-1802886	Introduction of HRLLC in LTE	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	29260	available
1189	R2-1802887	Introduction of HRLLC in LTE	Huawei, HiSilicon	Jun Chen	45773	CR	Agreement				9.15	Highly Reliable Low Latency Communication for LTE	29270	available
1190	R2-1802888	Running CR on Introduction of QoE Measurement Collection for LTE	Huawei, HiSilicon	Jun Chen	45773	CR	Discussion	As RAN2 Chairman indicated, the CRs for the WI QMC will be maintained as running CRs			9.6	QoE Measurement Collection for streaming services in E-UTRAN	28880	available
1191	R2-1802889	Running CR on Introduction of QoE Measurement Collection for LTE	Huawei, HiSilicon	Jun Chen	45773	CR	Discussion	As RAN2 Chairman indicated, the CRs for the WI QMC will be maintained as running CRs			9.6	QoE Measurement Collection for streaming services in E-UTRAN	28890	available
1192	R2-1802890	Running CR on Introduction of QoE Measurement Collection for LTE	Huawei, HiSilicon	Jun Chen	45773	CR	Discussion	As RAN2 Chairman indicated, the CRs for the WI QMC will be maintained as running CRs			9.6	QoE Measurement Collection for streaming services in E-UTRAN	28900	available
1193	R2-1802891	Discussion on QoE configuration id	Huawei, HiSilicon	Jun Chen	45773	discussion	Agreement				9.6	QoE Measurement Collection for streaming services in E-UTRAN	28910	available
1194	R2-1802892	HARQ aspects of AUL	Intel Corporation	Youn hyoung Heo	47007	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	28930	available
1195	R2-1802893	Other aspects of AUL	Intel Corporation	Youn hyoung Heo	47007	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	29190	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 141

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1177	15-Feb-18	15-Feb-18			Rel-15			TEI15									
1178	15-Feb-18	15-Feb-18			Rel-15	36.300		LTE_ViLTE_enh2-Core									
1179	15-Feb-18	15-Feb-18			Rel-15			LTE_MDT_BT_WLAN-Core									
1180	15-Feb-18	15-Feb-18			Rel-15			LTE_MDT_BT_WLAN-Core									
1181	15-Feb-18	15-Feb-18			Rel-15			LTE_MDT_BT_WLAN-Core									
1182	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1183	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1184	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1185	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1186	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1187	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1188	15-Feb-18	15-Feb-18			Rel-15	36.321	15.0.0	LTE_HRLLC-Core	1214		B						
1189	15-Feb-18	15-Feb-18			Rel-15	36.323	14.5.0	LTE_HRLLC-Core	0225		B						
1190	15-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	LTE_QMC_Streaming-Core	1098		B						
1191	15-Feb-18	15-Feb-18			Rel-15	36.306	14.5.0	LTE_QMC_Streaming-Core	1558		B						
1192	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	LTE_QMC_Streaming-Core	3249		B						
1193	15-Feb-18	15-Feb-18			Rel-15			LTE_QMC_Streaming-Core									
1194	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1195	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 142

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1196	R2-1802894	CP latency reduction for LTE	Intel Corporation	Youn hyoung Heo	47007	discussion					9.21.1	CP latency for LTE	35150	available
1197	R2-1802895	New measurement event for interference detections from multiple cells	Intel Corporation	Youn hyoung Heo	47007	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	26610	available
1198	R2-1802896	CR for support of cell reselection for high speed dedicated network	Intel Corporation	Youn hyoung Heo	47007	CR					9.21.2	Other	24210	revised
1199	R2-1802897	Cell reselection for the UE on high-speed-dedicated network	Intel Corporation	Youn hyoung Heo	47007	discussion					9.21.2	Other	17730	noted
1200	R2-1802898	Introduction of further enhancements to CoMP	Intel Corporation	Youn hyoung Heo	47007	CR	Approval				9.17	Further enhancements to CoMP for LTE	28980	revised
1201	R2-1802899	sTTI/sPT capability additions	Intel Corporation	Youn hyoung Heo	47007	discussion					9.2	WI: Shortened TTI and processing time for LTE	28990	noted
1202	R2-1802900	sTTI/sPT capability changes for 36.331	Intel Corporation	Youn hyoung Heo	47007	CR					9.2	WI: Shortened TTI and processing time for LTE	29000	withdrawn
1203	R2-1802901	On overall reliability framework for Rel-15 eV2X	Intel Corporation	Youn hyoung Heo	47007	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29060	available
1204	R2-1802902	Response LS2 to SA2 on overall reliability framework for Rel-15 eV2X	Intel Corporation	Youn hyoung Heo	47007	LS out					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	29200	available
1205	R2-1802903	Limited RX UE considerations for CA over PC5	Intel Corporation	Youn hyoung Heo	47007	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	391200	withdrawn
1206	R2-1802904	Packet duplication aspects for CA based eV2X	Intel Corporation	Youn hyoung Heo	47007	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	30110	available
1207	R2-1802905	Resource pools sharing between mode 3 and 4	Intel Corporation	Youn hyoung Heo	47007	discussion					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	29050	available
1208	R2-1802906	On carrier selection procedure for CA over PC5	Intel Corporation	Youn hyoung Heo	47007	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	30130	available
1209	R2-1802907	Measurement reporting information for Aerial UE	Intel Corporation	Youn hyoung Heo	47007	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	27080	available
1210	R2-1802908	Correction to handling of p-Max procedure for high-power Ues	Intel Corporation	Youn hyoung Heo	47007	discussion					7.3	Other LTE Rel-13 WIs	31780	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 143

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1196	15-Feb-18	16-Feb-18			Rel-15			TEI15									
1197	15-Feb-18	16-Feb-18			Rel-15			LTE_Aerial-Core									
1198	15-Feb-18	16-Feb-18		R2-1803952	Rel-15	36.331	15.0.1	TEI15	3250		B						
1199	15-Feb-18	16-Feb-18			Rel-15			TEI15									
1200	15-Feb-18	16-Feb-18		R2-1803779	Rel-15	36.331	15.0.1	feCOMP_LTE-Core	3251		B						
1201	15-Feb-18	16-Feb-18			Rel-15			LTE_sTTIandPT									
1202	15-Feb-18				Rel-15	36.331	15.0.1	LTE_sTTIandPT	3252		B						
1203	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1204	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core						SA2			
1205	15-Feb-18				Rel-15			LTE_eV2X-Core									
1206	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1207	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1208	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1209	15-Feb-18	16-Feb-18			Rel-15			LTE_Aerial-Core									
1210	15-Feb-18	16-Feb-18			Rel-13			TEI13									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 144

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1211	R2-1802909	Clarification on number of SL processes for V2X communication	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.3	Control plane	36150	withdrawn
1212	R2-1802910	Clarifications on V2X resource selection in the absence of positioning information	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.3	Control plane	391000	withdrawn
1213	R2-1802911	Handling of CSI for SCell activation in euCA	Intel Corporation	Youn hyoung Heo	47007	discussion					9.9.2	Delay reduction for SCell set-up	36080	available
1214	R2-1802912	sTTI/sPT capability changes for 36.306	Intel Corporation	Youn hyoung Heo	47007	draftCR					9.2	WI: Shortened TTI and processing time for LTE	29120	withdrawn
1215	R2-1802913	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				7.3	Other LTE Rel-13 WIs	31790	revised
1216	R2-1802914	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				7.3	Other LTE Rel-13 WIs	34450	revised
1217	R2-1802915	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				7.3	Other LTE Rel-13 WIs	34460	revised
1218	R2-1802916	Text proposal fot the start condition of the drx-HARQ-RTT-TimerDL	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Agreement				10.3.1.10	DRX	31690	not treated
1219	R2-1802917	Small corrections on PhysicalConfigDedicated-NB	ZTE Corporation, Sanechips	Ting Lu	63111	CR	Agreement				8.11	WI: Enhancements of NB-IoT	29170	revised
1220	R2-1802918	HARQ retransmission of configured grant type1	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				10.3.1.8	SPS/Grant-free	31860	noted
1221	R2-1802919	HARQ process collision between AUL and SUL	LG Electronics Inc.	Jeonggu Lee	70359	discussion	Decision				9.12.2	Autonomous uplink access on Frame structure type 3	31730	available
1222	R2-1802920	Consideration of carrier reselection	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19060	noted
1223	R2-1802921	Consideration on UE-based OTDOA positioning	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				9.8.4	UE-based OTDOA positioning	29210	available
1224	R2-1802922	Inter-RAT mobility between NR and eLTE for Inactive state	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	18720	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 145

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1211	15-Feb-18				Rel-15	36.321	15.0.0	LTE_V2X-Core	1215		A						
1212	15-Feb-18				Rel-15	36.331	15.0.0	LTE_V2X-Core	3253		A						
1213	15-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1214	15-Feb-18				Rel-15	36.306	14.5.0	LTE_sTTIandPT									
1215	15-Feb-18	16-Feb-18		R2-1803837	Rel-13	36.331	13.8.1	TEI13	3254		F						
1216	15-Feb-18	16-Feb-18		R2-1803852	Rel-14	36.331	14.5.1	TEI13	3255		A						
1217	15-Feb-18	16-Feb-18		R2-1803853	Rel-15	36.331	15.0.1	TEI13	3256		A						
1218	15-Feb-18	15-Feb-18	R2-1801051		Rel-15	38.321		NR_newRAT-Core									
1219	15-Feb-18	15-Feb-18		R2-1804038	Rel-14	36.331	14.5.1	NB_IOTenh-Core	3257		F						
1220	15-Feb-18	15-Feb-18			Rel-15	38.321		NR_newRAT-Core									
1221	15-Feb-18	15-Feb-18			Rel-15	36.321		LTE_unlic-Core									
1222	15-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
1223	15-Feb-18	15-Feb-18	R2-1711689		Rel-15			LCS_LTE_acc_enh-Core									
1224	15-Feb-18	15-Feb-18	R2-1713260		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 146

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1225	R2-1802923	Support NR positioning under dual connectivity	LG Electronics Inc.	Jongwoo Hong	66526	discussion	Discussion				10.2.13	Positioning	33100	available
1226	R2-1802924	RLC behavior after reaching the maximum number of retransmission	LG Electronics France	Geumsan Jo	70566	discussion	Decision				10.3.2.3	Impact of PDCP duplication to RLC	17620	noted
1227	R2-1802925	RLC behavior after reaching the maximum number of retransmission	LG Electronics France	Geumsan Jo	70566	draftCR					10.3.2.3	Impact of PDCP duplication to RLC	31700	available
1228	R2-1802926	PDCP configuration for SRB	LG Electronics France	Geumsan Jo	70566	discussion					9.15	Highly Reliable Low Latency Communication for LTE	26790	available
1229	R2-1802927	Issues on PDCP duplication	LG Electronics France	Geumsan Jo	70566	discussion					9.15	Highly Reliable Low Latency Communication for LTE	18420	noted
1230	R2-1802928	NR security framework for inactive	Intel Corporation	Sudeep Palat	63872	discussion		=> Offline#33 (Intel)			10.4.1.7.6	Security framework for inactive	20510	noted
1231	R2-1802929	TP on agreed NR inactive aspects	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.7	Inactive - other	23710	available
1232	R2-1802930	Resume Failure handling in inactive	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.7	Inactive - other	23650	available
1233	R2-1802931	Mobility of UE in INACTIVE between NR and E-UTRA connected to 5GC	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	20950	available
1234	R2-1802932	Report of #13 RRC inactive (RAN area configuration) (Intel)	Intel Corporation	Sudeep Palat	63872	report					10.4.1.7.1	RAN area configuration	18000	revised
1235	R2-1802933	RAN-initiated paging message	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.4	Paging in inactive	29330	available
1236	R2-1802934	NR common RRC procedures	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.3.2	Connection control message harmonisation	30980	available
1237	R2-1802935	Periodic RNAU without anchor gNB relocation	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.3	RAN area update procedure	35840	available
1238	R2-1802936	The length of resume id	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.7.7	Inactive - other	20980	available
1239	R2-1802937	Report of #07 Reply LS to CT1 on AC (Intel)	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.8.1	Access control for Idle/Inactive	19820	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 147

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1225	15-Feb-18	15-Feb-18	R2-1713253		Rel-15			NR_newRAT-Core									
1226	15-Feb-18	15-Feb-18	R2-1801236		Rel-15			NR_newRAT-Core									
1227	15-Feb-18	15-Feb-18	R2-1801280		Rel-15	38.322	15.0.0	NR_newRAT-Core			F						
1228	15-Feb-18	15-Feb-18			Rel-15			LTE_HRLLC-Core									
1229	15-Feb-18	15-Feb-18						LTE_HRLLC-Core									
1230	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1231	15-Feb-18	16-Feb-18	R2-1800913		Rel-15			NR_newRAT-Core									
1232	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1233	15-Feb-18	16-Feb-18	R2-1800915		Rel-15			NR_newRAT-Core									
1234	15-Feb-18	16-Feb-18		R2-1803760	Rel-15			NR_newRAT-Core									
1235	15-Feb-18	16-Feb-18	R2-1800917		Rel-15			NR_newRAT-Core									
1236	15-Feb-18	16-Feb-18	R2-1800918		Rel-15			NR_newRAT-Core									
1237	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1238	15-Feb-18	16-Feb-18	R2-1800920		Rel-15			NR_newRAT-Core									
1239	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 148

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1240	R2-1802938	[DRAFT] Reply LS on CT1's chosen solution for unified access control	Intel Corporation	Sudeep Palat	63872	LS out	Approval	=> Offline#06 (Intel)			10.4.1.8.1	Access control for Idle/Inactive	20301	revised
1241	R2-1802939	5G access control mechanism in IDLE and INACTIVE	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.8.1	Access control for Idle/Inactive	29380	available
1242	R2-1802940	5G access control mechanism in CONNECTED	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.8.2	Access control for connected	29400	available
1243	R2-1802941	Open issues on EN-DC capabilities on LTE side (I044, I089)	Intel Corporation	Sudeep Palat	63872	discussion					10.4.3.2	ASN.1 issue documents	29430	available
1244	R2-1802942	Introduction of EN-DC capabilities	Intel Corporation	Sudeep Palat	63872	CR		=> Offline#28 (Intel)			10.4.4.1	TS	29730	revised
1245	R2-1802943	Usage of spare value (Z067, H014, etc)	Intel Corporation	Sudeep Palat	63872	discussion					10.4.3.2	ASN.1 issue documents	30220	noted
1246	R2-1802944	5G network identifiers	Intel Corporation	Sudeep Palat	63872	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	17820	available
1247	R2-1802945	Handling of disabling of eLTE capability	Intel Corporation	Sudeep Palat	63872	discussion		=> Offline#42 (Lenovo): Produce LSout to CT1, SA2.			9.7.2	Stage 2 aspects independent from NR/5GC	26320	available
1248	R2-1802946	Support of security for eLTE	Intel Corporation	Sudeep Palat	63872	discussion		=> Offline#41 (Intel): LS to CT1			9.7 2	Stage 2 aspects independent from NR/5GC	21090	available
1249	R2-1802947	Support of positioning for E-UTRA connected to 5GC	Intel Corporation	Sudeep Palat	63872	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	29450	available
1250	R2-1802948	Further discussion on differentiation using RA parameters	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.4.1	Differentiation of RA parameters	35670	not treated
1251	R2-1802949	On beam failure recovery and detection using random access procedure	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	28430	available
1252	R2-1802950	On remaining aspects for random access procedure	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.4.3	Random access procedures	18780	noted
1253	R2-1802951	Clarifications related to DRX	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.10	DRX	29160	noted
1254	R2-1802952	Remaining issues in BSR	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.6	BSR	386600	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 149

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1240	15-Feb-18	16-Feb-18		R2-1803875	Rel-15			NR_newRAT-Core, 5GS_Ph1-CT					R2-1801642	CT1	SA1		
1241	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1242	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1243	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1244	15-Feb-18	16-Feb-18		R2-1803943	Rel-15	36.306	14.5.0	NR_newRAT-Core	1559		B						
1245	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1246	15-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1247	15-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1248	15-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1249	15-Feb-18	16-Feb-18	R2-1712663		Rel-15			LTE_5GCN_connect-Core									
1250	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1251	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1252	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1253	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1254	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 150

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1255	R2-1802953	Configured Grant Timer in DRX	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.8	SPS/Grant-free	32310	reserved
1256	R2-1802954	Potential issue of POLL_SN mismatch	Intel Corporation	Sudeep Palat	63872	discussion					10.3.2.4	Other	29540	available
1257	R2-1802955	Remaining issues of packet duplication	Intel Corporation	Sudeep Palat	63872	discussion					10.3.3.5	PDCP duplication	19380	noted
1258	R2-1802956	Report of email discussion: [NR-AH1801#09][NR] L2 buffer size (Intel)	Intel Corporation	Sudeep Palat	63872	report					10.4.4.2	UE capabilities for EN DC	19110	noted
1259	R2-1802957	Slice based access control.	Intel Corporation	Sudeep Palat	63872	discussion					10.2.11	Slicing	401100	available
1260	R2-1802958	Slice based cell reselection	Intel Corporation	Sudeep Palat	63872	discussion					10.2.11	Slicing	29580	available
1261	R2-1802959	Stored System Information using Area ID	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.6.3	Stored system information	32270	available
1262	R2-1802960	Remaining issues on On demand System Information	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.6.6	On demand system information	31260	available
1263	R2-1802961	Security procedures during RRC connection setup	Intel Corporation	Sudeep Palat	63872	discussion					10.2.10	Security (non EN-DC)	36110	available
1264	R2-1802962	Release with redirection in NR SA	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.3.5	Other	29620	available
1265	R2-1802963	RRC Connection establishment optimisation for NR	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.3.3	Connection establishment procedures	20870	available
1266	R2-1802964	Dual registration solution for 5GS / EPS interworking	Intel Corporation	Sudeep Palat	63872	discussion					10.2.14	Other	26080	available
1267	R2-1802965	Supporting Integrity protection for DRB in EN-DC and Standalone	Intel Corporation	Sudeep Palat	63872	discussion		=> Offline#36 (Intel)			10 2.10	Security (non EN-DC)	17980	noted
1268	R2-1802966	Emergency call support in SA NR	Intel Corporation	Sudeep Palat	63872	discussion					10.2.14	Other	23580	available
1269	R2-1802967	Race conditions during SCG failure	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.3.1	Corrections to connection control for EN-DC	29670	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 151

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1255	15-Feb-18				Rel-15			NR_newRAT-Core									
1256	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1257	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1258	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1259	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1260	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1261	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1262	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1263	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1264	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1265	15-Feb-18	16-Feb-18	R2-1800942		Rel-15			NR_newRAT-Core									
1266	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1267	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1268	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1269	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 152

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1270	R2-1802968	Email disc. on [NR-AH1801#10][NR] UE Capabilities (Intel)	Intel Corporation	Sudeep Palat	63872	report					10.4.4.2	UE capabilities for EN DC	22850	revised
1271	R2-1802969	Updates of UE capabilities (38.331)	Intel Corporation	Sudeep Palat	63872	CR		=> Identified issues willl be discussed in ASN.1 parallel session.			10.4.4.1	TS	29700	revised
1272	R2-1802970	Updates of UE capabilities (38.306)	Intel Corporation	Sudeep Palat	63872	CR		First endorsed and then revised to include further updates.			10.4.4.1	TS	29420	revised
1273	R2-1802971	Updated open issue list	Intel Corporation	Sudeep Palat	63872	discussion					10.4.4.1	TS	29701	noted
1274	R2-1802972	CR on UE L1 feature list (38.331)	Intel Corporation	Sudeep Palat	63872	CR					10.4.4.1	TS	29720	withdrawn
1275	R2-1802973	CR on UE L1 feature list (38.306)	Intel Corporation	Sudeep Palat	63872	discussion					10.4.4.1	TS	29710	withdrawn
1276	R2-1802974	Further considerations on cell reselection	Intel Corporation	Sudeep Palat	63872	discussion					10.4.5.2	Selection/reselection rules	29740	available
1277	R2-1802975	Further considerations on idle/inactive measurements	Intel Corporation	Sudeep Palat	63872	discussion					10.4.5.3	Cell quality derivation	29750	available
1278	R2-1802976	Calculation of paging occasion	Intel Corporation	Sudeep Palat	63872	discussion					10.4.5.6	Idle/inactive paging	30650	available
1279	R2-1802977	Paging transmission option	Intel Corporation, Samsung, MediaTek, Lenovo, Motorola Mobility, Sony, NTT DOCOMO, KT, Panasonic	Sudeep Palat	63872	discussion					10.4.5.6	Idle/inactive paging	18030	noted
1280	R2-1802978	Measurement gap capability information for NR SA	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.4.3	Measurement gaps for non EN-DC	29780	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 153

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1270	15-Feb-18	22-Feb-18		R2-1803932	Rel-15			NR_newRAT-Core									
1271	15-Feb-18	27-Feb-18		R2-1803959	Rel-15	38.331	15.0.0	NR_newRAT-Core	0005		F						
1272	15-Feb-18	27-Feb-18		R2-1803942	Rel-15	38.306	15.0.0	NR_newRAT-Core	0003		F						
1273	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1274	15-Feb-18				Rel-15	38.331	15.0.0	NR_newRAT-Core	0006		F						
1275	15-Feb-18				Rel-15			NR_newRAT-Core									
1276	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1277	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1278	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1279	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1280	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 154

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1281	R2-1802979	Paging and Broadcast Information Handling in NR SA for RRC CONNECTED state UE	Intel Corporation	Sudeep Palat	63872	discussion					10.2.5	Bandwidth parts	18180	noted
1282	R2-1802980	Measurement gap indication for FR gap	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.4.2	Measurement gaps for EN-DC	26510	noted
1283	R2-1802981	0ms interruption time requirement for NR	Intel Corporation	Sudeep Palat	63872	discussion					4.1	Handover interruption time for LTE and NR	33450	available
1284	R2-1802982	Combined HO with SCG change	Intel Corporation	Sudeep Palat	63872	discussion		=> Offline#23 (Intel)			10.4.1.3.1	Corrections to connection control for EN-DC	29820	revised
1285	R2-1802983	SSB and CSI-RS configuration in measurement object	Intel Corporation	Sudeep Palat	63872	discussion					10.4.1.4.1	Corrections to RRM for EN-DC	29800	noted
1286	R2-1802984	Support of overheating indication for EN-DC	Intel Corporation	Sudeep Palat	63872	discussion					10.4.2.3	Corrections to other EN-DC aspects	34940	noted
1287	R2-1802985	Temporary capability restriction	Intel Corporation	Sudeep Palat	63872	discussion					10.4.4.3	Temporary capability restriction	29850	available
1288	R2-1802986	Maximum number of carriers in CA and DC	Intel Corporation	Sudeep Palat	63872	discussion		=> TP for 38.300 is agreed			10.2.2.1	User plane	29860	noted
1289	R2-1802987	Type 2 configured grant on SUL and UL	Intel Corporation	Sudeep Palat	63872	discussion					10.3.1.8	SPS/Grant-free	22120	not treated
1290	R2-1802988	LTE data-rate calculation for EN-DC	Intel Corporation	Sudeep Palat	63872	discussion					10.4.4.2	UE capabilities for EN DC	22830	noted
1291	R2-1802989	[DRAFT] LS on LTE peak data-rate calculation for EN-DC	Intel	Naveen Palle	74356	LS out	Approval				10.4.4.2	UE capabilities for EN DC	22840	revised
1292	R2-1802990	Discussion on different handling for critical data	LG Electronics France	Geumsan Jo	70566	discussion	Decision				9.5	Further video enhancements for LTE	29910	available
1293	R2-1802991	Differant handling for critical data	LG Electronics	Geumsan Jo	70566	CR	Agreement				9.5	Further video enhancements for LTE	29990	available
1294	R2-1802992	Restart condition of sCellDeactivationTimer for configured UL grant and configured DL assignment	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				10.3.1.8	SPS/Grant-free	29930	noted
1295	R2-1802993	TP on Restart condition of sCellDeactivationTimer for configured UL grant and configured DL assignment	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				10.3.1.8	SPS/Grant-free	37690	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 155

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1281	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1282	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1283	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1284	15-Feb-18	16-Feb-18		R2-1803935	Rel-15			NR_newRAT-Core									
1285	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1286	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1287	15-Feb-18	16-Feb-18	R2-1800947		Rel-15			NR_newRAT-Core									
1288	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1289	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1290	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1291	15-Feb-18	16-Feb-18		R2-1803950	Rel-15			NR_newRAT-Core						RAN1	RAN4		
1292	15-Feb-18	15-Feb-18	R2-1713685		Rel-15			LTE_ViLTE_enh2-Core									
1293	15-Feb-18	15-Feb-18	R2-1713686		Rel-15	36.323	14.5.0	TEI15	0214	1	B						
1294	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1295	15-Feb-18	16-Feb-18			Rel-15	38.321		NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 156

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1296	R2-1802994	Consideration on indicating RLC max retransmissions	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				10.3.2.3	Impact of PDCP duplication to RLC	33180	available
1297	R2-1802995	Further consideration on SPS for NB-IoT	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				9.13.5	Semi-Persistent Scheduling	36940	available
1298	R2-1802996	(N)PRACH resource partitioning for EDT indication	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				9.14.2	Early data transmission	34870	available
1299	R2-1802997	Consideration on UL grant for Msg3	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				9.14.2	Early data transmission	26030	available
1300	R2-1802998	Remaining details of RLC UM for NB-IoT	LG Electronics Mobile Research	Gyeongcheol LEE	70554	discussion	Decision				9.13.10	Other	25650	available
1301	R2-1802999	Differant handling for critical data	LG Electronics	Geumsan Jo	70566	CR	Agreement				9.5	Further video enhancements for LTE	36990	available
1302	R2-1803000	Introduction of RLC UM for NB-IoT	LG Electronics Mobile Research	Gyeongcheol LEE	70554	draftCR	Approval				9.13.10	Other	25680	available
1303	R2-1803001	High data rate impact on packet discard in NR	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.2.14	Other	33330	available
1304	R2-1803002	Impacts on Dual registration	Huawei, HiSilicon	Zhenzhen Cao	58032	discussion	Agreement				10.2.14	Other	26070	noted
1305	R2-1803003	Drafty reply LS on Dual registration	Huawei, HiSilicon	Zhenzhen Cao	58032	LS out	Agreement				10.2.14	Other	26400	available
1306	R2-1803004	Correction on TX_Next - 1 for POLL_SN and the RLC SDU for retransmission	LG Electronics Mobile Research, MediaTek Inc., Sharp, Samsung, Huawei, Qualcomm	Gyeongcheol LEE	70554	discussion	Discussion				10.3.2.4	Other	18230	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 157

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1296	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1297	15-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1298	15-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
1299	15-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
1300	15-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1301	15-Feb-18	15-Feb-18	R2-1713689		Rel-15	36.331	15.0.1	TEI15	3196	1	B						
1302	15-Feb-18	16-Feb-18			Rel-15	36.323	14.5.0	NB_IOTenh2-Core			F						
1303	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1304	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1305	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core					R2-1710242	SA2	RAN1, RAN4		
1306	15-Feb-18	16-Feb-18	R2-1801562		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 158

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1307	R2-1803005	TP on Correction on TX_Next - 1 for POLL_SN and the RLC SDU for retransmission	LG Electronics Mobile Research, MediaTek Inc., Sharp, Samsung	Gyeongcheol LEE	70554	discussion	Decision	=> Offline#142			10.3.2.4	Other	30040	available
1308	R2-1803006	Introduction of further NB-IoT enhancements in 36.322	Ericsson	Ritesh Shreevastav	69655	draftCR	Agreement				9.13.1	Organisational	22350	available
1309	R2-1803007	Introduction of further NB-IoT enhancements in 36.306	Ericsson	Ritesh Shreevastav	69655	draftCR	Agreement				9.13.1	Organisational	30060	available
1310	R2-1803008	Email discussion report on Timer impact of TDD	Ericsson	Ritesh Shreevastav	69655	report	Discussion				9.13.8	TDD	22280	noted
1311	R2-1803009	Text proposal for PDCP duplication	Huawei/Hi Silicon	Yinghao Guo	72226	discussion					10.3.3.1	TS	30090	not treated
1312	R2-1803010	SI modification for Stored SI	ITL	Kibum Kwon	58616	discussion					10.4.1.6.4	System information modification	30100	available
1313	R2-1803011	Considerations on signalling for packet duplication via Sidelink	ITL	Kibum Kwon	58616	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19600	available
1314	R2-1803012	MIB, SIBs and Paging for NB-IoT TDD	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.13.8	TDD	30180	available
1315	R2-1803013	Carrier aggregation with both of carriers provided by eNB and only allowed to use in OOC	LG Electronics	Taehun Kim	58301	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	33500	available
1316	R2-1803014	The way to figure out high rate transmission support of transmitting Ues	LG Electronics	Taehun Kim	58301	discussion					9.10.4	Others	18510	available
1317	R2-1803015	LS on support of 64QAM and Tx diversity for Rel-15 V2X UE	LG Electronics	Taehun Kim	58301	LS out					9.10.4	Others	35220	available
1318	R2-1803016	Addition of Core Network type information in RRC signalling	LG Electronics	Taehun Kim	58301	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	17770	noted
1319	R2-1803017	Synchronization of UE context during RNA update procedure	LG Electronics	Taehun Kim	58301	discussion					10.4.1.7.7	Inactive - other	32610	available
1320	R2-1803018	Analysis on NB-TDD RAR Window Size and Contention Resolution Timers	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.13.8	TDD	22290	available
1321	R2-1803019	Discussion on conditional handover in NR	KT Corp.	Sungpyo Hong	76242	discussion					10.2.7	Mobility mechanisms - other	30190	available
1322	R2-1803020	Consideration on Access Control in NR	KT Corp.	Sungpyo Hong	76242	discussion					10.4.1.8.1	Access control for Idle/Inactive	29390	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 159

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1307	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1308	15-Feb-18	16-Feb-18	R2-1713691		Rel-15	36.322	15.0.0	NB_IOTenh2-Core			B						
1309	15-Feb-18	16-Feb-18	R2-1713690		Rel-15	36.306	14.5.0	NB_IOTenh2-Core			B						
1310	15-Feb-18	16-Feb-18			Rel-15												
1311	15-Feb-18	15-Feb-18			Rel-15												
1312	15-Feb-18	15-Feb-18	R2-1801268		Rel-15												
1313	15-Feb-18	15-Feb-18			Rel-15												
1314	15-Feb-18	16-Feb-18			Rel-15												
1315	15-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
1316	15-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core									
1317	15-Feb-18	15-Feb-18			Rel-15			LTE_eV2X-Core						SA1, SA2			
1318	15-Feb-18	15-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1319	15-Feb-18	15-Feb-18	R2-1801358		Rel-15			NR_newRAT-Core									
1320	15-Feb-18	16-Feb-18			Rel-15												
1321	15-Feb-18	15-Feb-18	R2-1800609														
1322	15-Feb-18	15-Feb-18	R2-1800608														

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 160

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1323	R2-1803021	Remaining issues of stage 2 basic mobility mechanism and TP	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.2.4	Mobility mechanisms - basic handover	33390	available
1324	R2-1803022	Clarification for initial BWP ID configuration for DCI indication	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.4.3.2	ASN.1 issue documents	30250	revised
1325	R2-1803023	Cell Reselection in RRC Inactive	Interdigital Asia LLC	Martino Freda	44622	discussion	Approval				10.4.1.7.7	Inactive - other	32670	available
1326	R2-1803024	QoS flow to DRB remapping	LG Electronics France	Geumsan Jo	70566	discussion					10.3.4.3	QoS flow remapping and handover	19700	noted
1327	R2-1803025	CR for NZP-CSI-RS-resource configuration (RIL Q307 Q308)	Qualcomm Incorporated	Peng Cheng	62902	CR	Approval				10.4.3.2	ASN.1 issue documents	30570	available
1328	R2-1803026	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel	Achilles Kogiantis	64286	CR	Approval	Introduce an exemption to the override of the establishmentCause at the RRC during MMTEL voice origination when the establishmentCause received from upper layers has been set to the highPriorityAccess value.			6	LTE: REL-12 AND EARLIER RELEASES	30260	not pursued
1329	R2-1803027	CR for timing advance of measurement gap in TR36.331	Qualcomm Incorporated	Peng Cheng	62902	CR	Approval				10.4.3.2	ASN.1 issue documents	389600	withdrawn
1330	R2-1803028	Japanese regulation regarding HPUE UL CA in Band 41	KDDI Corporation	Masaaki Obara	46347	discussion	Discussion	This contribution tries to share issues regarding HPUE UL CA operation in Japan. Suggestions to solve issues would be also included but another solution is also welcomed.			9.21.2	Other	36030	available
1331	R2-1803029	Discussion on SIB Design for Broadcast of RTK Assistance Data	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.8 5	Broadcasting of assistance data	36320	available
1332	R2-1803030	Beam management in C-DRX	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.3.1.10	DRX	21470	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1323	15-Feb-18	15-Feb-18			Rel-15												
1324	15-Feb-18	15-Feb-18		R2-1803768	Rel-15			NR_newRAT-Core									
1325	15-Feb-18	16-Feb-18			Rel-15												
1326	15-Feb-18	15-Feb-18						NR_newRAT-Core									
1327	15-Feb-18	20-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core	0007		F						
1328	15-Feb-18	15-Feb-18			Rel-12	36.331	12.16.0	TEI12	3258		F						
1329	15-Feb-18				Rel-15	36.331	15.0.1	NR_newRAT-Core	3259		B						
1330	15-Feb-18	15-Feb-18			Rel-15												
1331	15-Feb-18	16-Feb-18			Rel-15												
1332	15-Feb-18	15-Feb-18	R2-1801261		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 162

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1333	R2-1803031	Beam refinement after beam recovery or scheduling request	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	29490	available
1334	R2-1803032	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel	Achilles Kogiantis	64286	CR	Approval	Introduce an exemption to the override of the establishmentCause at the RRC during MMTEL voice origination when the establishmentCause received from upper layers has been set to the highPriorityAccess value.			6	LTE: REL-12 AND EARLIER RELEASES	30320	not pursued
1335	R2-1803033	New SIB(s) for RTK Assistance Data Broadcast	Ericsson	Ritesh Shreevastav	69655	CR	Agreement				9.8.5	Broadcasting of assistance data	36420	withdrawn
1336	R2-1803034	Measurement reporting and beam refinement during RACH	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	30310	available
1337	R2-1803035	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel	Achilles Kogiantis	64286	CR	Approval	Introduce an exemption to the override of the establishmentCause at the RRC during MMTEL voice origination when the establishmentCause received from upper layers has been set to the highPriorityAccess value. => Offline#101 (Vencore Labs)			6	LTE: REL-12 AND EARLIER RELEASES	30350	revised
1338	R2-1803036	Remaining RRC procedure issues of BWP	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.4.1.3.4	Connection reconfiguration procedures	30360	available
1339	R2-1803037	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel	Achilles Kogiantis	64286	CR	Approval	Introduce an exemption to the override of the establishmentCause at the RRC during MMTEL voice or MMTEL video origination when the establishmentCause received from upper layers has been set to the highPriorityAccess value. Also the same exemption is propo			6	LTE: REL-12 AND EARLIER RELEASES	30370	revised
1340	R2-1803038	Mode 3 behaviour in shared resource pools for V2X phase 2	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	30380	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 163

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1333	15-Feb-18	15-Feb-18	R2-1801269		Rel-15			NR_newRAT-Core									
1334	15-Feb-18	15-Feb-18			Rel-13	36.331	13.8.1	TEI12	3260		A						
1335	15-Feb-18				Rel-15	36.331	15.0.1	LCS_LTE_acc_enh-Core	3261		B						
1336	15-Feb-18	15-Feb-18	R2-1801255		Rel-15			NR_newRAT-Core									
1337	15-Feb-18	15-Feb-18		R2-1803834	Rel-14	36.331	14.5.1	TEI12	3262		A						
1338	15-Feb-18	15-Feb-18	R2-1801287		Rel-15			NR_newRAT-Core									
1339	15-Feb-18	15-Feb-18		R2-1803861	Rel-15	36.331	15.0.1	TEI12	3263		A						
1340	15-Feb-18	15-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 164

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1341	R2-1803039	Mode 4 behaviour in shared resource pools for V2X phase 2	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	30390	available
1342	R2-1803040	Priority Indication for prioritized random access	Vencore Labs, OEC	Achilles Kogiantis	64286	discussion	Decision	Propose to reflect the new agreements in SA1 on the use of Access Identity for prioritized RACH. Also, during RRC states where QoS information is available to the UE, propose the UE to make use of the priority override of the standardized 5QI mechanism i			10.3.1.4.1	Differentiation of RA parameters	35680	revised
1343	R2-1803041	Discussions on whether to reuse LTE RRM features in NR	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.4.1.4.6	Other	30410	withdrawn
1344	R2-1803042	Report of Email Discussion [NR-AH1801#08][NR] Measurement gap coordination assistance info	Rapporteur (Samsung)	Pravjyot Singh Deogun	64590	report		=> Offline#25 (Nokia): TP based on this paper.			10.4.1.4.2	Measurement gaps for EN-DC	22740	available
1345	R2-1803043	Measurement Gap Offset Calculation	Samsung R&D Institute India	Pravjyot Singh Deogun	64590	discussion					10.4.1.4.2	Measurement gaps for EN-DC	37240	available
1346	R2-1803044	Conditional handover in NR system	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				10.2.7	Mobility mechanisms - other	30440	available
1347	R2-1803045	Identification of Contention based random access for beam failure recovery	SHARP Corporation	Takako Sanda	71762	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	30340	available
1348	R2-1803046	Remaining issues on contention free random access for beam failure recovery	SHARP Corporation	Takako Sanda	71762	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	30450	available
1349	R2-1803047	Impacts of SCell activation/deactivation on activation/deactivation of PDCP duplication in CA	SHARP Corporation	Takako Sanda	71762	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	31600	not treated
1350	R2-1803048	Considerations on Establishment cause for NR	KDDI Corporation	Hiroki Takeda	58815	discussion					10.4.1.3.3	Connection establishment procedures	30480	available
1351	R2-1803049	Discussion points for UAV mobility enhancement	KDDI Corporation	Hiroki Takeda	58815	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	28950	available
1352	R2-1803050	Support for IMS emergency services in NR	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				10.2.14	Other	23590	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 165

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1341	15-Feb-18	15-Feb-18			Rel-15												
1342	15-Feb-18	15-Feb-18		R2-1803767	Rel-15	36.331		NR_newRAT-Core									
1343	15-Feb-18				Rel-15			NR_newRAT-Core									
1344	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1345	15-Feb-18	16-Feb-18															
1346	15-Feb-18	15-Feb-18	R2-1801026		Rel-15			NR_newRAT-Core									
1347	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1348	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1349	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1350	15-Feb-18	15-Feb-18	R2-1800576		Rel-15												
1351	15-Feb-18	15-Feb-18															
1352	15-Feb-18	15-Feb-18	R2-1801251		Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 166

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1353	R2-1803051	Network slicing information delivery via RRC messages	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				10.2.11	Slicing	30510	available
1354	R2-1803052	Access barring for CE level in efeMTC	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.14.5	Access/load control of idle mode UEs	30520	available
1355	R2-1803053	Access barring for CE level in feNB-IOT	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.14.5	Access/load control of idle mode UEs	36960	available
1356	R2-1803054	Further discussion on MO EDT scenarios	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.14.2	Early data transmission	31440	available
1357	R2-1803055	Network slicing information delivery for LTE connected to 5GC	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.7.2	Stage 2 aspects independent from NR/5GC	31310	available
1358	R2-1803056	Assistance Info for UE specific Gap coordination	Nokia, Nokia Shanghai Bell, vivo	Jing He	73483	discussion					10.4.1.4.2	Measurement gaps for EN-DC	26470	noted
1359	R2-1803057	Discussion for RAN3 LS about Cell Level SMTC-Config container	Nokia, Nokia Shanghai Bell	Jing He	73483	discussion					10.4.3.2	ASN.1 issue documents	30580	available
1360	R2-1803058	Drafted LS to reply RAN3 on required information for NSA on X2	Nokia	Jing He	73483	LS out					10.4.3.2	ASN.1 issue documents	31030	revised
1361	R2-1803059	TP to 38.331 on System Information	Ericsson	Janne Peisa	33372	discussion					10.4.1.6.7	System information -other	30590	available
1362	R2-1803060	Dedicated PRACH resource for beam failure recovery	Lenovo, Motorola Mobility	Wu Lianhai	70742	discussion	Decision				10.2.14	Other	34190	available
1363	R2-1803061	BWP ambiguilty in contention-based RACH procedure	MediaTek Inc.	Guanyu Lin	65848	discussion	Decision	=> Offline#120 (Ericsson)			10.3.1.2	MAC general aspects	18170	noted
1364	R2-1803062	Correction on handling of BWP inactivity timer	MediaTek Inc.	Guanyu Lin	65848	discussion	Decision				10.3.1.2	MAC general aspects	22030	noted
1365	R2-1803063	Correction on new immediate transmission for BSR	MediaTek Inc.	Guanyu Lin	65848	discussion	Decision				10.3.1.6	BSR	32070	not treated
1366	R2-1803064	Contention resolution for Msg3 based SI request for broadcast delivery	MediaTek Inc.	Guanyu Lin	65848	discussion	Decision				10.3.1.4.3	Random access procedures	32000	not treated
1367	R2-1803065	Unambiguous derivation of group paging identifier for response-driven paging	Ericsson	Janne Peisa	33372	discussion					10.4.5.6	Idle/inactive paging	31410	available
1368	R2-1803066	Lower power class UE for LTE-MTC	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.10	Other	30660	available
1369	R2-1803067	Introducing 14 dBm UE power class for BL UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.10	Other	30670	available
1370	R2-1803068	Introducing 14 dBm UE power class for BL UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.10	Other	30680	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 167

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1353	15-Feb-18	15-Feb-18	R2-1801252		Rel-15												
1354	15-Feb-18	15-Feb-18	R2-1713755		Rel-15												
1355	15-Feb-18	15-Feb-18	R2-1713756		Rel-15												
1356	15-Feb-18	15-Feb-18			Rel-15												
1357	15-Feb-18	15-Feb-18			Rel-15												
1358	15-Feb-18	15-Feb-18															
1359	15-Feb-18	15-Feb-18			Rel-15												
1360	15-Feb-18	15-Feb-18		R2-1804015										RAN3	RAN1, RAN4		
1361	15-Feb-18	15-Feb-18															
1362	15-Feb-18	15-Feb-18	R2-1712959		Rel-15												
1363	15-Feb-18	16-Feb-18															
1364	15-Feb-18	16-Feb-18															
1365	15-Feb-18	16-Feb-18															
1366	15-Feb-18	16-Feb-18	R2-1801271														
1367	15-Feb-18	15-Feb-18															
1368	15-Feb-18	16-Feb-18						LTE_eMTC4-Core									
1369	15-Feb-18	16-Feb-18			Rel-15	36.304	14.5.0	LTE_eMTC4-Core			B						
1370	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 168

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1371	R2-1803069	Introducing 14 dBm UE power class for BL UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.10	Other	30690	available
1372	R2-1803070	Temporary SI densification for efeMTC and feNB-IoT	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.3	System acquisition time enhancements	30720	noted
1373	R2-1803071	Skipping SIB1-BR acquisition	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.3	System acquisition time enhancements	21240	available
1374	R2-1803072	Skipping SIB1-BR acquisition	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.3	System acquisition time enhancements	21250	noted
1375	R2-1803073	Msg3 handling in early data transmission	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	30780	available
1376	R2-1803074	Security for Msg3 in early data transmission	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	30750	available
1377	R2-1803075	Remaining Issues on early data transmission over CP	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	29960	available
1378	R2-1803076	Remaining issues on early data transmission over UP	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	29970	available
1379	R2-1803077	[100#38][MTC/NB-IoT] Padding issue in Msg3	Ericsson	Tuomas Tirronen	73195	report					9.14.2	Early data transmission	22150	noted
1380	R2-1803078	Details on PRACH partitioning for EDT	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	34170	available
1381	R2-1803079	Evaluation for early data transmissions	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	388200	withdrawn
1382	R2-1803080	TB sizes and UL grant for Msg3	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.2	Early data transmission	22180	available
1383	R2-1803081	DRAFT Reply LS to RAN1 on early data transmission	Ericsson	Tuomas Tirronen	73195	LS out	Approval				9.14.2	Early data transmission	22190	noted
1384	R2-1803082	Uplink HARQ ACK feedback for MTC	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.6	Uplink HARQ-ACK feedback	21830	available
1385	R2-1803083	Uplink HARQ ACK feedback for MTC	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.6	Uplink HARQ-ACK feedback	31220	available
1386	R2-1803084	Uplink HARQ ACK feedback for MTC	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.6	Uplink HARQ-ACK feedback	32780	available
1387	R2-1803085	Uplink HARQ ACK feedback for MTC	Ericsson	Tuomas Tirronen	73195	CR					9.14.6	Uplink HARQ-ACK feedback	32890	withdrawn
1388	R2-1803086	CRS muting	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.10	Other	30860	available
1389	R2-1803087	Introduction of UE capability for PUSCH sub-PRB allocation	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.8	Increased PUSCH spectral efficiency	30870	available
1390	R2-1803088	Introduction of UE capability for PUSCH sub-PRB allocation	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.8	Increased PUSCH spectral efficiency	30880	available
1391	R2-1803089	Introduction of DL 64QAM for BL/CE UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.7	Increased PDSCH spectral efficiency	30890	available
1392	R2-1803090	Introduction of DL 64QAM for BL/CE UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.7	Increased PDSCH spectral efficiency	30900	available
1393	R2-1803091	Improved Idle Mode Access control for efeMTC and feNB-IoT UEs	Ericsson	Tuomas Tirronen	73195	discussion	Decision				9.14.5	Access/load control of idle mode UEs	30910	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 169

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1371	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
1372	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1373	15-Feb-18	16-Feb-18	R2-1713051					LTE_eMTC4-Core									
1374	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
1375	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1376	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1377	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1378	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1379	15-Feb-18	15-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1380	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1381	15-Feb-18							LTE_eMTC4-Core, NB_IOTenh2-Core									
1382	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1383	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core					R2-1714156	RAN1			
1384	15-Feb-18	16-Feb-18						LTE_eMTC4-Core									
1385	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
1386	15-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	LTE_eMTC4-Core			B						
1387	15-Feb-18				Rel-15	36.331	15.0.1	LTE_eMTC4-Core	3264		B						
1388	15-Feb-18	16-Feb-18	R2-1713063					LTE_eMTC4-Core									
1389	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
1390	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
1391	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_eMTC4-Core			B						
1392	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
1393	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 170

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1394	R2-1803092	Improved Idle Mode Access control for efeMTC and feNB-IoT UEs	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.5	Access/load control of idle mode UEs	30920	available
1395	R2-1803093	Running Rel-15 36.321 CR for NB-IoT	Ericsson	Tuomas Tirronen	73195	draftCR					9.13.1	Organisational	30070	available
1396	R2-1803094	Review issue list for TS 36.331 EN-DC ASN.1 freeze	Rapporteur (Samsung)	Himke Van der Velde	3491	report	Endorsement				10.4.3.1	Rapporteur inputs	37730	available
1397	R2-1803095	Miscellaneous corrections from review in preparation for ASN.1 freeze	Rapporteur (Samsung)	Himke Van der Velde	3491	CR	Agreement				10.4.3.1	Rapporteur inputs	393300	available
1398	R2-1803096	Changes requires to support baseline HO procedure	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.1.5.3	Handover	30960	available
1399	R2-1803097	Use of identifier representing NR UE capabilities, baseline	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.4.4	Other aspects for non EN-DC	30970	available
1400	R2-1803098	Connection control messages, harmonised initial baseline	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.1.3.2	Connection control message harmonisation	32420	available
1401	R2-1803099	Introducing support for NR, changes only relevant for SA	Samsung	Himke Van der Velde	3491	CR	Endorsement				10.4.2.1	Running CR	30990	available
1402	R2-1803100	Dedicated signalling of SI upon UE mobility	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.1.5.3	Handover	31000	available
1403	R2-1803101	Inter RAT mobility, defining initial baseline	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.1.4.6	Other	31010	available
1404	R2-1803102	Remaining issues on including results of NR serving frequencies in LTE MR	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision	=> Offline#26 (Samsung)			10.4.2.2	Corrections to RRM measurements for EN-DC	31020	noted
1405	R2-1803103	NR reconfiguration message structure for NSA & SA (38331 RIL issue Z081)	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.3.2	ASN.1 issue documents	31040	available
1406	R2-1803104	Moving reconfiguration with sync to SpCell configuration (38331 RIL issue S003)	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.3.2	ASN.1 issue documents	31060	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 171

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1394	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core, NB_IOTenh2-Core			B						
1395	15-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	NB_IOTenh2-Core			B						
1396	15-Feb-18	27-Feb-18	R2-1800846														
1397	15-Feb-18	27-Feb-18	R2-1800847		Rel-15	36.331	15.0.1	NR_newRAT-Core	3208	1	F						
1398	15-Feb-18	16-Feb-18															
1399	15-Feb-18	15-Feb-18															
1400	15-Feb-18	15-Feb-18															
1401	15-Feb-18	15-Feb-18	R2-1800851		Rel-15	36.331	15.0.1	NR_newRAT-Core	3186	2	B						
1402	15-Feb-18	15-Feb-18															
1403	15-Feb-18	15-Feb-18															
1404	15-Feb-18	15-Feb-18															
1405	15-Feb-18	15-Feb-18															
1406	15-Feb-18	15-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 172

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1407	R2-1803105	Some remaining issues concerning RRC Inter-node messages	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.1.9.1	Inter-Node RRC messages for non EN-DC	31050	reserved
1408	R2-1803106	Configuration of allowedServingCells (38331 RIL issue Z200)	ZTE, Sanechips	River Huang	43874	discussion	Discussion	=> The change is not needed.			10.4.3.2	ASN.1 issue documents	20150	noted
1409	R2-1803107	[DRAFT] LS on mutiple cell SPS (de)activation	OPPO	Qianxi Lu	71851	LS out					9.15	Highly Reliable Low Latency Communication for LTE	27170	available
1410	R2-1803108	Stopping UL transmissions at detection of beam failure	Lenovo, Motorola Mobility	Joachim Loehr	70607	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	32300	available
1411	R2-1803109	Maintenance of Timing Advance at TA timer expiry	Lenovo, Motorola Mobility	Joachim Loehr	70607	discussion	Decision				10.3.1.13	Other	28470	not treated
1412	R2-1803110	Remaining issues on PDCP packet duplication	Lenovo, Motorola Mobility	Joachim Loehr	70607	discussion	Decision				10.3.3.5	PDCP duplication	18410	noted
1413	R2-1803111	PHR for NR CA	Lenovo, Motorola Mobility	Joachim Loehr	70607	discussion	Decision				10.3.1.12	PHR	22810	noted
1414	R2-1803112	UE capability for Maximum channel bandwidth	Qualcomm Incorporated	Masato Kitazoe	29801	discussion	Decision	=> Wait for RAN4 before discusisng again.			10.4.4.2	UE capabilities for EN DC	29680	noted
1415	R2-1803113	Backoff value setting on SS block change	Google Inc.	Shiangrung Ye	76094	discussion	Approval				10.3.1.4.2	Random access in presence of multi-beam operation	30460	available
1416	R2-1803114	Changes related to skipping UL transmission	Google Inc.	Shiangrung Ye	76094	discussion					10.3.1.8	SPS/Grant-free	31640	noted
1417	R2-1803115	Consideration on the signalling structure for RA	ZTE Corporation, Sanechips	Sergio Parolari	26217	discussion	Decision				10.4.3.2	ASN.1 issue documents	31150	available
1418	R2-1803116	PDCP duplication	Qualcomm Incorporated	Ruiming Zheng	49864	discussion	Decision				10.3.3.5	PDCP duplication	31160	not treated
1419	R2-1803117	Impact of PDCP duplication on LCP	Qualcomm Incorporated	Ruiming Zheng	49864	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	21490	not treated
1420	R2-1803118	Discussion on new MAC CE for MIMO	Qualcomm Incorporated	Ruiming Zheng	49864	discussion	Decision				10.3.1.3	MAC PDU format	37630	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 173

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1407	15-Feb-18																
1408	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1409	15-Feb-18	15-Feb-18						LTE_HRLLC-Core						RAN1			
1410	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1411	15-Feb-18	15-Feb-18	R2-1800678		Rel-15			NR_newRAT-Core									
1412	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1413	15-Feb-18	15-Feb-18	R2-1800680		Rel-15			NR_newRAT-Core									
1414	15-Feb-18	16-Feb-18	R2-1800907		Rel-15			NR_newRAT									
1415	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1416	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1417	15-Feb-18	21-Feb-18			Rel-15												
1418	15-Feb-18	16-Feb-18	R2-1801244		Rel-15			NR_newRAT-Core									
1419	15-Feb-18	16-Feb-18	R2-1801253		Rel-15			NR_newRAT-Core									
1420	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 174

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1421	R2-1803119	Duplication activation/deactivation MAC CE	Qualcomm Incorporated	Ruiming Zheng	49864	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	19960	not treated
1422	R2-1803120	Scheduling multiple SI messages in a single window	Ericsson	Janne Peisa	33372	discussion					10.4.1.6.5	System information scheduling	31200	available
1423	R2-1803121	PDCP Count wrap around stage 2 description	Vodafone GmbH	Alexey Kulakov	76045	discussion	Decision				9.7.2	Stage 2 aspects independent from NR/5GC	32220	available
1424	R2-1803122	Uplink HARQ ACK feedback for MTC	Ericsson	Tuomas Tirronen	73195	draftCR					9.14.6	Uplink HARQ-ACK feedback	32790	noted
1425	R2-1803123	UE Capability Restrictions	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.4.3	Temporary capability restriction	31230	available
1426	R2-1803124	UE Capability Compression	Ericsson	Stefan Wager	65332	discussion	Agreement				10.4.4.4	Other aspects for non EN-DC	31240	available
1427	R2-1803125	Service based cell reselection	Sony	Vivek Sharma	56626	discussion					10.4.5.4	Service based reselection	31250	available
1428	R2-1803126	Necessity of indication that on demand SI is being broadcast	Sony	Vivek Sharma	56626	discussion					10.4.1.6.6	On demand system information	33630	available
1429	R2-1803127	Remaining issues on stored SI	Sony	Vivek Sharma	56626	discussion					10.4.1.6.3	Stored system information	33600	available
1430	R2-1803128	Temporary capability signaling for LTE-NR co-existence	Sony	Vivek Sharma	56626	discussion					10.4.2.3	Corrections to other EN-DC aspects	29840	available
1431	R2-1803129	Location based mobility enhancements for UAVs	Sony	Vivek Sharma	56626	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	29070	available
1432	R2-1803130	ANR enhancements involving 5GC	Sony	Vivek Sharma	56626	discussion					9.7 2	Stage 2 aspects independent from NR/5GC	32690	available
1433	R2-1803131	Coexistence of 5GC and legacy eNB in the same network	Sony	Vivek Sharma	56626	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	36100	available
1434	R2-1803132	Some considerations on 0msec interruption HO	Sony	Vivek Sharma	56626	discussion					4.1	Handover interruption time for LTE and NR	33460	available
1435	R2-1803133	NSSAI in MSG5	Sony	Vivek Sharma	56626	discussion					10.2.11	Slicing	31330	available
1436	R2-1803134	WUS aspects on grouping and mobility for efeMTC and feNB-IoT	Sony	Vivek Sharma	56626	discussion					9.13.9	Wake Up Signal	31340	available
1437	R2-1803135	State transition timing from RRC Inactive to Idle	Sony	Vivek Sharma	56626	discussion					10.4.1.7.7	Inactive - other	32680	available
1438	R2-1803136	UE specific Paging area definition	Sony	Vivek Sharma	56626	discussion					10.4.1.7.1	RAN area configuration	37600	available
1439	R2-1803137	NR Access Control for cell reselection	Sony	Vivek Sharma	56626	discussion					10.4.1.8.1	Access control for Idle/Inactive	30200	available
1440	R2-1803138	Potential handover enhancements for aerial UE	Sony	Vivek Sharma	56626	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	32180	available
1441	R2-1803139	Discussion on identification of aerial UE	Sony	Vivek Sharma	56626	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	33480	available
1442	R2-1803140	Considerations on IMU positioning	Sony	Vivek Sharma	56626	discussion					9.8.3	Support for IMU positioning	34520	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 175

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1421	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1422	15-Feb-18	15-Feb-18															
1423	15-Feb-18	15-Feb-18			Rel-15												
1424	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core			B						
1425	15-Feb-18	15-Feb-18	R2-1801164		Rel-15			NR_newRAT-Core									
1426	15-Feb-18	15-Feb-18	R2-1801165		Rel-15			NR_newRAT-Core									
1427	15-Feb-18	15-Feb-18	R2-1800986		Rel-15			NR_newRAT-Core									
1428	15-Feb-18	15-Feb-18	R2-1800985		Rel-15			NR_newRAT-Core									
1429	15-Feb-18	15-Feb-18	R2-1800987		Rel-15			NR_newRAT-Core									
1430	15-Feb-18	15-Feb-18	R2-1800982		Rel-15			NR_newRAT-Core									
1431	15-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1432	15-Feb-18	15-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1433	15-Feb-18	15-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1434	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1435	15-Feb-18	15-Feb-18	R2-1800984		Rel-15			NR_newRAT-Core									
1436	15-Feb-18	15-Feb-18	R2-1712993		Rel-15			NB_IOTenh2-Core									
1437	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1438	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1439	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1440	15-Feb-18	15-Feb-18	R2-1712992		Rel-15			LTE_Aerial-Core									
1441	15-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1442	15-Feb-18	15-Feb-18			Rel-15			LCS_LTE_acc_enh-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 176

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1443	R2-1803141	Considerations on Multi-beams Operation & Paging Resource Allocation	Sony	Vivek Sharma	56626	discussion					10.4.5.6	Idle/inactive paging	31480	withdrawn
1444	R2-1803142	Report of email discussion [99bis#57][LTE/Positioning] Future phase support of SSR	u-blox AG	David Bartlett	73201	discussion					9.8 2	GNSS positioning enhancements	34530	available
1445	R2-1803143	Consideration of MT case for early data transmission	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.14.2	Early data transmission	30800	available
1446	R2-1803144	RRC-MAC interacton for fallback regarding the UL grant	LG Electronics UK	HyunJung Choe	74476	discussion	Discussion				9.14.2	Early data transmission	30790	available
1447	R2-1803145	Shared resource pool configuration for mode 4	Samsung	Youngjoong Mok	70634	discussion	Decision				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	31450	available
1448	R2-1803146	Network coordination for aligning the number of measurement layers across LTE and NR	Nokia, Nokia Shanghai Bell	Amaanat Ali	68254	discussion	Discussion				10.4.1.4.1	Corrections to RRM for EN-DC	29830	noted
1449	R2-1803147	Making SRB3 a mandatory feature	Nokia, Nokia Shanghai Bell	Amaanat Ali	68254	discussion	Discussion				10.4.4.2	UE capabilities for EN DC	22910	available
1450	R2-1803148	On Frequently Paged UEs in Response-Driven Paging	Nokia, Nokia Shanghai Bell	Amaanat Ali	68254	discussion	Discussion				10.4.5.6	Idle/inactive paging	31490	available
1451	R2-1803149	Definition of Paging Indicator for Response-Driven Paging	Nokia, Nokia Shanghai Bell	Amaanat Ali	68254	discussion	Discussion				10.4.5.6	Idle/inactive paging	31500	available
1452	R2-1803150	Truncated UE-ID with Configurable Length for Response-Driven Paging	Nokia, Nokia Shanghai Bell	Amaanat Ali	68254	discussion	Discussion				10.4.5.6	Idle/inactive paging	31740	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 177

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1443	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1444	15-Feb-18	15-Feb-18															
1445	15-Feb-18	15-Feb-18			Rel-15												
1446	15-Feb-18	15-Feb-18			Rel-15												
1447	15-Feb-18	15-Feb-18			Rel-15												
1448	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1449	15-Feb-18	16-Feb-18	R2-1800771		Rel-15			NR_newRAT									
1450	15-Feb-18	16-Feb-18	R2-1800773		Rel-15			NR_newRAT									
1451	15-Feb-18	16-Feb-18	R2-1800774		Rel-15			NR_newRAT									
1452	15-Feb-18	16-Feb-18	R2-1800775					NR_newRAT									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 178

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1453	R2-1803151	Covering note for SRB3	Nokia, Nokia Shanghai Bell, NTT DOCOMO INC., Deutsche Telekom AG, MediaTek Inc., Interdigital LLC, Vodafone GmbH, CATT, AT&T, Verizon Wireless	Amaanat Ali	68254	discussion	Discussion				10.4.4.2	UE capabilities for EN DC	26050	noted
1454	R2-1803152	Number of supported Data Radio Bearers in NR	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.2.12	QoS	22640	available
1455	R2-1803153	Notification control	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.2.12	QoS	31550	available
1456	R2-1803154	Number of DRBs in E-UTRA connected to 5GC	Ericsson	Henrik Enbuske	32991	discussion					9.7.3	Stage 2 aspects dependent on NR/5GC	31540	available
1457	R2-1803155	Need of Maximum Burst Size parameter for all GBR Flows	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.2.12	QoS	31560	available
1458	R2-1803156	QoS Flow Relocation in NR-DC between MN and SN	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.2.12	QoS	33960	available
1459	R2-1803157	SDAP QFI mapping between AS and NAS	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.4.2	Header Format	18680	noted
1460	R2-1803158	SDAP configurations aspects	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.4.4	Others	18930	not treated
1461	R2-1803159	PDCP duplication	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.3.5	PDCP duplication	19280	noted
1462	R2-1803160	PDCP duplication impact to MAC	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.1.11	Impact of PDCP duplication on MAC	19390	not treated
1463	R2-1803161	PDCP duplication impact to RLC	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.2.3	Impact of PDCP duplication to RLC	25490	available
1464	R2-1803162	RLC TX-NEXT Procedure	Ericsson, Nokia, Nokia Shanghai Bell	Henrik Enbuske	32991	discussion	Discussion				10.3.2.4	Other	19420	available
1465	R2-1803163	Clarification of RLC poll handling for Dual Connectivity	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.2.4	Other	31630	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 179

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1453	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1454	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1455	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1456	15-Feb-18	15-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1457	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1458	15-Feb-18	15-Feb-18	R2-1800697		Rel-15			NR_newRAT-Core									
1459	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1460	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1461	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1462	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1463	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1464	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1465	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 180

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1466	R2-1803164	Confirmation of configured UL Grant Type 2 Activation for Multiple Aggregated Cells	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.1.8	SPS/Grant-free	31140	noted
1467	R2-1803165	Remaining issues for configuredGrantTimer	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.1.8	SPS/Grant-free	27670	noted
1468	R2-1803166	Duplicate discard based on HARQ feedback	MediaTek Inc., CATT	Pradeep Jose	71781	discussion	Decision				10.3.3.5	PDCP duplication	31590	not treated
1469	R2-1803167	Duplication control MAC CE format	MediaTek Inc.	Pradeep Jose	71781	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	19970	not treated
1470	R2-1803168	On duplication of PDCP Control PDUs	MediaTek Inc.	Pradeep Jose	71781	discussion	Decision				10.3.3.5	PDCP duplication	19810	not treated
1471	R2-1803169	UE behavior at the end of DRX active time	MediaTek Inc.	Pradeep Jose	71781	discussion	Decision				10.3.1.10	DRX	31820	not treated
1472	R2-1803170	On remaining issues of SCell-RLF handling	ITL	Hyosun Yang	72243	discussion	Discussion				10.3.2.3	Impact of PDCP duplication to RLC	35900	available
1473	R2-1803171	Configuration of PDCP duplication on default DRB	ITL	Hyosun Yang	72243	discussion	Discussion				10.3.3.5	PDCP duplication	31660	not treated
1474	R2-1803172	Summary of RAN1 agreements and RAN2 implications	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision				9.12.1	General	31720	available
1475	R2-1803173	Open points of AUL	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision				9.12.2	Autonomous uplink access on Frame structure type 3	31810	available
1476	R2-1803174	Determination of PF and PO in NR	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision				10.4.5.6	Idle/inactive paging	34420	available
1477	R2-1803175	Consistent support of RRC_INACTIVE for NW and UE	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision	Relates to LS R2-1800034			10.4.1.7.7	Inactive - other	18870	available
1478	R2-1803176	Security in inactive state	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision				10.4.1.7.6	Security framework for inactive	32650	available
1479	R2-1803177	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint	Jarkko Koskela	69947	CR	Agreement	Related to LS R4-1714017 => Offline#103 (Nokia)			7.3	Other LTE Rel-13 WIs	31770	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 181

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1466	15-Feb-18	15-Feb-18	R2-1800708		Rel-15			NR_newRAT-Core									
1467	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1468	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1469	15-Feb-18	15-Feb-18	R2-1801156		Rel-15			NR_newRAT-Core									
1470	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1471	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1472	15-Feb-18	15-Feb-18			Rel-15												
1473	15-Feb-18	15-Feb-18	R2-1801514		Rel-15												
1474	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1475	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1476	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1477	15-Feb-18	16-Feb-18	R2-1711055		Rel-15			NR_newRAT-Core									
1478	15-Feb-18	16-Feb-18	R2-1711056		Rel-15			NR_newRAT-Core									
1479	15-Feb-18	16-Feb-18		R2-1804062	Rel-13	36.331	13.8.1	TEI13	3265		C						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 182

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1480	R2-1803178	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint	Jarkko Koskela	69947	CR	Agreement	Related to LS R4-1714017			7.3	Other LTE Rel-13 WIs	34950	revised
1481	R2-1803179	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint	Jarkko Koskela	69947	CR	Agreement	Related to LS R4-1714017			7.3	Other LTE Rel-13 WIs	34960	revised
1482	R2-1803180	Priorities for RRC_INACTIVE	Nokia, Nokia Shanghai Bell	Jarkko Koskela	69947	discussion	Decision				10.4.5.5	Selection/reselection - other aspects	31800	available
1483	R2-1803181	Remaining HARQ Aspects for Autonomous Uplink	Motorola Mobility Germany GmbH	Alexander Golitschek Edler Von Elbwart	73673	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	31870	noted
1484	R2-1803182	Interaction between BWP operation and C-DRX	PANASONIC	Quan Kuang	64589	discussion	Decision				10.3.1.10	DRX	31890	not treated
1485	R2-1803183	Handling of incoming LS on Attributes for QoE measurement collection	Ericsson	Cecilia Eklof	59618	discussion					9.20	Other LTE Rel-15 WIs	27300	revised
1486	R2-1803184	[DRAFT] Reply LS on Attributes for QoE measurement collection	Ericsson	Cecilia Eklof	59618	LS out	Approval				9.20	Other LTE Rel-15 WIs	31840	revised
1487	R2-1803185	[DRAFT] Reply LS on adding new service type in QMC reporting	Ericsson	Cecilia Eklof	59618	LS out	Approval				9.20	Other LTE Rel-15 WIs	37270	revised
1488	R2-1803186	Configured Scheduling for SUL	Ericsson	Henrik Enbuske	32991	discussion	Discussion				10.3.1.8	SPS/Grant-free	21460	not treated
1489	R2-1803187	Remaining MAC Aspects for Autonomous Uplink	Motorola Mobility Germany GmbH	Alexander Golitschek Edler Von Elbwart	73673	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35020	available
1490	R2-1803188	Impact of multiple measurement gaps in MAC	Ericsson	Mats Folke	43898	discussion					10.3.1.13	Other	31090	not treated
1491	R2-1803189	DRX with short on-duration and Wake-up signaling	Ericsson	Mats Folke	43898	discussion					10.3.1.10	DRX	31910	not treated
1492	R2-1803190	Values for the BWP inactivity timer	Ericsson	Mats Folke	43898	discussion					10.3.1.2	MAC general aspects	22140	noted
1493	R2-1803191	Annex for DRX timers	Ericsson	Mats Folke	43898	discussion					10.3.1.10	DRX	28410	noted
1494	R2-1803192	Further discussions on prioritized RACH access	Ericsson	Mats Folke	43898	discussion					10.3.1.4.1	Differentiation of RA parameters	19500	noted
1495	R2-1803193	Multiple Preamble Transmissions in NR Random Access	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31130	available
1496	R2-1803194	Beam reselection in case of high load during RA	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31930	available
1497	R2-1803195	Beam failure recovery in Scell	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31940	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 183

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1480	15-Feb-18	16-Feb-18		R2-1804063	Rel-14	36.331	14.5.1	TEI13	3266		A						
1481	15-Feb-18	16-Feb-18		R2-1804064	Rel-15	36.331	15.0.1	TEI13	3267		A						
1482	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1483	15-Feb-18	15-Feb-18	R2-1712979		Rel-15			LTE_unlic-Core									
1484	15-Feb-18	15-Feb-18	R2-1800976														
1485	15-Feb-18	15-Feb-18		R2-1803727	Rel-15												
1486	15-Feb-18	15-Feb-18		R2-1803728	Rel-15			QOED					R2-1801754	SA5	RAN3, SA4		
1487	15-Feb-18	15-Feb-18		R2-1803962	Rel-15			QOED					R2-1712159	SA4	RAN3, SA5		
1488	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1489	15-Feb-18	15-Feb-18			Rel-15			LTE_unlic-Core									
1490	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1491	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1492	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1493	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1494	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1495	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1496	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1497	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 184

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1498	R2-1803196	Beam failure recovery procedure	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31950	available
1499	R2-1803197	Parameters for Beam failure recovery	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31960	available
1500	R2-1803198	Contention based random access for beam failure	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31970	noted
1501	R2-1803199	Removal of beam failure timer	Ericsson	Mats Folke	43898	discussion					10.3.1.4.2	Random access in presence of multi-beam operation	31980	available
1502	R2-1803200	Draft LS on Deltapreamblemsg3 and messagepoweroffsetgroupB	Ericsson	Mats Folke	43898	LS out	Approval				10.3.1.4.3	Random access procedures	19250	revised
1503	R2-1803201	Remaining issues for RA-RNTI formula	Ericsson	Mats Folke	43898	discussion					10.3.1.4.3	Random access procedures	20060	noted
1504	R2-1803202	Msg3 size for CCCH payload	Ericsson	Mats Folke	43898	discussion					10.3.1.4.3	Random access procedures	32010	not treated
1505	R2-1803203	BWP selection and RA	Ericsson	Mats Folke	43898	discussion					10.3.1.2	MAC general aspects	18160	noted
1506	R2-1803204	Reuse of notification of suspending power ramping counter for DC	Ericsson	Mats Folke	43898	discussion					10.3.1.4.3	Random access procedures	25470	not treated
1507	R2-1803205	Stopping a RA procedure triggered by SR	Ericsson	Mats Folke	43898	discussion					10.3.1.5	SR	24920	noted
1508	R2-1803206	MAC CEs for activating an RS resource and handling corresponding TCI states	Ericsson	Mats Folke	43898	discussion		=> Offline#121 (Nokia)			10.3.1.3	MAC PDU format	37640	not treated
1509	R2-1803207	On the immediate transmission	Ericsson, Nokia, Nokia Shanghai Bell	Mats Folke	43898	discussion		=> Offline#136 (Samsung)			10.3.1.6	BSR	20000	noted
1510	R2-1803208	SUL switch and MAC Entity for 2x	Ericsson	Mats Folke	43898	discussion					10.3.1.2	MAC general aspects	31900	noted
1511	R2-1803209	SR and BWP interaction	Ericsson	Mats Folke	43898	discussion					10.3.1.6	BSR	386700	noted
1512	R2-1803210	Discussion on RAN support of edge computing in NR	CMCC	Ningyu Chen	62843	discussion					10.2.14	Other	34210	available
1513	R2-1803211	Further consideration on RA-RNTI calculation with respect to the SUL.	CMCC	Ningyu Chen	62843	discussion					10.3.1.4.3	Random access procedures	20440	noted
1514	R2-1803212	Paging Failure Handling in RRC_INACTIVE	CMCC	Ningyu Chen	62843	discussion					10.4.1.7.4	Paging in inactive	32120	available
1515	R2-1803213	Support of mobility-state-based cell reselection in the high-speed-railway dedicated LTE network (HSDN)	CMCC	Ningyu Chen	62843	discussion					9.21.2	Other	17740	available
1516	R2-1803214	Issues with QoS flow remapping	CMCC	Ningyu Chen	62843	discussion					10.3.4.3	QoS flow remapping and handover	34040	not treated
1517	R2-1803215	How to toggle the RDI bit	CMCC	Ningyu Chen	62843	discussion					10.3.4.4	Others	34900	not treated
1518	R2-1803216	Requested NSSAI in RRC	CMCC	Ningyu Chen	62843	discussion					10.2.11	Slicing	32160	available
1519	R2-1803217	Air-borne UE dedicated mobility management	CMCC	Ningyu Chen	62843	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	30490	available
1520	R2-1803218	MDT-based air-borne UE identification	CMCC	Ningyu Chen	62843	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	33490	available
1521	R2-1803219	Cell quality derivation for reselection	CMCC	Ningyu Chen	62843	discussion					10.4.5.3	Cell quality derivation	32190	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 185

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1498	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1499	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1500	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1501	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1502	15-Feb-18	15-Feb-18		R2-1803855	Rel-15			NR_newRAT-Core						RAN1			
1503	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1504	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1505	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1506	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1507	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1508	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1509	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1510	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1511	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1512	15-Feb-18	16-Feb-18	R2-1800808		Rel-15			NR_newRAT-Core									
1513	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1514	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1515	15-Feb-18	15-Feb-18			Rel-15			TEI15									
1516	15-Feb-18	15-Feb-18	R2-1800798		Rel-15			LTE_5GCN_connect-Core									
1517	15-Feb-18	15-Feb-18			Rel-15			LTE_ViLTE_enh2-Core									
1518	15-Feb-18	15-Feb-18	R2-1800801		Rel-15			LTE_ViLTE_enh2-Core									
1519	15-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1520	15-Feb-18	15-Feb-18			Rel-15			LTE_Aerial-Core									
1521	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 186

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1522	R2-1803220	Report for Email discussion on Measurement Report for NB-IoT	CMCC	Ningyu Chen	62843	discussion		=> Offline#305 (Ericsson)			8.11	WI: Enhancements of NB-IoT	17230	postponed
1523	R2-1803221	service based reselection in idle	CMCC	Ningyu Chen	62843	discussion					10.4.5.4	Service based reselection	32210	available
1524	R2-1803222	Remaining issues related to SMC	CMCC	Ningyu Chen	62843	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	21130	available
1525	R2-1803223	Work plan for New WID on Bluetooth/WLAN measurement collection in MDT	CMCC	Ningyu Chen	62843	discussion					9.19	Bluetooth/WLAN measurement collection in MDT	25390	noted
1526	R2-1803224	Consideration on Bluetooth/WLAN measurement collection in MDT	CMCC	Ningyu Chen	62843	discussion					9.19	Bluetooth/WLAN measurement collection in MDT	28790	revised
1527	R2-1803225	TP for on-demand SI acquisition during HO	PANASONIC R&D Center Germany	Ming-hung Tao	71004	discussion					10.2.4	Mobility mechanisms - basic handover	390000	available
1528	R2-1803226	Timer associated with the dedicated BFR PRACH resource	PANASONIC R&D Center Germany	Ming-hung Tao	71004	discussion	Decision				10.3.1.4.2	Random access in presence of multi-beam operation	31990	available
1529	R2-1803227	Considerations for the Area ID design	PANASONIC R&D Center Germany	Ming-hung Tao	71004	discussion	Decision				10.4.1.6.3	Stored system information	20890	available
1530	R2-1803228	Clarifications to BWP operation	Nokia, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.1.2	MAC general aspects	24330	noted
1531	R2-1803229	BWP switch interaction with contention free BFR preamble	Nokia, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.1.4.2	Random access in presence of multi-beam operation	32280	available
1532	R2-1803230	Beam failure detection and recovery	Nokia, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.1.4.2	Random access in presence of multi-beam operation	32290	noted
1533	R2-1803231	sCellDeactivationTimer handling with configured scheduling	Nokia, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.1.8	SPS/Grant-free	29920	noted
1534	R2-1803232	DRX for configured grant/assignment	Nokia, Nokia Shanghai Bell, Lenovo	Samuli Turtinen	73832	discussion	Discussion				10.3.1.10	DRX	22110	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 187

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1522	15-Feb-18	16-Feb-18			Rel-14			NB_IOTenh-Core									
1523	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1524	15-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1525	15-Feb-18	16-Feb-18			Rel-15			LTE_MDT_BT_WLAN-Core									
1526	15-Feb-18	16-Feb-18		R2-1803770	Rel-15			LTE_MDT_BT_WLAN-Core									
1527	15-Feb-18	15-Feb-18	R2-1800813		Rel-15												
1528	15-Feb-18	15-Feb-18			Rel-15												
1529	15-Feb-18	15-Feb-18	R2-1800815		Rel-15												
1530	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1531	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1532	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1533	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1534	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 188

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1535	R2-1803233	Support for SRB duplication with CA	Nokia, Nokia Shanghai Bell, CATT, Ericsson, ZTE	Samuli Turtinen	73832	discussion	Discussion				10.3.3.5	PDCP duplication	19440	noted
1536	R2-1803234	Transmission operation for PDCP duplication	Nokia, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.3.5	PDCP duplication	21380	not treated
1537	R2-1803235	Support of mobility-state-based cell reselection in the high-speed-railway dedicated LTE network (HSDN)	CMCC	Ningyu Chen	62843	CR					9.21.2	Other	24260	available
1538	R2-1803236	Support of accurate UE mobility state estimation and mobility-state-based cell reselection for HSDN	CMCC	Ningyu Chen	62843	CR					9.21.2	Other	28640	available
1539	R2-1803237	Introduction of Bluetooth/ WLAN measurement collection in MDT	CMCC	Ningyu Chen	62843	CR					9.19	Bluetooth/WLAN measurement collection in MDT	32390	available
1540	R2-1803238	Introduction of new measurement collection in MDT-location information	CMCC	Ningyu Chen	62843	CR					9.19	Bluetooth/WLAN measurement collection in MDT	32400	available
1541	R2-1803239	Introduction of new measurement collection in MDT-measurement results	CMCC	Ningyu Chen	62843	CR					9.19	Bluetooth/WLAN measurement collection in MDT	34260	available
1542	R2-1803240	Introduction of new measurement collection in MDT	CMCC	Ningyu Chen	62843	CR					9.19	Bluetooth/WLAN measurement collection in MDT	37700	available
1543	R2-1803241	Discussion on the support of SCG SRB for intra-NR DC	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.2.14	Other	34400	available
1544	R2-1803242	Harmonization of RRC Connection Control management procedures	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.2	Connection control message harmonisation	37190	available
1545	R2-1803243	Consideration on RRC connection establishment procedure	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.3	Connection establishment procedures	32430	available
1546	R2-1803244	[DRAFT] LS to RAN1 on MSG 3 size	Huawei	David Lecompte	34967	LS out	Approval				10.4.1.3.3	Connection establishment procedures	32440	available
1547	R2-1803245	RRC Connection Re-establishment procedure in NR	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.3	Connection establishment procedures	32450	available
1548	R2-1803246	RRC Establishment Cause	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.3	Connection establishment procedures	32460	available
1549	R2-1803247	UE behaviour upon leaving RRC_CONNECTED state	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.5	Other	32470	available
1550	R2-1803248	Inter-Node RRC messages for non EN-DC	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.9.1	Inter-Node RRC messages for non EN-DC	32480	available
1551	R2-1803249	RLF with beam failure recovery	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.2.8	Mobility - RLM,RLF	32490	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 189

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1535	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1536	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1537	15-Feb-18	15-Feb-18			Rel-15	36.304	14.5.0	TEI15	0406		F						
1538	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.1	TEI15	3268		F						
1539	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_MDT_BT_WLAN-Core	1560		B						
1540	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_MDT_BT_WLAN-Core	3269		B						
1541	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_MDT_BT_WLAN-Core	3270		B						
1542	15-Feb-18	16-Feb-18			Rel-15	37.320	14.0.0	LTE_MDT_BT_WLAN-Core	0070		B						
1543	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1544	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1545	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1546	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						RAN1			
1547	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1548	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1549	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1550	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1551	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 190

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1552	R2-1803250	Remaining issues on State transition between RRC CONNECTED and INACTIVE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.5	Other	32500	available
1553	R2-1803251	Timer based state transition from CONNECTED to INACTIVE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.3.5	Other	32510	available
1554	R2-1803252	Remaining issue on Measurement events	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.4.4	Measurement events	32520	available
1555	R2-1803253	NR measurement exception for s-Measure in LTE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.2.2	Corrections to RRM measurements for EN-DC	33300	available
1556	R2-1803254	NR measurement exception for s-Measure in LTE	Huawei, HiSilicon	David Lecompte	34967	draftCR	Decision				10.4.2.2	Corrections to RRM measurements for EN-DC	33340	available
1557	R2-1803255	Cell quality adjustment for connected UE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.4.6	Other	32550	available
1558	R2-1803256	Correction to cell quality derivation	Huawei, HiSilicon	David Lecompte	34967	draftCR	Decision				10.4.1.4.6	Other	32560	available
1559	R2-1803257	Remaining issue on Events and measurements for handover from NR to E-UTRA	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.4.5	Inter-RAT measurements	32570	available
1560	R2-1803258	Speed dependent TTT scaling for NR measurements	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.4.6	Other	32580	available
1561	R2-1803259	CR on speed dependent mobility in TS 38.331	Huawei, HiSilicon	David Lecompte	34967	draftCR	Decision				10.4.1.4.6	Other	32590	available
1562	R2-1803260	RAN notification area configuration	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.1	RAN area configuration	397600	available
1563	R2-1803261	Discussion on CN location Update and RNA Update for inactive state	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.7	Inactive - other	35860	available
1564	R2-1803262	Inter-RAT mobility for inactive UE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	32620	available
1565	R2-1803263	Security of INACTIVE to CONNECTED state transition	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.6	Security framework for inactive	32660	available
1566	R2-1803264	[DRAFT] LS to SA3 on inactive to connected state transition	Huawei	David Lecompte	34967	LS out	Approval				10.4.1.7.6	Security framework for inactive	34300	available
1567	R2-1803265	Security for Msg3	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.6	Security framework for inactive	23720	noted
1568	R2-1803266	Discussion on DoS and replay attacks for rejection procedure	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.6	Security framework for inactive	35870	available
1569	R2-1803267	RRC state transition from INACTIVE to IDLE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.7	Inactive - other	35880	available
1570	R2-1803268	The content of AS context for inactive UE	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.1.7.7	Inactive - other	35890	available
1571	R2-1803269	Network controlled selection to 5GC or EPC	HTC Corporation	Frank Wu	65148	discussion					9.7.2	Stage 2 aspects independent from NR/5GC	26310	available
1572	R2-1803270	Clarification on full configuration for SRB	HTC Corporation	Frank Wu	65148	discussion					10.4.3.2	ASN.1 issue documents	32700	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 191

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1552	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1553	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1554	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1555	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1556	15-Feb-18	15-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core									
1557	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1558	15-Feb-18	15-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core									
1559	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1560	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1561	15-Feb-18	15-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core									
1562	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1563	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1564	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1565	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1566	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core						SA3			
1567	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1568	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1569	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1570	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1571	15-Feb-18	16-Feb-18			Rel-15												
1572	15-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 192

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1573	R2-1803271	Discussion on agreements on UE capabilities for NR measurement	HTC Corporation	Frank Wu	65148	discussion					10.4.4.2	UE capabilities for EN DC	29560	noted
1574	R2-1803272	On the configuration of BFR detection and RLM RSes	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				10.4.3.2	ASN.1 issue documents	32720	available
1575	R2-1803273	Dedicated RACH configuration for HO and BFR	Nokia, Nokia Shanghai Bell	Dawid Koziol	68362	discussion	Discussion				10.4.3.2	ASN.1 issue documents	32730	available
1576	R2-1803274	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	394800	withdrawn
1577	R2-1803275	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	399800	withdrawn
1578	R2-1803276	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	The exception that NB-IoT HARQ process does not have ID associated with it is removed.			8.11	WI: Enhancements of NB-IoT	32201	revised
1579	R2-1803277	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	The exception that NB-IoT HARQ process does not have ID associated with it is removed.			8.11	WI: Enhancements of NB-IoT	32761	revised
1580	R2-1803278	Input on HARQ-ACK feedback for eFeMTC	Qualcomm Incorporated	Mungal Singh Dhanda	38917	discussion	Discussion	Justification for the reply LS to RAN1			9.14.6	Uplink HARQ-ACK feedback	21620	available
1581	R2-1803279	Reply LS on HARQ-ACK feedback for eFeMTC	Qualcomm Incorporated	Mungal Singh Dhanda	38917	LS out	Decision				9.14.6	Uplink HARQ-ACK feedback	21820	available
1582	R2-1803280	Wakeup Signal Considerations	Qualcomm Incorporated	Mungal Singh Dhanda	38917	discussion	Discussion				9.13.9	Wake Up Signal	25860	available
1583	R2-1803281	NR PDCP configuration in handover to EUTRA	HTC Corporation	Frank Wu	65148	discussion					10.4.2.3	Corrections to other EN-DC aspects	21000	postponed
1584	R2-1803282	Draft Stage 2 CR for RTK and PPP positioning	ESA	Florin Grec	67349	draftCR	Discussion				9.8 2	GNSS positioning enhancements	32840	noted
1585	R2-1803283	Additional observations on MAC and FKP	ESA	Florin Grec	67349	discussion	Decision				9.8 2	GNSS positioning enhancements	33950	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 193

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1573	15-Feb-18	16-Feb-18															
1574	15-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
1575	15-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
1576	15-Feb-18		R2-1712291		Rel-14	36.321	14.5.0	NB_IOT-Core	1070	1	F						
1577	15-Feb-18				Rel-15	36.321	15.0.0	NB_IOT-Core	1216		A						
1578	15-Feb-18	15-Feb-18		R2-1803789	Rel-14	36.321	14.5.0	NB_IOTenh-Core	1217		F						
1579	15-Feb-18	15-Feb-18		R2-1803790	Rel-15	36.321	15.0.0	NB_IOTenh-Core	1218		A						
1580	15-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core									
1581	15-Feb-18	15-Feb-18			Rel-15			LTE_eMTC4-Core					R2-1801712	RAN1			
1582	15-Feb-18	15-Feb-18	R2-1713033		Rel-15			LTE_eMTC4-Core									
1583	15-Feb-18	16-Feb-18															
1584	15-Feb-18	15-Feb-18			Rel-15	36.305	14.3.0	LCS_LTE_acc_enh			B						
1585	15-Feb-18	15-Feb-18			Rel-15			LCS_LTE_acc_enh									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 194

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1586	R2-1803284	Considerations on Stage 3 Running CR for LPP	ESA	Florin Grec	67349	discussion	Decision				9.8 2	GNSS positioning enhancements	27100	noted
1587	R2-1803285	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	399900	withdrawn
1588	R2-1803286	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	400000	withdrawn
1589	R2-1803287	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	The exception that NB-IoT HARQ process does not have ID associated with it is removed.			8.11	WI: Enhancements of NB-IoT	32880	withdrawn
1590	R2-1803288	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	The exception that NB-IoT HARQ process does not have ID associated with it is removed.			8.11	WI: Enhancements of NB-IoT	394600	withdrawn
1591	R2-1803289	Input on HARQ-ACK feedback for eFeMTC	Qualcomm Incorporated	Mungal Singh Dhanda	38917	discussion	Discussion	Justification for the reply LS to RAN1			9.14.6	Uplink HARQ-ACK feedback	32900	withdrawn
1592	R2-1803290	Reply LS on HARQ-ACK feedback for eFeMTC	Qualcomm Incorporated	Mungal Singh Dhanda	38917	discussion	Discussion				9.14.6	Uplink HARQ-ACK feedback	388300	withdrawn
1593	R2-1803291	Wakeup Signal Considerations	Qualcomm Incorporated	Mungal Singh Dhanda	38917	discussion	Discussion				9.14.9	Wake Up Signal	32910	withdrawn
1594	R2-1803292	Clarification on number of SL processes for V2X communication	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.2	User plane	35170	available
1595	R2-1803293	Clarification on number of SL processes for V2X communication	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.2	User plane	35171	available
1596	R2-1803294	Clarifications on V2X resource selection in the absence of positioning information	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.3	Control plane	29090	revised
1597	R2-1803295	Clarifications on V2X resource selection in the absence of positioning information	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.13.3	Control plane	29100	revised
1598	R2-1803296	UE initiated history buffer reset in UDC	Intel Corporation	Youn hyoung Heo	47007	discussion					9.16	UL data compression in LTE	32970	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 195

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1586	15-Feb-18	15-Feb-18			Rel-15			LCS_LTE_acc_enh									
1587	15-Feb-18		R2-1712291		Rel-14	36.321	14.5.0	NB_IOT-Core	1070	1	F						
1588	15-Feb-18				Rel-15	36.321	15.0.0	NB_IOT-Core	1219		A						
1589	15-Feb-18				Rel-14	36.321	14.5.0	NB_IOTenh-Core	1220		F						
1590	15-Feb-18				Rel-15	36.321	15.0.0	NB_IOTenh-Core	1221		A						
1591	15-Feb-18				Rel-15			LTE_eMTC4-Core									
1592	15-Feb-18				Rel-15			LTE_eMTC4-Core									
1593	15-Feb-18		R2-1713033		Rel-15			LTE_eMTC4-Core									
1594	15-Feb-18	16-Feb-18			Rel-14	36.321	14.5.0	LTE_V2X-Core	1222		F						
1595	15-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	LTE_V2X-Core	1223		A						
1596	15-Feb-18	16-Feb-18		R2-1803907	Rel-14	36.331	14.5.1	LTE_V2X-Core	3271		F						
1597	15-Feb-18	16-Feb-18		R2-1803908	Rel-15	36.331	15.0.1	LTE_V2X-Core	3272		A						
1598	15-Feb-18	16-Feb-18			Rel-15			LTE_UDC-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 196

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1599	R2-1803297	Handling of UDC configuration for resume procedure	Intel Corporation	Youn hyoung Heo	47007	discussion					9.16	UL data compression in LTE	28550	noted
1600	R2-1803298	Security framework for Msg3 and Msg4 in EDT	Intel Corporation	Youn hyoung Heo	47007	discussion					9.14.2	Early data transmission	30730	available
1601	R2-1803299	Discussion on CE mode B restriction change in RRC connected mode	Intel Corporation	Youn hyoung Heo	47007	discussion					8.12.2	Other	20660	noted
1602	R2-1803300	Support of CE mode B restriction for Rel-14 eMTC	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement	=> Offline#311 (Intel)			8.12.2	Other	20670	revised
1603	R2-1803301	CE level based access barring and load control for eFeMTC	Intel Corporation	Youn hyoung Heo	47007	discussion					9.14.5	Access/load control of idle mode UEs	33010	available
1604	R2-1803302	WUS consideration for eFeMTC	Intel Corporation	Youn hyoung Heo	47007	discussion					9.13.9	Wake Up Signal	32800	available
1605	R2-1803303	Introduction of EDT for eMTC in Rel-15 TS 36.321	Intel Corporation	Youn hyoung Heo	47007	draftCR					9.14.1	Organisational	17120	available
1606	R2-1803304	[DRAFT] Reply LS on Data support for "voice centric" UE supporting CE mode B	Intel Corporation	Youn hyoung Heo	47007	LS out	Approval				8.12.2	Other	20680	revised
1607	R2-1803305	Correction on the SI-RNTI for MPDCCH	Intel Corporation	Youn hyoung Heo	47007	CR		=> Offline#307 (Intel): Do we need AC CRs?			7.1	WI: Further LTE Physical Layer Enhancements for MTC	20690	revised
1608	R2-1803306	Correction on the SI-RNTI for MPDCCH	Intel Corporation	Youn hyoung Heo	47007	CR					7.1	WI: Further LTE Physical Layer Enhancements for MTC	20700	revised
1609	R2-1803307	Correction on the SI-RNTI for MPDCCH	Intel Corporation	Youn hyoung Heo	47007	CR					7.1	WI: Further LTE Physical Layer Enhancements for MTC	21960	revised
1610	R2-1803308	CR for support of cell reselection for high speed dedicated network	Intel Corporation	Youn hyoung Heo	47007	CR					9.21.2	Other	28650	available
1611	R2-1803309	Text Proposal for Clause 1-3 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	33140	available
1612	R2-1803310	Text Proposal for Clause 4 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	33150	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 197

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1599	15-Feb-18	16-Feb-18			Rel-15			LTE_UDC-Core									
1600	15-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
1601	15-Feb-18	16-Feb-18			Rel-14			LTE_feMTC-Core									
1602	15-Feb-18	16-Feb-18		R2-1803794	Rel-14	36.304	14.5.0	LTE_feMTC-Core	0407		F						
1603	15-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
1604	15-Feb-18	16-Feb-18			Rel-15			LTE_eMTC4-Core									
1605	15-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	LTE_eMTC4-Core			B						
1606	15-Feb-18	16-Feb-18		R2-1803795	Rel-14			LTE_feMTC-Core						SA2			
1607	15-Feb-18	16-Feb-18		R2-1803791	Rel-13	36.300	13.10.0	LTE_MTCe2_L1-Core	1099		F						
1608	15-Feb-18	16-Feb-18		R2-1803792	Rel-14	36.300	14.5.0	LTE_MTCe2_L1-Core	1100		A						
1609	15-Feb-18	16-Feb-18		R2-1803793	Rel-15	36.300	15.0.0	LTE_MTCe2_L1-Core	1101		A						
1610	15-Feb-18	16-Feb-18			Rel-15	36.304	14.5.0	TEI15	0408		B						
1611	15-Feb-18	16-Feb-18	R2-1800824					NR_newRAT-Core									
1612	15-Feb-18	16-Feb-18						NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 198

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1613	R2-1803311	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	33120	revised
1614	R2-1803312	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated	Mungal Singh Dhanda	38917	CR	Agreement	It is clarified early contention resolution is not supported in NB-IoT.			7.2	WI: Narrowband IOT	36840	revised
1615	R2-1803313	Text Proposal for Clause 5 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	33170	available
1616	R2-1803314	Text Proposal for Clause 6 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	34560	available
1617	R2-1803315	Text Proposal for Clause 7 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	34590	available
1618	R2-1803316	Text Proposal for Clause 6 and 7 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion					10.2.13	Positioning	36430	available
1619	R2-1803317	Text Proposal for Clause 8 of TS 38.305	Qualcomm Incorporated	Sven Fischer	20628	discussion		=> Offline#21 (Qualcomm) => To Email			10.2.13	Positioning	389900	available
1620	R2-1803318	RLC handling upon duplication deactivation	Nokia, Mediatek, Nokia Shanghai Bell	Samuli Turtinen	73832	discussion	Discussion				10.3.2.3	Impact of PDCP duplication to RLC	17570	noted
1621	R2-1803319	[DRAFT] LS on access attempts in RRC_INACTIVE subject to unified access control	Ericsson	Janne Peisa	33372	LS out					10.4.1.8.1	Access control for Idle/Inactive	31370	available
1622	R2-1803320	Measurement priority handling in NR	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33200	available
1623	R2-1803321	Measurement related actions upon handover and re-establishment	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33210	available
1624	R2-1803322	s-Measure configuration and UE behavior	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	33220	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 199

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1613	15-Feb-18	15-Feb-18	R2-1712291	R2-1803781	Rel-14	36.300	14.5.0	NB_IOT-Core, TEI14	1070	1	F						
1614	15-Feb-18	15-Feb-18		R2-1803782	Rel-15	36.300	15.0.0	NB_IOT-Core, TEI13	1102		A						
1615	15-Feb-18	16-Feb-18	R2-1800827					NR_newRAT-Core									
1616	15-Feb-18	16-Feb-18	R2-1800839					NR_newRAT-Core									
1617	15-Feb-18	16-Feb-18	R2-1800840					NR_newRAT-Core									
1618	15-Feb-18	16-Feb-18	R2-1800841					NR_newRAT-Core									
1619	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1620	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT									
1621	15-Feb-18	15-Feb-18												CT1			
1622	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1623	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1624	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 200

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1625	R2-1803323	Measurement Requirements for Deactivated Secondary Component Carriers	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33230	available
1626	R2-1803324	UE capability for increased number of carrier monitoring	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33240	available
1627	R2-1803325	TP for SFTD measurements for 36331 for non-serving cells (E407)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	33250	revised
1628	R2-1803326	SFTD measurement for non-serving cell when PSCell is configured	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33260	available
1629	R2-1803327	A3 and A6 offset values in ReportConfigNR (E400)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	33270	available
1630	R2-1803328	[DRAFT] LS to RAN4 on A3 and A6 offsets in NR (E400)	Ericsson	Icaro Leonardo Da Silva	58721	LS out	Approval				10.4.3.2	ASN.1 issue documents	33280	available
1631	R2-1803329	Location Information configuration and reporting	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.1.4.6	Other	33290	available
1632	R2-1803330	ANR framework for EN-DC and NR standalone	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.14	Other	24610	available
1633	R2-1803331	TP on inter-RAT ANR to 36.300 for EN-DC	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.14	Other	25210	available
1634	R2-1803332	TP on ANR to 38.300	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.14	Other	25280	available
1635	R2-1803333	Configuration of CGI reporting	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.2.2	Corrections to RRM measurements for EN-DC	34380	available
1636	R2-1803334	Content of CGI reporting	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.2.2	Corrections to RRM measurements for EN-DC	400800	available
1637	R2-1803335	Enhancing Handover Failure	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.7	Mobility mechanisms - other	33350	available
1638	R2-1803336	Conditional Handover	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.7	Mobility mechanisms - other	33360	available
1639	R2-1803337	Conditional Handover Simulation Results	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.7	Mobility mechanisms - other	33370	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 201

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1625	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1626	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1627	15-Feb-18	21-Feb-18		R2-1804070	Rel-15			NR_newRAT-Core									
1628	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1629	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1630	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core						RAN4			
1631	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1632	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1633	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1634	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1635	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1636	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1637	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1638	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1639	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 202

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1640	R2-1803338	On Reliability, overhead and controllability aspects of Conditional Handover	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.7	Mobility mechanisms - other	33380	available
1641	R2-1803339	Remaining stage-2 open issues in basic HO	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.2.4	Mobility mechanisms - basic handover	401300	available
1642	R2-1803340	TP on RLM and beam failure monitoring corrections (E396)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	33400	available
1643	R2-1803341	[DRAFT] LS to RAN1 on RLM and beam failure monitoring corrections (E396)	Ericsson	Icaro Leonardo Da Silva	58721	LS out	Approval				10.4.3.2	ASN.1 issue documents	33410	available
1644	R2-1803342	Resource Pool Sharing between V2X Mode 3 and Mode 4 UEs	Fraunhofer HHI, Fraunhofer IIS	Robin Thomas	70190	discussion	Discussion				9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	33420	available
1645	R2-1803343	On the opportunities and threats of NR Conditional Handover	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				10.2.7	Mobility mechanisms - other	33430	available
1646	R2-1803344	Beam selection and consolidation enhancements	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				10.4.1.4.1	Corrections to RRM for EN-DC	393800	available
1647	R2-1803345	Dual connected intra-frequency handover for 0 ms interruption and mobility robustness	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				4.1	Handover interruption time for LTE and NR	35550	available
1648	R2-1803346	On the means to achieve 0 ms interruption requirement for IMT-2020	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				4.1	Handover interruption time for LTE and NR	36620	available
1649	R2-1803347	Configuration Management for NR Conditional Handover	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				10.2.7	Mobility mechanisms - other	33470	available
1650	R2-1803348	Mobility enhancements for UAVs – planned flight route	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	27070	available
1651	R2-1803349	Mobility enhancements for UAVs - reference altitude	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.18	Enhanced LTE Support for Aerial Vehicles	28060	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 203

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1640	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1641	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1642	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1643	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core						RAN1			
1644	15-Feb-18	15-Feb-18			Rel-15												
1645	15-Feb-18	16-Feb-18	R2-1801099		Rel-15			NR_newRAT-Core									
1646	15-Feb-18	16-Feb-18	R2-1801100		Rel-15			NR_newRAT-Core									
1647	15-Feb-18	16-Feb-18	R2-1708588		Rel-15			NR_newRAT-Core									
1648	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1649	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1650	15-Feb-18	16-Feb-18	R2-1713264		Rel-15			LTE_Aerial-Core									
1651	15-Feb-18	16-Feb-18	R2-1713265		Rel-15			LTE_Aerial-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 204

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1652	R2-1803350	Further thoughts on the UE request for duplication activation	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	33520	available
1653	R2-1803351	On the co-existence of Rel-14 and Rel-15 V-UEs	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.10.4	Others	35240	available
1654	R2-1803352	On the PPPR for V2X duplication via multiple PC5 carriers	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	33530	available
1655	R2-1803353	Handling the V-UEs with limited capabilities	Nokia, Nokia Shanghai Bell	Jedrzej Stanczak	68469	discussion	Decision				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35200	available
1656	R2-1803354	Correction to numerology of SI broadcast and paging	Huawei, HiSilicon	Brian Martin	72959	CR		=> Addressed in the rapporteur CR			10.2.3	Stage 2 corrections for non EN-DC	23430	noted
1657	R2-1803355	Remaining issues on the contents of RMSI	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.1	System information content/structure	33560	available
1658	R2-1803356	The maximum size of RMSI	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.1	System information content/structure	20450	available
1659	R2-1803357	Draft LS to RAN1 on maximum size for RMSI	Huawei, HiSilicon	Brian Martin	72959	LS out		=> Offline#31 (Huawei)			10.4.1.6.1	System information content/structure	20500	revised
1660	R2-1803358	Discussion on the location of synchronization information	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.1	System information content/structure	33570	available
1661	R2-1803359	Discussion on barring indication in NR-MIB and SIB1	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.1	System information content/structure	33580	available
1662	R2-1803360	Area ID and value tag for SIBs	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.3	Stored system information	33860	available
1663	R2-1803361	SI Update procedure	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.4	System information modification	33610	available
1664	R2-1803362	Considerations on System Information scheduling	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.5	System information scheduling	33620	available
1665	R2-1803363	Indications for Other SI acquisition	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33640	available
1666	R2-1803364	MSG3 based other SI acquisition	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33650	available
1667	R2-1803365	Connected mode SI acquisition	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33660	available
1668	R2-1803366	Failure handing for on-demand SI acquisition	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33670	available
1669	R2-1803367	No rejection procedure for OSI request	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33680	available
1670	R2-1803368	RACH Configuration for Msg1 based On-Demand SI Request.	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.6	On demand system information	33920	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 205

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1652	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1653	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1654	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1655	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1656	15-Feb-18	15-Feb-18	R2-1801177		Rel-15	36.300	15.0.0	NR_newRAT-Core	0004	1	F						
1657	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1658	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1659	15-Feb-18	15-Feb-18		R2-1803958	Rel-15			NR_newRAT-Core						RAN1			
1660	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1661	15-Feb-18	15-Feb-18	R2-1801178		Rel-15			NR_newRAT-Core									
1662	15-Feb-18	15-Feb-18	R2-1801184		Rel-15			NR_newRAT-Core									
1663	15-Feb-18	15-Feb-18	R2-1801185		Rel-15			NR_newRAT-Core									
1664	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1665	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1666	15-Feb-18	15-Feb-18	R2-1801188		Rel-15			NR_newRAT-Core									
1667	15-Feb-18	15-Feb-18	R2-1801189		Rel-15			NR_newRAT-Core									
1668	15-Feb-18	15-Feb-18	R2-1801190		Rel-15			NR_newRAT-Core									
1669	15-Feb-18	15-Feb-18	R2-1801190		Rel-15			NR_newRAT-Core									
1670	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 206

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1671	R2-1803369	Public Warning system for NR	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.7	System information -other	33690	available
1672	R2-1803370	On the timing of SIB1	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.1.6.7	System information -other	33700	available
1673	R2-1803371	Introduction of cell selection and reselection in 38.331	Huawei, HiSilicon	Brian Martin	72959	draftCR					10.4.5.1	TS	33720	available
1674	R2-1803372	Introduction of LTE to NR reselection in 36.331	Huawei, HiSilicon	Brian Martin	72959	draftCR					10.4.5.1	TS	33730	available
1675	R2-1803373	Introduction of LTE to NR reselection in 36.304	Huawei, HiSilicon	Brian Martin	72959	draftCR					10.4.5.1	TS	37390	available
1676	R2-1803374	Cell reselection for inactive UEs	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.2	Selection/reselection rules	33740	available
1677	R2-1803375	Cell Quality Adjustment in Idle/Inactive State	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.3	Cell quality derivation	33750	available
1678	R2-1803376	Service-based camping	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.4	Service based reselection	33760	available
1679	R2-1803377	Speed dependent mobility in Idle and Inactive mode	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.5	Selection/reselection - other aspects	33770	available
1680	R2-1803378	Cell reservation and forward compatibility for CSG in NR	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.5	Selection/reselection - other aspects	33780	available
1681	R2-1803379	Support of Redistribution priority in NR	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.5.5	Selection/reselection - other aspects	33790	available
1682	R2-1803380	Discussion and Text proposal on the power information exchange between MN and SN (ASN.1 H317)	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.3.2	ASN.1 issue documents	33800	available
1683	R2-1803381	Discussion and Text proposal on the ARFCN in NR(ASN.1 H297)	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.3.2	ASN.1 issue documents	33810	available
1684	R2-1803382	draft reply LS on channel raster and SS raster	Huawei, HiSilicon	Brian Martin	72959	LS out					10.4.3.2	ASN.1 issue documents	33820	available
1685	R2-1803383	Remaining issues on the ASN.1 for beam failure recovery (ASN.1 H318)	Huawei, HiSilicon	Brian Martin	72959	discussion					10.4.3.2	ASN.1 issue documents	33830	available
1686	R2-1803384	Mobility Enhancements for Aerial UEs	Fraunhofer HHI, Fraunhofer IIS	Robin Thomas	70190	discussion	Discussion				9.18	Enhanced LTE Support for Aerial Vehicles	31290	available
1687	R2-1803385	Ciphering of Broadcast Assistance Data	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8 5	Broadcasting of assistance data	30290	noted
1688	R2-1803386	Further on Index based SI distributions	Lenovo, Motorola Mobility, Panasonic	Prateek Basu Mallick	70323	discussion					10.4.1.6.3	Stored system information	34290	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 207

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1671	15-Feb-18	15-Feb-18	R2-1801191		Rel-15			NR_newRAT-Core									
1672	15-Feb-18	15-Feb-18	R2-1801192		Rel-15			NR_newRAT-Core									
1673	15-Feb-18	15-Feb-18			Rel-15	38.331	15.0.0	NR_newRAT-Core			B						
1674	15-Feb-18	15-Feb-18			Rel-15	36.331	15.0.0	NR_newRAT-Core			B						
1675	15-Feb-18	15-Feb-18			Rel-15	36.304	14.5.0	NR_newRAT-Core			B						
1676	15-Feb-18	15-Feb-18	R2-1800511		Rel-15			NR_newRAT-Core									
1677	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1678	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1679	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1680	15-Feb-18	15-Feb-18	R2-1801203		Rel-15			NR_newRAT-Core									
1681	15-Feb-18	15-Feb-18	R2-1800512		Rel-15			NR_newRAT-Core									
1682	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1683	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1684	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core					R4-1714295	RAN1, RAN3, RAN4			
1685	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1686	15-Feb-18	15-Feb-18			Rel-15												
1687	15-Feb-18	16-Feb-18						LCS_LTE_acc_enh-Core									
1688	15-Feb-18	15-Feb-18	R2-1705387		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 208

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1689	R2-1803387	BWP operation for requesting other SI for PCell and SCell	Lenovo, Motorola Mobility	Prateek Basu Mallick	70323	discussion		=> Offline#15 (LGE)			10.2.5	Bandwidth parts	18200	available
1690	R2-1803388	[DRAFT] Response to LS on encrypting broadcasted positioning data	Qualcomm Incorporated	Sven Fischer	20628	LS out	Approval				9.8 5	Broadcasting of assistance data	33900	available
1691	R2-1803389	Differentiation of RA parameters Stage2 and 3 details	Lenovo, Motorola Mobility	Prateek Basu Mallick	70323	discussion					10.3.1.4.1	Differentiation of RA parameters	19690	noted
1692	R2-1803390	Distribution of Ciphering Keys for Broadcast of Positioning Assistance Data	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8.5	Broadcasting of assistance data	33880	available
1693	R2-1803391	Initial BWP for Secondary Serving Cell	Lenovo, Motorola Mobility	Prateek Basu Mallick	70323	discussion					10.2.5	Bandwidth parts	33910	available
1694	R2-1803392	On demand SI Request remaining FFS	Lenovo, Motorola Mobility	Prateek Basu Mallick	70323	discussion	Decision				10.4.1.6.6	On demand system information	36450	available
1695	R2-1803393	[DRAFT] Response to LS on encrypting broadcasted positioning data and LS on provisioning of positioning assistance data via LPPa for broadcast	Qualcomm Incorporated	Sven Fischer	20628	LS out	Approval				9.8 5	Broadcasting of assistance data	33930	available
1696	R2-1803394	Further Details on Broadcast of Assistance Data	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8 5	Broadcasting of assistance data	34550	noted
1697	R2-1803395	Comments on Running LPP CR for RTK Positioning	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8 2	GNSS positioning enhancements	31420	noted
1698	R2-1803396	Number of DRBs in NR	MediaTek Inc.	Pavan Nuggehalli	60166	discussion	Decision	=> Offline#16 (Samsung)			10.2.12	QoS	18660	available
1699	R2-1803397	Mitigating Movement of a UE during Positioning using IMUs	Qualcomm Incorporated	Sven Fischer	20628	discussion	Decision				9.8 3	Support for IMU positioning	19730	available
1700	R2-1803398	Running LPP CR for INS support	Qualcomm Incorporated	Sven Fischer	20628	draftCR					9.8 3	Support for IMU positioning	23120	available
1701	R2-1803399	Introduction of UE-Based OTDOA Positioning	Qualcomm Incorporated	Sven Fischer	20628	discussion					9.8.4	UE-based OTDOA positioning	33990	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1689	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1690	15-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core					R2-1801750	SA3	RAN3, SA2		
1691	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1692	15-Feb-18	16-Feb-18						LCS_LTE_acc_enh-Core									
1693	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1694	15-Feb-18	15-Feb-18	R2-1800712		Rel-15			NR_newRAT-Core									
1695	15-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core					R2-1801744	SA2	CT1, CT4, SA3, RAN3		
1696	15-Feb-18	16-Feb-18						LCS_LTE_acc_enh-Core									
1697	15-Feb-18	16-Feb-18						LCS_LTE_acc_enh-Core									
1698	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1699	15-Feb-18	16-Feb-18	R2-1711034					LCS_LTE_acc_enh-Core									
1700	15-Feb-18	16-Feb-18			Rel-14	36.355	14.4.0	LCS_LTE_acc_enh-Core			B						
1701	15-Feb-18	16-Feb-18						LCS_LTE_acc_enh-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 210

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1702	R2-1803400	Draft CR 36.305: Introduction of UE-based OTDOA Positioning	Qualcomm Incorporated	Sven Fischer	20628	draftCR					9.8.4	UE-based OTDOA positioning	34000	available
1703	R2-1803401	Segmentation of LPP Messages	Qualcomm Incorporated, Ericsson, Nokia	Sven Fischer	20628	CR	Agreement				8.25	LTE TEI14 enhancements	34570	agreed
1704	R2-1803402	Corrections related to RLC data volume	MediaTek Inc.	Pavan Nuggehalli	60166	discussion	Decision				10.3.3.7	Other	34020	noted
1705	R2-1803403	On mapping NAS QFI to AS QFI	Qualcomm Incorporated	Yu-Ting Yu	66425	discussion	Decision				10.3.4.2	Header Format	19710	noted
1706	R2-1803404	Flow relocation	Qualcomm Incorporated	Yu-Ting Yu	66425	discussion	Decision				10.3.4.3	QoS flow remapping and handover	34240	not treated
1707	R2-1803405	SCG failure handling for split bearer	Qualcomm Incorporated	Yu-Ting Yu	66425	discussion	Decision				10.4.1.5.2	SCG failure for EN-DC	36630	available
1708	R2-1803406	Corrections for RLC specification	MediaTek Inc. (Rapporteur)	Pavan Nuggehalli	60166	CR	Approval				10.3.2.1	TS	19980	agreed
1709	R2-1803407	SUL parameters in PDCCH-Config (ASN.1 H300)	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.3.2	ASN.1 issue documents	34070	available
1710	R2-1803408	BSR design to support pre-processing	MediaTek Inc.	Pavan Nuggehalli	60166	discussion	Decision				10.3.1.6	BSR	386800	noted
1711	R2-1803409	CE-based access barring and load balancing for idle mode UEs for eFeMTC	Kyocera	Henry Chang	23830	discussion					9.14.5	Access/load control of idle mode UEs	34090	available
1712	R2-1803410	QFI mapping in SDAP	MediaTek Inc.	Pavan Nuggehalli	60166	discussion	Decision				10.3.4.2	Header Format	34030	not treated
1713	R2-1803411	Report of email Discussion [99bis#58][LTE/Positioning] Measurements for IMU positioning	Intel Corporation	Youn hyoung Heo	47007	discussion					9.8.3	Support for IMU positioning	19660	noted
1714	R2-1803412	Signaling acceleration and displacement for IMU positioning in LPP	Intel Corporation	Youn hyoung Heo	47007	draftCR					9.8.3	Support for IMU positioning	19720	available
1715	R2-1803413	[DRAFT] LS to SA2 on describing acceleration and displacement	Intel Corporation	Youn hyoung Heo	47007	LS out	Approval				9.8.3	Support for IMU positioning	31400	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 211

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1702	15-Feb-18	16-Feb-18	R2-1711038		Rel-15	36.355	14.4.0	LCS_LTE_acc_enh-Core			B						
1703	15-Feb-18	16-Feb-18	R2-1713021		Rel-14	36.355	14.4.0	TEI14	0189	1	F						
1704	15-Feb-18	16-Feb-18	R2-1801149		Rel-15	38.323		NR_newRAT-Core									
1705	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1706	15-Feb-18	16-Feb-18	R2-1801264		Rel-15			NR_newRAT-Core									
1707	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1708	15-Feb-18	16-Feb-18			Rel-15	38.322	15.0.0	NR_newRAT-Core	0003		F						
1709	15-Feb-18	21-Feb-18			Rel-15												
1710	15-Feb-18	16-Feb-18	R2-1801140		Rel-15			NR_newRAT-Core									
1711	15-Feb-18	16-Feb-18															
1712	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1713	15-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core									
1714	15-Feb-18	16-Feb-18			Rel-15	36.355	14.4.0	LCS_LTE_acc_enh-Core									
1715	15-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core						SA2			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 212

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1716	R2-1803414	Corrections to the periodical reporting ASN1 for WLAN, Sensor and TBS	Intel Corporation	Youn hyoung Heo	47007	CR	Agreement				8.7	WI: Further Indoor Positioning enhancements for UTRA and LTE	34140	withdrawn
1717	R2-1803415	Consideration of T300 and Contention Resolution Timer for EDT in eFeMTC and FeNB-IoT	Kyocera	Henry Chang	23830	discussion					9.14.2	Early data transmission	31430	available
1718	R2-1803416	RRC processing delay for standalone NR	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion					10.4.1.3.5	Other	34160	available
1719	R2-1803417	Padding issue of EDT in eFeMTC and FeNB-IoT	Kyocera	Henry Chang	23830	discussion					9.14.2	Early data transmission	26110	available
1720	R2-1803418	Additional information in CG-ConfigInfo to resolve PCID confusion	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion		=> Should be discussed in RAN3 first			10.4.1.3.1	Corrections to connection control for EN-DC	34180	noted
1721	R2-1803419	RAN2 aspects to support dual registration	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion					10.2.14	Other	26060	noted
1722	R2-1803420	UE-based mobility solution with Uplink Interference coordination	Kyocera	Henry Chang	23830	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	31380	available
1723	R2-1803421	[Draft] Reply LS on simultaneous transmission and/or reception over EPC/E-UTRAN and 5GC/NR	Samsung Electronics GmbH	Jungsoo Jung	40884	LS out	Approval				10.2.14	Other	26460	available
1724	R2-1803422	Report of email discussion on [NR-AH1801#12][NR] System information procedures	Samsung R&D Institute India	Mangesh Ingale	75300	report					10.4.1.6.2	System information procedures email discussion	34220	noted
1725	R2-1803423	Slice Information in RRC	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion					10.2.11	Slicing	34230	available
1726	R2-1803424	Further considerations on in-order QoS flow remapping	MediaTek Inc.	Pavan Nuggehalli	60166	discussion	Decision				10.3.4.3	QoS flow remapping and handover	20130	noted
1727	R2-1803425	UL split SRB and SCG failure	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion					10.4.1.3.5	Other	34250	available
1728	R2-1803426	Considerations for MDT with WLAN/BT measurements	Kyocera	Henry Chang	23830	discussion					9.19	Bluetooth/WLAN measurement collection in MDT	32370	noted
1729	R2-1803427	NR user plane latency	Samsung Electronics GmbH	Jungsoo Jung	40884	discussion					10.3.1.13	Other	31880	not treated
1730	R2-1803428	Remaining SIB1 contents	Samsung R&D Institute India	Mangesh Ingale	75300	discussion					10.4.1.6.1	System information content/structure	33590	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 213

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1716	15-Feb-18				Rel-14	36.355	14.4.0	UTRA_LTE_iPos_enh2-Core	0192		F						
1717	15-Feb-18	16-Feb-18															
1718	15-Feb-18	15-Feb-18	R2-1801456														
1719	15-Feb-18	16-Feb-18															
1720	15-Feb-18	15-Feb-18															
1721	15-Feb-18	15-Feb-18	R2-1801451														
1722	15-Feb-18	16-Feb-18															
1723	15-Feb-18	15-Feb-18	R2-1801452										R2-1710242	SA2			
1724	15-Feb-18	23-Feb-18															
1725	15-Feb-18	15-Feb-18	R2-1801450														
1726	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1727	15-Feb-18	15-Feb-18	R2-1801449														
1728	15-Feb-18	16-Feb-18															
1729	15-Feb-18	15-Feb-18	R2-1801454														
1730	15-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 214

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1731	R2-1803429	Remaining issues for Index based approach and Stored SI	Samsung R&D Institute India	Mangesh Ingale	75300	discussion					10.4.1.6.3	Stored system information	36590	available
1732	R2-1803430	Common Security framework for Resume and Re-establishment	Samsung R&D Institute India	Mangesh Ingale	75300	discussion					10.4.1.7.6	Security framework for inactive	36400	available
1733	R2-1803431	Open issues on paging in RRC_INACTIVE	Ericsson Japan	Janne Peisa	33372	discussion					10.4.1.7.4	Paging in inactive	34310	available
1734	R2-1803432	Stage 2 CR on the support of intra-system HO between LTE and NR (38.300)	Ericsson	Oumer Teyeb	47021	draftCR	Discussion				10.2.9	Mobility - Inter-RAT	24800	noted
1735	R2-1803433	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel	Tero Henttonen	69943	CR	Agreement				8.25	LTE TEI14 enhancements	34580	revised
1736	R2-1803434	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel	Tero Henttonen	69943	CR	Agreement				8.25	LTE TEI14 enhancements	34600	revised
1737	R2-1803435	F1AP impacts on RRC	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34350	available
1738	R2-1803436	Remaining issues in PDCP-Config	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.3.2	ASN.1 issue documents	34360	withdrawn
1739	R2-1803437	[DRAFT] Reply LS on Certification/License and Identification of Aerial Vehicles	Ericsson	Helka-liina Maattanen	61821	LS out	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	23030	available
1740	R2-1803438	SMTC and measurement gap timing for EN-DC	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	discussion	Discussion				10.4.2.2	Corrections to RRM measurements for EN-DC	32540	noted
1741	R2-1803439	Enabling MBMS Bearer Event Notification	Ericsson	Helka-liina Maattanen	61821	CR	Agreement				9.21.2	Other	32350	available
1742	R2-1803440	Consideration on self evaluation of IMT-2020 for CP latency	Huawei, HiSilicon	Simone Provvedi	36483	discussion	Discussion				10.2.14	Other	34410	available
1743	R2-1803441	Consideration on self evaluation of IMT-2020 for UP latency	Huawei, HiSilicon	Simone Provvedi	36483	discussion	Discussion				10.2.14	Other	35290	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 215

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1731	15-Feb-18	16-Feb-18															
1732	15-Feb-18	16-Feb-18															
1733	15-Feb-18	15-Feb-18															
1734	15-Feb-18	15-Feb-18			Rel-15	38.300	15.0.0	NR_newRAT-Core									
1735	15-Feb-18	16-Feb-18		R2-1803848	Rel-14	36.331	14.5.1	TEI14	3273		F						
1736	15-Feb-18	16-Feb-18		R2-1803849	Rel-15	36.331	15.0.1	TEI14	3274		A						
1737	15-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core									
1738	15-Feb-18				Rel-15												
1739	15-Feb-18	15-Feb-18			Rel-15			FS_LTE_Aerial					R2-1712152	SA2, RAN3	SA1		
1740	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1741	15-Feb-18	15-Feb-18			Rel-15	36.300	15.0.0	MBMS_Mcservices, TEI15	1103		B						
1742	15-Feb-18	15-Feb-18	R2-1801221		Rel-15												
1743	15-Feb-18	15-Feb-18	R2-1801222		Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 216

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1744	R2-1803442	Considerations on Multi-beams Operation & Paging Resource Allocation	Sony Europe Limited	Vivek Sharma	56626	other	Discussion				10.4.5.6	Idle/inactive paging	35770	available
1745	R2-1803443	Introduction of EDT for eMTC and NB-IoT enhancements	Qualcomm Incorporated, Huawei, HiSilicon	Umesh Phuyal	71775	draftCR	Endorsement	Running RRC CR for EDT			9.14.1	Organisational	17270	available
1746	R2-1803444	[DRAFT] Reply LS on requirements on unified access control for 5GS	Ericsson	Janne Peisa	33372	LS out					10.4.1.8.1	Access control for Idle/Inactive	33190	available
1747	R2-1803445	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated	Umesh Phuyal	71775	CR	Agreement				7.3	Other LTE Rel-13 WIs	35080	revised
1748	R2-1803446	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated	Umesh Phuyal	71775	CR	Agreement				7.3	Other LTE Rel-13 WIs	35100	revised
1749	R2-1803447	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated	Umesh Phuyal	71775	CR	Agreement				7.3	Other LTE Rel-13 WIs	36200	revised
1750	R2-1803448	[DRAFT] reply LS to SA3 on encryption of broadcast positioning information	Ericsson	Ritesh Shreevastav	69655	LS out	Approval				9.8 5	Broadcasting of assistance data	33940	available
1751	R2-1803449	E402 Identification of measurement object corresponding to the serving carrier	Ericsson	Helka-liina Maattanen	61821	discussion	Decision				10.4.3.2	ASN.1 issue documents	34490	available
1752	R2-1803450	E401 Time window configuration procedure in NR	Ericsson	Helka-liina Maattanen	61821	discussion	Decision				10.4.3.2	ASN.1 issue documents	34500	available
1753	R2-1803451	Layer 3 mobility based on CSI-RS events	Ericsson	Helka-liina Maattanen	61821	discussion	Decision				10.4.1.4.4	Measurement events	34510	available
1754	R2-1803452	Addition of a new positioning method based on additional sensors measurements	Ericsson, Sony	Ritesh Shreevastav	69655	CR	Agreement				9.8.3	Support for IMU positioning	19740	available
1755	R2-1803453	On remaining issues of GNSS RTK information via LPP	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.8 2	GNSS positioning enhancements	32820	noted
1756	R2-1803454	[DRAFT] reply LS to SA2 on encryption of broadcast positioning information	Ericsson	Ritesh Shreevastav	69655	LS out	Approval				9.8 5	Broadcasting of assistance data	34480	available
1757	R2-1803455	Encryption and key handling of broadcast positioning information	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.8 5	Broadcasting of assistance data	30330	available
1758	R2-1803456	On the remaining details of NR Release 15 positioning support	Ericsson	Ritesh Shreevastav	69655	discussion	Decision	=> Offline#20 (Ericsson): LS to RAN4			10.2.13	Positioning	28030	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 217

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1744	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1745	15-Feb-18	15-Feb-18	R2-1713710		Rel-15	36.331	15.0.1	LTE_eMTC4-Core, NB_IOTenh2-Core			B						
1746	15-Feb-18	15-Feb-18											R2-1712105	CT1	SA1, SA2		
1747	15-Feb-18	15-Feb-18		R2-1803839	Rel-13	36.331	13.8.1	LTE_CA_enh_b5C-Core	3275		F						
1748	15-Feb-18	15-Feb-18		R2-1803840	Rel-14	36.331	14.5.1	LTE_CA_enh_b5C-Core	3276		A						
1749	15-Feb-18	15-Feb-18		R2-1803841	Rel-15	36.331	15.0.1	LTE_CA_enh_b5C-Core	3277		A						
1750	15-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core						SA3	RAN3, SA2		
1751	15-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
1752	15-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
1753	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1754	15-Feb-18	16-Feb-18			Rel-15	36.355	14.4.0	LCS_LTE_acc_enh-Core	0193		B						
1755	15-Feb-18	16-Feb-18			Rel-15												
1756	15-Feb-18	16-Feb-18			Rel-15									SA2	SA3,RAN3,CT1,CT4		
1757	15-Feb-18	16-Feb-18			Rel-15												
1758	15-Feb-18	16-Feb-18			Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 218

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1759	R2-1803457	Signalling for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank	Tero Henttonen	69943	CR	Agreement				8.25	LTE TEI14 enhancements	35370	revised
1760	R2-1803458	Capability for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank	Tero Henttonen	69943	CR	Discussion				8.25	LTE TEI14 enhancements	35380	revised
1761	R2-1803459	Text proposal for 38.305 skeleton	Ericsson	Ritesh Shreevastav	69655	discussion	Approval				10.2.13	Positioning	33160	available
1762	R2-1803460	Signalling for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank	Tero Henttonen	69943	CR	Discussion				8.25	LTE TEI14 enhancements	35390	revised
1763	R2-1803461	Procedural details for prioritized Random Access	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion					10.3.1.4.1	Differentiation of RA parameters	24420	not treated
1764	R2-1803462	Access Control impacts to NR RRC estalishment cause	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion					10.4.1.3.3	Connection establishment procedures	34620	available
1765	R2-1803463	Slice assistance information over RRC with TP	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion					10.2.11	Slicing	34630	available
1766	R2-1803464	Control of the frequency on which the UE camps with TP	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion		=> Offline#45 (Nokia)			10.2.11	Slicing	17930	noted
1767	R2-1803465	Access Barring Control for RRC_INACTIVE	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion					10.4.1.8.1	Access control for Idle/Inactive	35450	available
1768	R2-1803466	NAS/AS modelling for Access Control	Nokia, Nokia Shaghai Bell	Malgorzata Tomala	68485	discussion					10.4.1.8.1	Access control for Idle/Inactive	35460	available
1769	R2-1803467	Pre-Defined Dictionary Configuration for UDC	Ericsson	Ritesh Shreevastav	69655	CR	Agreement				9.16	UL data compression in LTE	21280	available
1770	R2-1803468	Pre-defined Dictionary for UDC	Ericsson	Ritesh Shreevastav	69655	CR	Agreement				9.16	UL data compression in LTE	21290	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 219

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1759	15-Feb-18	16-Feb-18		R2-1803850	Rel-14	36.331	14.5.1	TEI14	3278		F						
1760	15-Feb-18	16-Feb-18		R2-1803851	Rel-14	36.306	14.5.0	TEI14	1561		F						
1761	15-Feb-18	16-Feb-18			Rel-15	38.305											
1762	15-Feb-18	16-Feb-18		R2-1803968	Rel-15	36.331	15.0.1	TEI14	3279		A						
1763	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1764	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1765	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1766	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1767	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1768	15-Feb-18	16-Feb-18						NR_newRAT-Core									
1769	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_UDC-Core	3280		B						
1770	15-Feb-18	16-Feb-18			Rel-15	36.323	14.5.0	LTE_UDC-Core	0226		B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 220

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1771	R2-1803469	Pre-Defined Dictionary for UDC	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.16	UL data compression in LTE	19170	noted
1772	R2-1803470	Setup and Release Behaviour for UDC during setup/release	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.16	UL data compression in LTE	28560	available
1773	R2-1803471	Standard and Operator defined dictionary capability support for UDC	Ericsson	Ritesh Shreevastav	69655	CR	Agreement				9.16	UL data compression in LTE	21300	available
1774	R2-1803472	Requirements on new PHR formats	Ericsson	Mats Folke	43898	discussion					10.3.1.12	PHR	19910	not treated
1775	R2-1803473	Correction to MAC Entity modelling	Ericsson	Mats Folke	43898	CR					6	LTE: REL-12 AND EARLIER RELEASES	34730	not pursued
1776	R2-1803474	Correction to MAC Entity modelling	Ericsson	Mats Folke	43898	CR					6	LTE: REL-12 AND EARLIER RELEASES	34740	not pursued
1777	R2-1803475	Correction to MAC Entity modelling	Ericsson	Mats Folke	43898	CR					6	LTE: REL-12 AND EARLIER RELEASES	34750	not pursued
1778	R2-1803476	Correction to MAC Entity modelling	Ericsson	Mats Folke	43898	CR					6	LTE: REL-12 AND EARLIER RELEASES	34760	postponed
1779	R2-1803477	Correction to MAC Entity modelling	Ericsson	Mats Folke	43898	CR					6	LTE: REL-12 AND EARLIER RELEASES	34770	postponed
1780	R2-1803478	Clarification for the use of en-gNB in LTE Stage-2	Nokia, Nokia Shanghai Bell	Tero Henttonen	69943	CR	Decision				10.2.1	Stage 2 TSs and running CR	34780	agreed
1781	R2-1803479	Outcome of email discussion [NR-AH1801#21][NR] 38.331 ASN.1 review part 3 - L2 params (Huawei)	Huawei	Nathan Tenny	63312	discussion	Decision				10.4.3.1	Rapporteur inputs	35520	revised
1782	R2-1803480	SSB in measObject being mandatory (Z250)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34800	available
1783	R2-1803481	Serving frequency usage in 5.5	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34810	reserved
1784	R2-1803482	TP on s-measure to 38 331 (E398)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34820	available
1785	R2-1803483	TP on s-Measure to 36.331 (E397)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34830	available
1786	R2-1803484	RRM correction to 36.331 (alignment with 38.331)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34840	reserved
1787	R2-1803485	Ambiguities in event definition (E402)	Ericsson	Icaro Leonardo Da Silva	58721	discussion	Discussion				10.4.3.2	ASN.1 issue documents	34850	available
1788	R2-1803486	Further considerations regarding some radio bearer reconfiguration issues	Samsung Telecommunications	Himke Van der Velde	3491	discussion	Decision				10.4.3.2	ASN.1 issue documents	34860	reserved
1789	R2-1803487	General description of early data transmission	Qualcomm Incorporated	Umesh Phuyal	71775	draftCR	Endorsement				9.14.2	Early data transmission	34930	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 221

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1771	15-Feb-18	16-Feb-18			Rel-15												
1772	15-Feb-18	16-Feb-18			Rel-15												
1773	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	LTE_UDC-Core	1562		B						
1774	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1775	15-Feb-18	15-Feb-18			Rel-11	36.321	11.6.0	LTE_CA_enh-Core	1224		F						
1776	15-Feb-18	15-Feb-18			Rel-12	36.321	12.10.0	LTE_CA_enh-Core	1225		A						
1777	15-Feb-18	15-Feb-18			Rel-13	36.321	13.7.0	LTE_CA_enh-Core	1226		A						
1778	15-Feb-18	15-Feb-18			Rel-14	36.321	14.5.0	LTE_CA_enh-Core	1227		A						
1779	15-Feb-18	15-Feb-18			Rel-15	36.321	15.0.0	LTE_CA_enh-Core	1228		A						
1780	15-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	NR_newRAT-Core	1104		F						
1781	15-Feb-18	21-Feb-18		R2-1803762	Rel-15												
1782	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1783	15-Feb-18				Rel-15			NR_newRAT-Core									
1784	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1785	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1786	15-Feb-18				Rel-15			NR_newRAT-Core									
1787	15-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1788	15-Feb-18																
1789	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eMTC4-Core, NB_IOTenh2-Core			B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 222

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1790	R2-1803488	Considerations on release of a mapping of QoS flow to DRB	LG Electronics	Heejeong Cho	69854	discussion					10.3.4.4	Others	35360	not treated
1791	R2-1803489	Draft TS 37.324 v120	Rapporteur (Huawei)	Hao Bi	44845	draft TS	Endorsement				10.3.4.1	TS	34890	revised
1792	R2-1803490	Further discussion on SDAP Configuration	LG Electronics	Heejeong Cho	69854	discussion					10.3.4.4	Others	19330	not treated
1793	R2-1803491	Update of Editor's Notes for TS 37.324 v1.2.0	Rapporteur (Huawei)	Hao Bi	44845	discussion	Decision				10.3.4.1	TS	34910	noted
1794	R2-1803492	Establishment Cause Values for EDT in eMTC and NB-IoT	Qualcomm Incorporated	Umesh Phuyal	71775	discussion	Agreement				9.14.2	Early data transmission	34150	available
1795	R2-1803493	ASN.1 for PRACH partitioning	Qualcomm Incorporated	Umesh Phuyal	71775	discussion	Agreement				9.14.2	Early data transmission	34920	available
1796	R2-1803494	Remaining issues in Resume and Reestablishment in EN-DC (TP to 36.331)	Ericsson Inc.	Oumer Teyeb	47021	discussion	Discussion				10.4.2.3	Corrections to other EN-DC aspects	36640	revised
1797	R2-1803495	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson	Marco Belleschi	61839	CR	Agreement				7.3	Other LTE Rel-13 WIs	23850	revised
1798	R2-1803496	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson	Marco Belleschi	61839	CR	Agreement				7.3	Other LTE Rel-13 WIs	23860	revised
1799	R2-1803497	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson	Marco Belleschi	61839	CR	Agreement				7.3	Other LTE Rel-13 WIs	23870	revised
1800	R2-1803498	Clarification to PUCCH Configuration for LAA SCells	Ericsson	Marco Belleschi	61839	CR	Agreement				8.1	WI: Enhanced LAA for LTE	34980	not pursued
1801	R2-1803499	Clarification to PUCCH Configuration for LAA SCells	Ericsson	Marco Belleschi	61839	CR	Agreement				8.1	WI: Enhanced LAA for LTE	34990	not pursued
1802	R2-1803500	Clarification to PUCCH Configuration for LAA SCells	Ericsson	Marco Belleschi	61839	CR	Agreement				8.1	WI: Enhanced LAA for LTE	35000	agreed
1803	R2-1803501	Clarification to PUCCH Configuration for LAA SCells	Ericsson	Marco Belleschi	61839	CR	Agreement				8.1	WI: Enhanced LAA for LTE	35010	agreed
1804	R2-1803502	AUL Configuration for feLAA	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35030	available
1805	R2-1803503	Channel Access Priority Classes for feLAA	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35040	available
1806	R2-1803504	Coexistence Between AUL and Dynamically Scheduled UL Grants	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35050	available
1807	R2-1803505	HARQ Retransmissions for Autonomous UL Access	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35060	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 223

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1790	15-Feb-18	15-Feb-18	R2-1801457					NR_newRAT-Core									
1791	15-Feb-18	16-Feb-18	R2-1713458	R2-1803862	Rel-15	37.324	1.2.0	NR_newRAT-Core									
1792	15-Feb-18	15-Feb-18	R2-1713668					NR_newRAT-Core									
1793	15-Feb-18	16-Feb-18			Rel-15	37.324		NR_newRAT-Core									
1794	15-Feb-18	16-Feb-18						LTE_eMTC4-Core, NB_IOTenh2-Core									
1795	15-Feb-18	16-Feb-18						LTE_eMTC4-Core									
1796	15-Feb-18	20-Feb-18		R2-1804069	Rel-15			NR_newRAT-Core									
1797	15-Feb-18	16-Feb-18		R2-1803836	Rel-13	36.300	13.10.0	LTE_LAA-Core	1105		B						
1798	15-Feb-18	16-Feb-18		R2-1804006	Rel-14	36.300	14.5.0	LTE_LAA-Core	1106		A						
1799	15-Feb-18	16-Feb-18		R2-1804007	Rel-15	36.300	15.0.0	LTE_LAA-Core	1107		A						
1800	15-Feb-18	16-Feb-18			Rel-14	36.300	14.5.0	LTE_eLAA-Core	1108		F						
1801	15-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	LTE_eLAA-Core	1109		A						
1802	15-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_eLAA-Core	3281		F						
1803	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_eLAA-Core	3282		A						
1804	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1805	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1806	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1807	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 224

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1808	R2-1803506	Impact on BSR for feLAA	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35070	available
1809	R2-1803507	Impact on Uplink Timing Alignment for feLAA	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35090	noted
1810	R2-1803508	LS on Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson	Marco Belleschi	61839	LS out	Approval				7.3	Other LTE Rel-13 WIs	23880	not treated
1811	R2-1803509	MAC Modelling for AUL	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	22520	noted
1812	R2-1803510	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson	Marco Belleschi	61839	discussion					7.3	Other LTE Rel-13 WIs	23890	not treated
1813	R2-1803511	On AUL Confirmation	Ericsson	Marco Belleschi	61839	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35110	available
1814	R2-1803512	RAN2 Impact on Multiple Starting and Ending Positions in a Subframe	Ericsson	Marco Belleschi	61839	discussion					9.12.3	Other operation on Frame structure type 3	35120	available
1815	R2-1803513	Control Plane latency reduction	Ericsson	Marco Belleschi	61839	CR					9.21.1	CP latency for LTE	398500	available
1816	R2-1803514	Control Plane latency reduction	Ericsson	Marco Belleschi	61839	CR					9.21.1	CP latency for LTE	398501	available
1817	R2-1803515	Control Plane Latency Reduction	Ericsson	Marco Belleschi	61839	discussion		=> Offline#288 (Ericsson)			9.21.1	CP latency for LTE	24130	noted
1818	R2-1803516	Clarification to Sidelink Booking Processes	Ericsson	Marco Belleschi	61839	CR	Agreement				8.13.2	User plane	32920	revised
1819	R2-1803517	Clarification to Sidelink Booking Processes	Ericsson	Marco Belleschi	61839	CR	Agreement				8.13.2	User plane	35160	revised
1820	R2-1803518	Clarifications to V2X Zoning	Ericsson	Marco Belleschi	61839	CR	Agreement				8.13.3	Control plane	32940	available
1821	R2-1803519	Clarifications to V2X Zoning	Ericsson	Marco Belleschi	61839	CR	Agreement				8.13.3	Control plane	32950	available
1822	R2-1803520	CBR-PPPP Configuration for Sidelink Carrier Selection	Ericsson	Marco Belleschi	61839	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35210	available
1823	R2-1803521	Configuration of LCIDs for Sidelink Packet Duplication	Ericsson	Marco Belleschi	61839	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	19090	noted
1824	R2-1803522	Latency reduction for eV2V	Ericsson	Marco Belleschi	61839	discussion					9.10.4	Others	36210	available
1825	R2-1803523	LS Reply on Reliability for eV2X	Ericsson	Marco Belleschi	61839	LS out					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35230	available
1826	R2-1803524	On the Support of 64QAM and TX diversity	Ericsson	Marco Belleschi	61839	discussion					9.10.4	Others	36240	available
1827	R2-1803525	Packet duplication for PC5	Ericsson	Marco Belleschi	61839	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35250	available
1828	R2-1803526	Pool sharing between mode 3 and mode 4	Ericsson	Marco Belleschi	61839	discussion					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	35260	available
1829	R2-1803527	Sidelink Carrier Selection Criteria for RX	Ericsson	Marco Belleschi	61839	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	20050	noted
1830	R2-1803528	Sidelink Carrier Selection Criteria for TX	Ericsson	Marco Belleschi	61839	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	35270	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 225

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1808	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1809	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1810	15-Feb-18	16-Feb-18			Rel-13			LTE_LAA-Core						RAN4			
1811	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1812	15-Feb-18	16-Feb-18			Rel-13			LTE_LAA-Core									
1813	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1814	15-Feb-18	16-Feb-18			Rel-15			LTE_unlic-Core									
1815	15-Feb-18	16-Feb-18			Rel-15	36.306	14.5.0	TEI15	1563		B						
1816	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	TEI15	3283		B						
1817	15-Feb-18	16-Feb-18			Rel-15			TEI15									
1818	15-Feb-18	16-Feb-18		R2-1803905	Rel-14	36.321	14.5.0	LTE_V2X-Core	1229		F						
1819	15-Feb-18	16-Feb-18		R2-1803906	Rel-15	36.321	15.0.0	LTE_V2X-Core	1230		A						
1820	15-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	LTE_V2X-Core	3284		F						
1821	15-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	LTE_V2X-Core	3285		A						
1822	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1823	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1824	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1825	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core						SA2	CT1		
1826	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1827	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1828	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1829	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									
1830	15-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 226

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1831	R2-1803529	UP latency in NR	Ericsson	Riikka Susitaival	44957	discussion	Decision				10.2.14	Other	35300	available
1832	R2-1803530	Dual registration and RAN impacts	Ericsson	Riikka Susitaival	44957	discussion	Decision				10.2.14	Other	27380	available
1833	R2-1803531	Definitions for PSCell/Pcell/SpCell (38331 RIL F008)	Ericsson	Riikka Susitaival	44957	discussion	Decision				10.4.3.2	ASN.1 issue documents	35310	revised
1834	R2-1803532	Inter node procedure for handover command duplication	Ericsson	Riikka Susitaival	44957	discussion	Decision				10.2.2.2	Other	35320	noted
1835	R2-1803533	Summary of email discussion #23 for 38.331 ASN.1 review part 5	Ericsson	Riikka Susitaival	44957	discussion	Decision				10.4.3.1	Rapporteur inputs	37621	available
1836	R2-1803534	Avoiding redundant transmission for PDCP duplication	CMCC	Ningyu Chen	62843	discussion					10.3.3.5	PDCP duplication	31680	not treated
1837	R2-1803535	Shorter QFI in SDAP header	CMCC	Ningyu Chen	62843	discussion					10.3.4.2	Header Format	34100	not treated
1838	R2-1803536	Data forwarding of L2	CMCC	Ningyu Chen	62843	discussion					10.3.4.4	Others	19340	not treated
1839	R2-1803537	RRC reconfiguration of SPS-Config	Ericsson	Zhenhua Zou	73815	discussion	Decision				8.25	LTE TEI14 enhancements	35400	noted
1840	R2-1803538	CR for RRC reconfiguration of SPS-Config 36321 rel14	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	35410	revised
1841	R2-1803539	CR for RRC reconfiguration of SPS-Config 36321 rel15	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	35490	revised
1842	R2-1803540	CR for RRC reconfiguration of SPS-Config 36331 rel14	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	37010	revised
1843	R2-1803541	CR for RRC reconfiguration of SPS-Config 36331 rel15	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	37030	revised
1844	R2-1803542	Access Control in RRC_INACTIVE	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	34440	available
1845	R2-1803543	Access Control for OSI request	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	34650	available
1846	R2-1803544	Access control signaling design	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision				10.4.1.8.1	Access control for Idle/Inactive	34660	available
1847	R2-1803545	Basic Access Control in NR	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision	In this paper, we will continue to discuss the access control mechanism for NR			10.4.1.8.1	Access control for Idle/Inactive	35420	available
1848	R2-1803546	Access Control for MT	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision	In this paper, the access control mechanism for mobile terminating services is analyzed			10.4.1.8.1	Access control for Idle/Inactive	35430	available
1849	R2-1803547	Access Control in NR for RRC_CONNECTED	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision	In this paper, we give further analysis on AC mechanisms for a NR UE in RRC-CONNECTED, and related triggering conditions.			10.4.1.8.2	Access control for connected	35470	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 227

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1831	15-Feb-18	15-Feb-18	R2-1801209		Rel-15			NR_newRAT-Core									
1832	15-Feb-18	15-Feb-18	R2-1801212		Rel-15			NR_newRAT-Core									
1833	15-Feb-18	20-Feb-18		R2-1804057	Rel-15			NR_newRAT-Core									
1834	15-Feb-18	15-Feb-18			Rel-15			NR_newRAT-Core									
1835	15-Feb-18	26-Feb-18			Rel-15			NR_newRAT-Core									
1836	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1837	15-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1838	15-Feb-18	16-Feb-18	R2-1800802		Rel-15			NR_newRAT-Core									
1839	15-Feb-18	16-Feb-18			Rel-14												
1840	15-Feb-18	16-Feb-18		R2-1803701	Rel-14	36.321	14.5.0	TEI14	1231		C						
1841	15-Feb-18	16-Feb-18		R2-1803702	Rel-15	36.321	15.0.0	TEI14	1232		A						
1842	15-Feb-18	16-Feb-18		R2-1803703	Rel-14	36.331	14.5.1	TEI14	3286		C						
1843	15-Feb-18	16-Feb-18		R2-1803704	Rel-15	36.331	15.0.1	TEI14	3287		A						
1844	15-Feb-18	16-Feb-18	R2-1801173		Rel-15			NR_newRAT-Core									
1845	15-Feb-18	16-Feb-18			Rel-15												
1846	15-Feb-18	16-Feb-18	R2-1801175		Rel-15												
1847	16-Feb-18	16-Feb-18	R2-1713558		Rel-15			NR_newRAT-Core									
1848	16-Feb-18	16-Feb-18	R2-1713565		Rel-15			NR_newRAT-Core									
1849	16-Feb-18	16-Feb-18	R2-1713562		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 228

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1850	R2-1803548	Bandwidths in fallback band combinations	Ericsson	Hakan Palm	18830	discussion					8.25	LTE TEI14 enhancements	23810	noted
1851	R2-1803549	Supported bandwidths in Fallback band combination	Ericsson	Hakan Palm	18830	CR	Agreement				8.25	LTE TEI14 enhancements	23820	revised
1852	R2-1803550	38331 RIL after RAN2 AH 1801	Ericsson	Hakan Palm	18830	discussion					10.4.3.1	Rapporteur inputs	27650	noted
1853	R2-1803551	38331 RIL after ASN.1 Review Phase 2	Ericsson	Hakan Palm	18830	discussion					10.4.3.1	Rapporteur inputs	30940	reserved
1854	R2-1803552	Draft CR to 38331 after RAN2 AH 1801	Ericsson	Hakan Palm	18830	discussion					10.4.3.1	Rapporteur inputs	30950	noted
1855	R2-1803553	Multiplicity definitions in 38331 (E359)	Ericsson	Hakan Palm	18830	discussion					10.4.3.2	ASN.1 issue documents	35530	available
1856	R2-1803554	Unified Access Control for RRC Connected mode	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.8.2	Access control for connected	35540	available
1857	R2-1803555	NR-NR DC for 0ms handover interruption time in NR	AT&T	Milap Majmundar	70953	discussion	Decision				4.1	Handover interruption time for LTE and NR	383300	available
1858	R2-1803556	Impact of beam failure and recovery on RLM procedures	AT&T	Milap Majmundar	70953	discussion	Decision				10.2.8	Mobility - RLM,RLF	35560	available
1859	R2-1803557	Remaining details of CSI-RS for RRM configuration	AT&T	Milap Majmundar	70953	discussion	Decision				10.4.1.4.1	Corrections to RRM for EN-DC	31460	noted
1860	R2-1803558	Unified Access Control for Idle/Inactive	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.8.1	Access control for Idle/Inactive	35440	available
1861	R2-1803559	Remaining Issues for AUL	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					9.12.2	Autonomous uplink access on Frame structure type 3	35590	available
1862	R2-1803560	DRX Inactivity Timer and Aperiodic CSI Request	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.10	DRX	35610	not treated
1863	R2-1803561	An issue with DRX on duration timer	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.10	DRX	32320	not treated
1864	R2-1803562	Impact of PDCP duplication on BSR	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.11	Impact of PDCP duplication on MAC	31670	not treated
1865	R2-1803563	Correction for BWP for random access in connected mode	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.2	MAC general aspects	35640	not treated
1866	R2-1803564	Dormant BWP for fast SCell activation	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.2	MAC general aspects	24360	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 229

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1850	16-Feb-18	16-Feb-18			Rel-14			TEI14									
1851	16-Feb-18	16-Feb-18		R2-1803844	Rel-14	36.306	14.5.0	TEI14	1564		F						
1852	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1853	16-Feb-18				Rel-15			NR_newRAT-Core									
1854	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1855	16-Feb-18	25-Feb-18			Rel-15			NR_newRAT-Core									
1856	16-Feb-18	16-Feb-18															
1857	16-Feb-18	16-Feb-18															
1858	16-Feb-18	16-Feb-18															
1859	16-Feb-18	16-Feb-18															
1860	16-Feb-18	16-Feb-18															
1861	16-Feb-18	16-Feb-18															
1862	16-Feb-18	16-Feb-18	R2-1801441		Rel-15	38.321	15.0.0	NR_newRAT-Core	0031	1	C						
1863	16-Feb-18	16-Feb-18	R2-1801433		Rel-15			NR_newRAT-Core									
1864	16-Feb-18	16-Feb-18	R2-1801431		Rel-15			NR_newRAT-Core									
1865	16-Feb-18	16-Feb-18	R2-1801436		Rel-15	38.321	15.0.0	NR_newRAT-Core	0026	1	C						
1866	16-Feb-18	16-Feb-18	R2-1801432		Rel-15	38.321		NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 230

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1867	R2-1803565	BWP operation in C-DRX mode	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.2	MAC general aspects	24380	not treated
1868	R2-1803566	Configuration of random access priority through dedicated signaling	Qualcomm Incorporated, OPPO	Linhai He	72003	discussion	Agreement				10.3.1.4.1	Differentiation of RA parameters	29480	not treated
1869	R2-1803567	Backoff procedure for prioritized random access	Qualcomm Incorporated, Huawei	Linhai He	72003	discussion	Agreement				10.3.1.4.1	Differentiation of RA parameters	24220	not treated
1870	R2-1803568	Signaling aspect of prioritized random access	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.4.1	Differentiation of RA parameters	30400	not treated
1871	R2-1803569	Backoff indication in multi-beam systems	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	35650	available
1872	R2-1803570	Inter-leaved RAR reception in the case of multiple Msg1 transmission in multi-beam operation	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	35690	available
1873	R2-1803571	Simultaneous RAR reception in the case of multiple Msg1 transmissions	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	35700	available
1874	R2-1803572	Selection between CFRA and CBRA for BFR	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.4.2	Random access in presence of multi-beam operation	35710	available
1875	R2-1803573	Random access contention mitigation in NR	Qualcomm Incorporated	Linhai He	72003	discussion	Agreement				10.3.1.4.3	Random access procedures	28440	noted
1876	R2-1803574	Correction for SR cancelation due to an immediate UL-SCH transmission	Qualcomm Incorporated	Linhai He	72003	CR	Agreement				10.3.1.5	SR	32050	not treated

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 231

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1867	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1868	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1869	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1870	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1871	16-Feb-18	16-Feb-18	R2-1801434		Rel-15	38.321	15.0.0	NR_newRAT-Core	0024	1	C						
1872	16-Feb-18	16-Feb-18	R2-1801435		Rel-15	38.321	15.0.0	NR_newRAT-Core	0025	1	C						
1873	16-Feb-18	16-Feb-18	R2-1801444		Rel-15	38.321	15.0.0	NR_newRAT-Core	0034	1	C						
1874	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1875	16-Feb-18	16-Feb-18	R2-1801446		Rel-15			NR_newRAT-Core									
1876	16-Feb-18	16-Feb-18	R2-1801442		Rel-15	38.321	15.0.0	NR_newRAT-Core	0032	1	F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 232

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1877	R2-1803575	Correction for SR cancelation due to inclusion of BSR in a UL-SCH transmission	Qualcomm Incorporated, Xiaomi	Linhai He	72003	CR	Agreement				10.3.1.5	SR	35750	not treated
1878	R2-1803576	Mobility between E-UTRAN and NR	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.2.9	Mobility - Inter-RAT	35760	available
1879	R2-1803577	Use of multiple P-RNTIs for NR paging	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.5.6	Idle/inactive paging	35780	available
1880	R2-1803578	Default Association between SSB and Paging Monitoring	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.5.6	Idle/inactive paging	35830	available
1881	R2-1803579	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon	Xiao Xiao	62927	CR	Agreement				8.13.1	Stage 2	35790	revised
1882	R2-1803580	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon	Xiao Xiao	62927	CR	Agreement				8.13.1	Stage 2	35800	revised
1883	R2-1803581	Consideration of slicing in cell reselection	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.2.11	Slicing	34640	available
1884	R2-1803582	Access Control for RRC_CONNECTED	CMCC	Ningyu Chen	62843	discussion					10.4.1.8.2	Access control for connected	35820	available
1885	R2-1803583	Consideration on NR paging	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.5.6	Idle/inactive paging	36360	available
1886	R2-1803584	Periodic RNAU without anchor gNB relocation	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.7.3	RAN area update procedure	397700	available
1887	R2-1803585	Report of Email Discussion [NR-AH1801#14][NR] RRC inactive procedures	Qualcomm Incorporated	Ozcan Ozturk	42607	report					10.4.1.7.2	RRC inactive procedures email discussion	35850	revised
1888	R2-1803586	UE Support of RRC INACTIVE	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.7.7	Inactive - other	19790	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 233

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1877	16-Feb-18	16-Feb-18			Rel-15	38.321	15.0.0	NR_newRAT-Core	0040		F						
1878	16-Feb-18	16-Feb-18	R2-1800106														
1879	16-Feb-18	16-Feb-18	R2-1713781														
1880	16-Feb-18	16-Feb-18															
1881	16-Feb-18	16-Feb-18	R2-1801910	R2-1803903	Rel-15	36.300	15.0.0	LTE_V2X-Core	1089	1	F						
1882	16-Feb-18	16-Feb-18		R2-1803904	Rel-14	36.300	14.5.0	LTE_V2X-Core	1110		F						
1883	16-Feb-18	16-Feb-18															
1884	16-Feb-18	16-Feb-18	R2-1800790		Rel-15			NR_newRAT-Core									
1885	16-Feb-18	16-Feb-18	R2-1713732														
1886	16-Feb-18	16-Feb-18	R2-1800215														
1887	16-Feb-18	16-Feb-18		R2-1803778													
1888	16-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 234

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1889	R2-1803587	Security Issues for RRC INACTIVE	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.7.6	Security framework for inactive	401400	available
1890	R2-1803588	UE AS Context for RRC_INACTIVE	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.7.7	Inactive - other	397800	available
1891	R2-1803589	RRC_INACTIVE Context ID	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.1.7.7	Inactive - other	20380	noted
1892	R2-1803590	Impact of Deactivation of PDCP Duplication to RLC	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.2.3	Impact of PDCP duplication to RLC	29240	available
1893	R2-1803591	Clarification on Downlink Duplication	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.1.13	Other	34270	not treated
1894	R2-1803592	Implicit Activation and Deactivation of PDCP Duplication	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	22980	not treated
1895	R2-1803593	PBR for PDCP Duplication	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	35920	available
1896	R2-1803594	RLC Max Retransmissions in CA Duplication	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.2.3	Impact of PDCP duplication to RLC	35940	available
1897	R2-1803595	Further Discussion on PDCP Duplication	Samsung	Sangkyu Baek	73380	discussion	Decision				10.3.3.5	PDCP duplication	19880	not treated
1898	R2-1803596	Clarification on UL/DL UE fallback categories	Qualcomm Incorporated	Neha Goel	69738	CR	Agreement				8.24	Other LTE Rel-14 WIs	35960	postponed
1899	R2-1803597	Message 3 support for Sub-PRB Uplink	Sierra Wireless, S.A.	Steven Bennett	58645	discussion	Decision	Discussion related to proposal 10 of email discussion report R2-1803077			9.14.2	Early data transmission	22210	available
1900	R2-1803598	Removal of the FDD/TDD diff restriction for crs-InterfHandl IE	Qualcomm Incorporated	Neha Goel	69738	CR					6	LTE: REL-12 AND EARLIER RELEASES	35980	postponed
1901	R2-1803599	Transmit less-than-expected data for configured sidelink grant for transmission of multiple MAC PDUs	Qualcomm Incorporated	Zhibin Wu	49530	discussion	Decision				8.13.2	User plane	35990	noted
1902	R2-1803600	Removal of the FDD/TDD diff restriction for crs-InterfHandl IE	Qualcomm Incorporated	Neha Goel	69738	CR					6	LTE: REL-12 AND EARLIER RELEASES	36000	not treated
1903	R2-1803601	Clarification on transmit insufficient data with configured sidelink grant	Qualcomm Incorporated	Zhibin Wu	49530	CR	Agreement				8.13.2	User plane	36010	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 235

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1889	16-Feb-18	16-Feb-18															
1890	16-Feb-18	16-Feb-18	R2-1800213														
1891	16-Feb-18	16-Feb-18	R2-1800214														
1892	16-Feb-18	16-Feb-18						NR_newRAT-Core									
1893	16-Feb-18	16-Feb-18						NR_newRAT-Core									
1894	16-Feb-18	16-Feb-18						NR_newRAT-Core									
1895	16-Feb-18	16-Feb-18						NR_newRAT-Core									
1896	16-Feb-18	16-Feb-18	R2-1801502					NR_newRAT-Core									
1897	16-Feb-18	16-Feb-18						NR_newRAT-Core									
1898	16-Feb-18	16-Feb-18			Rel-14	36.306	14.5.0	TEI14	1565		F						
1899	16-Feb-18	16-Feb-18	R2-1713877		Rel-15												
1900	16-Feb-18	16-Feb-18			Rel-11	36.331	11.18.0	TEI11, eICIC_enh_LTE-Core	3288		F						
1901	16-Feb-18	16-Feb-18			Rel-14			LTE_V2X-Core									
1902	16-Feb-18	16-Feb-18			Rel-12	36.331	12.16.0	TEI11, eICIC_enh_LTE-Core	3289		A						
1903	16-Feb-18	16-Feb-18			Rel-14	36.321	14.5.0	LTE_V2X-Core	1233		F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 236

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1904	R2-1803602	Removal of the FDD/TDD diff restriction for crs-InterfHandl IE	Qualcomm Incorporated	Neha Goel	69738	CR					6	LTE: REL-12 AND EARLIER RELEASES	36020	not treated
1905	R2-1803603	Addition of Missing Figures for R-PDCCH, EPDCCH and MPDCCH	Ericsson	Robert Karlsson	75012	CR					9.21.2	Other	28710	postponed
1906	R2-1803604	[DRAFT] LS to RAN4 on euCA measurement improvements	Ericsson	Robert Karlsson	75012	LS out	Approval				9.9.2	Delay reduction for SCell set-up	36600	available
1907	R2-1803605	Measurement improvements for euCA	Ericsson	Robert Karlsson	75012	discussion	Decision				9.9 2	Delay reduction for SCell set-up	36090	available
1908	R2-1803606	RRC Suspended and CA establishment	Ericsson	Robert Karlsson	75012	discussion	Decision				9.9 2	Delay reduction for SCell set-up	397100	available
1909	R2-1803607	CA measurements in Idle	Ericsson	Robert Karlsson	75012	discussion	Decision				9.9 2	Delay reduction for SCell set-up	20720	noted
1910	R2-1803608	Direct activation at configuration	Ericsson	Robert Karlsson	75012	discussion	Decision				9.9 2	Delay reduction for SCell set-up	27530	noted
1911	R2-1803609	Fallback to long CQI reporting period	Ericsson	Robert Karlsson	75012	discussion	Decision				9.9 2	Delay reduction for SCell set-up	26670	available
1912	R2-1803610	Disabling UE capability for access to 5GC	NEC	Hisashi Futaki	38636	discussion	Decision				9.7 2	Stage 2 aspects independent from NR/5GC	399100	available
1913	R2-1803611	UP integrity protection granularity	NEC	Hisashi Futaki	38636	discussion	Decision				10.2.10	Security (non EN-DC)	23970	noted
1914	R2-1803612	[DRAFT] LS on granularity of UP integrity protection	NEC	Hisashi Futaki	38636	LS out	Approval	proposed draft LS out			10.2.10	Security (non EN-DC)	28020	available
1915	R2-1803613	Inter-RAT mobility in RRC INACTIVE state	NEC	Hisashi Futaki	38636	discussion	Decision				10.4.1.7.5	Inter-RAT mobility between NR Inactive and E-UTRA/5GC Inactive	36130	available
1916	R2-1803614	Removal of the FDD/TDD diff restriction for crs-InterfHandl IE	Qualcomm Incorporated	Neha Goel	69738	CR					6	LTE: REL-12 AND EARLIER RELEASES	36140	not treated
1917	R2-1803615	Correction on Sl-offsetIndicator for the sidelink resource pool	Qualcomm Incorporated	Zhibin Wu	49530	CR	Agreement				8.13.3	Control plane	35180	revised
1918	R2-1803616	Removal of the FDD/TDD diff restriction for crs-InterfHandl IE	Qualcomm Incorporated	Neha Goel	69738	CR					6	LTE: REL-12 AND EARLIER RELEASES	36160	not treated
1919	R2-1803617	Extending LTE Overheating mechanism to NR	Qualcomm Incorporated	Neha Goel	69738	discussion					10.4.4.3	Temporary capability restriction	36170	available
1920	R2-1803618	Semi-static configuration used in carrier selection for CA in eV2X	Qualcomm Incorporated	Zhibin Wu	49530	discussion					9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18560	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 237

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1904	16-Feb-18	16-Feb-18			Rel-13	36.331	13.8.1	TEI11, eICIC_enh_LTE-Core	3290		A						
1905	16-Feb-18	16-Feb-18			Rel-15	36.300	15.0.0	TEI15	1111		F						
1906	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core						RAN4			
1907	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1908	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1909	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1910	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1911	16-Feb-18	16-Feb-18			Rel-15			LTE_euCA-Core									
1912	16-Feb-18	16-Feb-18			Rel-15			LTE_5GCN_connect-Core									
1913	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1914	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core						SA3	SA2, RAN3		
1915	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1916	16-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	TEI11, eICIC_enh_LTE-Core	3291		A						
1917	16-Feb-18	16-Feb-18		R2-1803909	Rel-14	36.331	14.5.1	LTE_V2X-Core	3292		F						
1918	16-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	TEI11, eICIC_enh_LTE-Core	3293		A						
1919	16-Feb-18	16-Feb-18			Rel-15												
1920	16-Feb-18	16-Feb-18			Rel-15			LTE_eV2X-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 238

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1921	R2-1803619	Temporary Capability Restriction for standalone NR	Qualcomm Incorporated	Neha Goel	69738	discussion					10.4.4.3	Temporary capability restriction	36190	available
1922	R2-1803620	[DRAFT] Reply LS on Measurement requirement for LAA/WiFi hardware sharing problem	Qualcomm Incorporated	Neha Goel	69738	LS out	Approval				7.3	Other LTE Rel-13 WIs	22500	revised
1923	R2-1803621	Coexistence between Rel-14 and Rel-15 V2X UEs	Qualcomm Incorporated	Zhibin Wu	49530	discussion	Decision				9.10.4	Others	18490	available
1924	R2-1803622	Flow control using highest sequence number acceptable by the receiver	Qualcomm Incorporated	Neha Goel	69738	discussion					10.3.3.7	Other	36220	noted
1925	R2-1803623	Resource pool sharing between Mode 3 and Mode 4	Qualcomm Incorporated	Zhibin Wu	49530	discussion					9.10.3	Radio resource pool sharing between UEs using mode 3 and mode 4	36230	available
1926	R2-1803624	Latency reduction for packet transmission in eV2X	Qualcomm Incorporated	Zhibin Wu	49530	discussion	Decision				9.10.4	Others	391700	available
1927	R2-1803625	[D308] Necessity of initial DL/UL BWP in ServingCellConfig	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	36250	noted
1928	R2-1803626	[D309/310/311] Sub-carrier spacing for Msg.1/2/3	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	36260	available
1929	R2-1803627	[D312/322] RACH resources for contention-free RA including BFR	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	36270	revised
1930	R2-1803628	Avoiding bridges to nowhere	Qualcomm Incorporated	Aziz Gholmieh	24934	discussion	Decision				10.4.4.2	UE capabilities for EN DC	29681	revised
1931	R2-1803629	Managing larger Capability containers	Qualcomm CDMA Technologies	Aziz Gholmieh	24934	discussion					10.4.4.2	UE capabilities for EN DC	31120	noted
1932	R2-1803630	Leaving RRC_CONNECTED	HTC Corporation	Frank Wu	65148	discussion					10.4.2.3	Corrections to other EN-DC aspects	21010	noted
1933	R2-1803631	Discussion on OTDOA positioning	Huawei	Xiang (Steven) Chen	41576	discussion	Discussion				9.8.4	UE-based OTDOA positioning	36310	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 239

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1921	16-Feb-18	16-Feb-18			Rel-15												
1922	16-Feb-18	16-Feb-18		R2-1803835										RAN4			
1923	16-Feb-18	16-Feb-18	R2-1713407					LTE_eV2X-Core									
1924	16-Feb-18	16-Feb-18															
1925	16-Feb-18	16-Feb-18	R2-1713387		Rel-15			LTE_eV2X-Core									
1926	16-Feb-18	16-Feb-18	R2-1713404		Rel-15			LTE_eV2X-Core									
1927	16-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1928	16-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
1929	16-Feb-18	21-Feb-18		R2-1803777	Rel-15			NR_newRAT-Core									
1930	16-Feb-18	16-Feb-18		R2-1803749	Rel-15												
1931	16-Feb-18	16-Feb-18															
1932	16-Feb-18	16-Feb-18															
1933	16-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 240

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1934	R2-1803632	Considerations on system information modification	Huawei, HiSilicon, CAICT	Xiang (Steven) Chen	41576	discussion	Discussion				9.8 5	Broadcasting of assistance data	36340	available
1935	R2-1803633	Discussion on Cipher Key Distribution	Huawei, HiSilicon, CAICT	Xiang (Steven) Chen	41576	discussion	Discussion				9.8 5	Broadcasting of assistance data	33850	available
1936	R2-1803634	Discussion on the broadcasting of assistance data	Huawei, HiSilicon, CAICT	Xiang (Steven) Chen	41576	discussion	Discussion				9.8 5	Broadcasting of assistance data	36330	noted
1937	R2-1803635	Switch between unicast and broadcast	Huawei, HiSilicon, CAICT	Xiang (Steven) Chen	41576	discussion	Discussion				9.8 5	Broadcasting of assistance data	36350	available
1938	R2-1803636	Discussion on paging message	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision				10.4.5.6	Idle/inactive paging	36370	available
1939	R2-1803637	Efficiency of direct and response-driven paging	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision				10.4.5.6	Idle/inactive paging	36390	available
1940	R2-1803638	RAN initiated Paging	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision				10.4.1.7.4	Paging in inactive	36380	available
1941	R2-1803639	Definition of Paging Frame	Huawei, HiSilicon	Mazin Al-Shalash	47174	discussion	Decision				10.4.5.6	Idle/inactive paging	36440	available
1942	R2-1803640	[DRAFT] LS on security framework for resume and re-establishment	Samsung R&D Institute India	Mangesh Ingale	75300	LS out					10.4.1.7.6	Security framework for inactive	406000	available
1943	R2-1803641	Updated work plan for UE Positioning Accuracy Enhancements for LTE work item	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Information				9.8.1	Organisational	17100	available
1944	R2-1803642	SIBs for broadcasting of assistance data	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Decision				9.8 5	Broadcasting of assistance data	34540	noted
1945	R2-1803643	Inter-RAT OTDOA support in NR	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Decision				10.2.13	Positioning	33130	available
1946	R2-1803644	Definition of Paging Occasion	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision	=> Offline#43 (MediaTek)			10.4.5.6	Idle/inactive paging	18370	noted
1947	R2-1803645	Indication for On-Demand SI Broadcast	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Decision				10.4.1.6.6	On demand system information	18090	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 241

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1934	16-Feb-18	16-Feb-18															
1935	16-Feb-18	16-Feb-18															
1936	16-Feb-18	16-Feb-18															
1937	16-Feb-18	16-Feb-18															
1938	16-Feb-18	16-Feb-18			Rel-15												
1939	16-Feb-18	16-Feb-18	R2-1801106		Rel-15												
1940	16-Feb-18	16-Feb-18	R2-1801098		Rel-15			NR_newRAT-Core									
1941	16-Feb-18	16-Feb-18	R2-1801097		Rel-15												
1942	16-Feb-18	16-Feb-18												SA3			
1943	16-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core									
1944	16-Feb-18	16-Feb-18			Rel-15			LCS_LTE_acc_enh-Core									
1945	16-Feb-18	16-Feb-18	R2-1801224		Rel-15			NR_newRAT-Core									
1946	16-Feb-18	16-Feb-18	R2-1801096		Rel-15			NR_newRAT-Core									
1947	16-Feb-18	16-Feb-18	R2-1801226		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 242

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1948	R2-1803646	SI Request and Delivery using Msg 3 Approach	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Decision				10.4.1.6.6	On demand system information	36460	available
1949	R2-1803647	NR Paging Options	Huawei Technologies France	Mazin Al-Shalash	47174	discussion	Decision				10.4.5.6	Idle/inactive paging	36470	available
1950	R2-1803648	On-demand SI Delivery for RRC_IDLE/RRC_INACTIVE UEs	Nokia, Nokia Shanghai Bell	Manivannan Thyagarajan	68484	discussion	Decision				10.4.1.6.6	On demand system information	36480	available
1951	R2-1803649	SCell Activation for EN-DC	NTT DOCOMO, INC.	Toru Uchino	54995	CR	Agreement				10.3.1.13	Other	35910	not treated
1952	R2-1803650	Maximum number of CC in NR CA	NTT DOCOMO, INC.	Toru Uchino	54995	discussion	Decision	=> Offline#14 (NTT DOCOMO)			10.2.2.1	User plane	36500	noted
1953	R2-1803651	Draft LS on maximum number of CCs for NR CA	NTT DOCOMO, INC.	Toru Uchino	54995	LS out	Approval	Related to R2-1803650			10.2.2.1	User plane	388201	revised
1954	R2-1803652	Discussion on SCellDeactivationTimer	NTT DOCOMO, INC.	Toru Uchino	54995	discussion	Agreement				10.3.1.13	Other	36490	not treated
1955	R2-1803653	Field length of PHR MAC CE	NTT DOCOMO, INC.	Toru Uchino	54995	discussion	Agreement				10.3.1.12	PHR	21500	not treated
1956	R2-1803654	[DRAFT] LS on field length of Pcmax,c and PH	NTT DOCOMO, INC.	Toru Uchino	54995	LS out	Approval	Related to R2-1803653			10.3.1.12	PHR	19300	revised
1957	R2-1803655	Discussion on messagePowerOffsetGroupB	NTT DOCOMO, INC.	Toru Uchino	54995	discussion	Agreement				10.3.1.4.3	Random access procedures	19510	noted
1958	R2-1803656	Discussion on multi PHs	NTT DOCOMO, INC.	Toru Uchino	54995	discussion	Agreement				10.3.1.12	PHR	22090	noted
1959	R2-1803657	Mobility history reporting in NR	LG Electronics Inc	Sangwon Kim	44642	discussion					10.4.5.5	Selection/reselection - other aspects	36570	available
1960	R2-1803658	MSE enhancement in NR	LG electronics inc	Sangwon Kim	44642	discussion					10.4.5.5	Selection/reselection - other aspects	36580	available
1961	R2-1803659	Open issues on stored system information	LG electronics inc	Sangwon Kim	44642	discussion					10.4.1.6.3	Stored system information	36650	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 243

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1948	16-Feb-18	16-Feb-18	R2-1801227		Rel-15			NR_newRAT-Core									
1949	16-Feb-18	16-Feb-18			Rel-15												
1950	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1951	16-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	NR_newRAT-Core	1234		F						
1952	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1953	16-Feb-18	16-Feb-18		R2-1804032	Rel-15			NR_newRAT-Core						RAN1			
1954	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1955	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1956	16-Feb-18	16-Feb-18		R2-1803863	Rel-15			NR_newRAT-Core					R2-1801731/ R4-1801078	RAN4			
1957	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1958	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1959	16-Feb-18	16-Feb-18															
1960	16-Feb-18	16-Feb-18															
1961	16-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 244

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1962	R2-1803660	Reporting condition of IDLE measurements	LG electronics inc	Sangwon Kim	44642	discussion					9.9.2	Delay reduction for SCell set-up	20040	available
1963	R2-1803661	SI request in RRC_CONNECTED	LG electronics inc	Sangwon Kim	44642	discussion					10.4.1.6.6	On demand system information	36610	available
1964	R2-1803662	NR 0ms Interruption HO	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				4.1	Handover interruption time for LTE and NR	383301	available
1965	R2-1803663	Open issue on NR measured results in SCG Failure information	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.4.1.5.2	SCG failure for EN-DC	26490	noted
1966	R2-1803664	Considerations on GSMA NR indication requirements	Qualcomm Incorporated, KDDI	Keiichi Kubota	43471	discussion	Decision				10.4.2.3	Corrections to other EN-DC aspects	24140	available
1967	R2-1803665	NR SI area ID and value tag	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.4.1.6.3	Stored system information	400400	available
1968	R2-1803666	Open issues on NR on-demand SI	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.4.1.6.6	On demand system information	36660	available
1969	R2-1803667	Enhance RRC configuration procedure in NR	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.4.1.3.4	Connection reconfiguration procedures	36670	available
1970	R2-1803668	SRB3 usage	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.4.1.5.1	Corrections SCG change for EN-DC	36680	revised
1971	R2-1803669	Reordering timer for PDCP operation with duplication	Sequans Communications	Olivier Marco	63229	discussion	Decision				10.3.3.5	PDCP duplication	31710	not treated
1972	R2-1803670	RTT values for L2 buffer size calculation	MediaTek Inc.	Alex Hsu	41036	discussion	Decision	=> Offline#29 (Intel)			10.4.4.2	UE capabilities for EN DC	20540	noted
1973	R2-1803671	UL split with LTE link	Sequans Communications	Olivier Marco	63229	discussion	Decision				10.3.3.7	Other	36770	noted
1974	R2-1803672	BSR operation with CA packet duplication	Sequans Communications	Olivier Marco	63229	discussion	Decision				10.3.1.11	Impact of PDCP duplication on MAC	17640	noted
1975	R2-1803673	Duration of on-demand SI broadcast	Ericsson	Janne Peisa	33372	discussion					10.4.1.6.6	On demand system information	36730	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 245

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1962	16-Feb-18	16-Feb-18															
1963	16-Feb-18	16-Feb-18															
1964	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1965	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1966	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1967	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1968	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1969	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1970	16-Feb-18	16-Feb-18		R2-1803956	Rel-15			NR_newRAT-Core									
1971	16-Feb-18	16-Feb-18	R2-1801256					NR_newRAT-Core									
1972	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1973	16-Feb-18	16-Feb-18	R2-1713665		Rel-15			NR_newRAT-Core									
1974	16-Feb-18	16-Feb-18	R2-1801242		Rel-15			NR_newRAT-Core									
1975	16-Feb-18	16-Feb-18															

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 246

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1976	R2-1803674	Fast RLC status report	Sequans Communications	Olivier Marco	63229	discussion	Decision				10.3.2.4	Other	387000	noted
1977	R2-1803675	Signaling of random access parameters [M063]	Ericsson	Janne Peisa	33372	discussion					10.4.3.2	ASN.1 issue documents	36750	revised
1978	R2-1803676	Thermal mitigation provision for NR UE	MediaTek Inc.	Alex Hsu	41036	discussion					10.4.4.3	Temporary capability restriction	36760	available
1979	R2-1803677	L2 buffer congestion handling	Sequans Communications	Olivier Marco	63229	discussion	Decision				10.3.3.7	Other	36710	noted
1980	R2-1803678	L2/3 Capabilities	MediaTek Inc.	Alex Hsu	41036	discussion					10.4.4.2	UE capabilities for EN DC	27000	noted
1981	R2-1803679	DRX behaviour in eMTC/NB-IoT	NTT DOCOMO INC.	Ryusuke Matsukawa	64580	discussion		=> Offline#310 (NTT DOCOMO)			7.1	WI: Further LTE Physical Layer Enhancements for MTC	36790	noted
1982	R2-1803680	Clarification on PDCCH monitoring during DRX mode	NTT DOCOMO INC., Fujitsu, NEC	Ryusuke Matsukawa	64580	CR					7.1	WI: Further LTE Physical Layer Enhancements for MTC	36810	postponed
1983	R2-1803681	Clarification on PDCCH monitoring during DRX mode	NTT DOCOMO INC., Fujitsu, NEC	Ryusuke Matsukawa	64580	CR					7.1	WI: Further LTE Physical Layer Enhancements for MTC	36820	postponed
1984	R2-1803682	Clarification on PDCCH monitoring during DRX mode	NTT DOCOMO INC., Fujitsu, NEC	Ryusuke Matsukawa	64580	CR					7.1	WI: Further LTE Physical Layer Enhancements for MTC	380100	postponed
1985	R2-1803683	System information acquisition in RRC CONNECTED over BWP	Qualcomm Incorporated	Keiichi Kubota	43471	discussion	Decision				10.2.5	Bandwidth parts	20750	available
1986	R2-1803684	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.	Ryusuke Matsukawa	64580	CR		=> Offline#303 (NTT DOCOMO)			7.2	WI: Narrowband IOT	36851	revised
1987	R2-1803685	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.	Ryusuke Matsukawa	64580	CR	Agreement				7.2	WI: Narrowband IOT	37110	revised
1988	R2-1803686	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.	Ryusuke Matsukawa	64580	CR	Agreement				7.2	WI: Narrowband IOT	37170	revised
1989	R2-1803687	Transport Block size for NR VoIP	SHARP Corporation	Takako Sanda	71762	discussion	Decision				10.3.1.13	Other	36520	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 247

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1976	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1977	16-Feb-18	16-Feb-18		R2-1803995													
1978	16-Feb-18	16-Feb-18	R2-1800623		Rel-15			NR_newRAT-Core									
1979	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1980	16-Feb-18	16-Feb-18	R2-1801531		Rel-15			NR_newRAT-Core									
1981	16-Feb-18	16-Feb-18						LTE_MTCe2_L1-Core, NB_IOT-Core									
1982	16-Feb-18	16-Feb-18			Rel-13	36.321	13.7.0	LTE_MTCe2_L1-Core, NB_IOT-Core	1235		F						
1983	16-Feb-18	16-Feb-18			Rel-14	36.321	14.5.0	LTE_MTCe2_L1-Core, NB_IOT-Core	1236		A						
1984	16-Feb-18	16-Feb-18			Rel-15	36.321	15.0.0	LTE_MTCe2_L1-Core, NB_IOT-Core	1237		A						
1985	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1986	16-Feb-18	16-Feb-18		R2-1803784	Rel-13	36.331	13.8.1	NB_IOT-Core	3294		F						
1987	16-Feb-18	16-Feb-18		R2-1803785	Rel-14	36.331	14.5.1	NB_IOT-Core	3295		A						
1988	16-Feb-18	16-Feb-18		R2-1803786	Rel-15	36.331	15.0.1	NB_IOT-Core	3296		A						
1989	16-Feb-18	16-Feb-18	R2-1801504	R2-1803951	Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 248

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
1990	R2-1803688	UL SDAP header for Multiple QoS flows mapped to a DRB mapping	SHARP Corporation	Takako Sanda	71762	discussion	Decision				10.3.4.2	Header Format	35350	not treated
1991	R2-1803689	Indication of mapping rule stored and removed	SHARP Corporation	Takako Sanda	71762	discussion	Decision				10.3.4.4	Others	36890	not treated
1992	R2-1803690	Clarification of adding/releasing a QoS flow to/from a DRB	SHARP Corporation	Takako Sanda	71762	discussion	Decision				10.3.4.4	Others	36900	not treated
1993	R2-1803691	Addition of UE MAC address to WLAN measurement information	Qualcomm Incorporated, Comtech, AT&T, Cisco	Sven Fischer	20628	CR					8.25	LTE TEI14 enhancements	37500	postponed
1994	R2-1803692	DRAFT LS on dedicated PHY SR signal for Rel-15 NB-IoT	Ericsson	Emre A. Yavuz	46738	LS out					9.13.10	Other	29980	available
1995	R2-1803693	General aspects of SPS for NB-IoT	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.5	Semi-Persistent Scheduling	26180	available
1996	R2-1803694	Introducing SPS for NB-IoT SC-PtM	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.5	Semi-Persistent Scheduling	26170	available
1997	R2-1803695	NB-IoT PHY Scheduling Request	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.10	Other	26220	available
1998	R2-1803696	NPRACH reliability and range enhancement in NB-IoT	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.10	Other	30530	available
1999	R2-1803697	Recurrent periodic NB-IOT transmissions with very long transmission intervals	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.5	Semi-Persistent Scheduling	36980	noted
2000	R2-1803698	SPS and Multi-grant transmissions for NB-IoT	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.13.5	Semi-Persistent Scheduling	36930	noted
2001	R2-1803699	Assistance information for local cache	Ericsson	Emre A. Yavuz	46738	discussion	Decision				9.5	Further video enhancements for LTE	29900	noted
2002	R2-1803700	Introduction of relaxed monitoring for BL and CE UE	Ericsson	Martin Van Der Zee	58600	CR					9.13.4	Relaxed Monitoring for cell reselection	37000	revised
2003	R2-1803701	RRC reconfiguration of SPS-Config	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	35480	not treated
2004	R2-1803702	RRC reconfiguration of SPS-Config	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	36910	not treated
2005	R2-1803703	RRC reconfiguration of SPS-Config	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	37020	not treated
2006	R2-1803704	RRC reconfiguration of SPS-Config	Ericsson	Zhenhua Zou	73815	CR	Agreement				8.25	LTE TEI14 enhancements	37040	not treated
2007	R2-1803705	Overview of the CSI configuration framework	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37050	available
2008	R2-1803706	Pool of resources for CSI-MeasConfig	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37060	available
2009	R2-1803707	Aperiodic triggers for CSI reporting	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37070	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 249

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
1990	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1991	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1992	16-Feb-18	16-Feb-18			Rel-15			NR_newRAT-Core									
1993	16-Feb-18	16-Feb-18			Rel-14	36.355	14.4.0	TEI14	0194		F						
1994	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core						RAN WG1			
1995	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1996	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1997	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1998	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
1999	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
2000	16-Feb-18	16-Feb-18			Rel-15			NB_IOTenh2-Core									
2001	16-Feb-18	16-Feb-18			Rel-15			LTE_ViLTE_enh2-Core									
2002	16-Feb-18	16-Feb-18		R2-1803984	Rel-15	36.331	15.0.1	LTE_feMTC-Core, TEI14	3297		A						
2003	16-Feb-18	16-Feb-18	R2-1803538		Rel-14	36.321	14.5.0	TEI14	1231	1	C						
2004	16-Feb-18	16-Feb-18	R2-1803539		Rel-15	36.321	15.0.0	TEI14	1232	1	A						
2005	16-Feb-18	16-Feb-18	R2-1803540		Rel-14	36.331	14.5.1	TEI14	3286	1	C						
2006	16-Feb-18	16-Feb-18	R2-1803541		Rel-15	36.331	15.0.1	TEI14	3287	1	A						
2007	16-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
2008	16-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
2009	16-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 250

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2010	R2-1803708	Semi-persistent CSI reporting	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37080	available
2011	R2-1803709	Configuration of NZP-CSI-RS-Resource and ZP-CSI-RS-Resource	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37090	available
2012	R2-1803710	SS/PBCH resources for CSI reporting	Huawei, HiSilicon	David Lecompte	34967	discussion	Decision				10.4.3.2	ASN.1 issue documents	37100	reserved
2013	R2-1803711	Clarification on downlinkBitmapNonAnchor configuration	NTT DOCOMO INC.	Hiroaki Tanikawa	75435	CR	Agreement				7.2	WI: Narrowband IOT	378300	not pursued
2014	R2-1803712	Clarification on downlinkBitmapNonAnchor configuration	NTT DOCOMO INC.	Hiroaki Tanikawa	75435	CR	Agreement				7.2	WI: Narrowband IOT	383000	not pursued
2015	R2-1803713	Discussion on Enhancements to Measurement Report Mechanisms for UAV	NTT DOCOMO INC.	Tianyang Min	70644	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	26660	withdrawn
2016	R2-1803714	RRC state mismatch in NR	NTT DOCOMO, INC.	Wuri Hapsari	59995	discussion					10.2.14	Other	37140	available
2017	R2-1803715	Subscription based UAV Identification	NTT DOCOMO INC.	Tianyang Min	70644	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	23040	revised
2018	R2-1803716	UE capability retrieval framework in NR	NTT DOCOMO, INC.	Wuri Hapsari	59995	discussion		Resubmission of R2-1801355			10.4.4.4	Other aspects for non EN-DC	37160	available
2019	R2-1803717	Clarification on downlinkBitmapNonAnchor configuration	NTT DOCOMO INC.	Hiroaki Tanikawa	75435	CR	Agreement				7.2	WI: Narrowband IOT	383001	not pursued
2020	R2-1803718	_Text proposal for TrackingAreaCode	vivo	Boubacar Kimba	72224	discussion	Approval				10.4.3.2	ASN.1 issue documents	37180	available
2021	R2-1803719	Harmonization of the RRC connection management procedures	NTT DOCOMO, INC.	Wuri Hapsari	59995	discussion		Resubmission of R2-1801359			10.4.1.3.2	Connection control message harmonisation	37300	available
2022	R2-1803720	On Measurement Gap Timing Advance	NTT DOCOMO, INC.	Wuri Hapsari	59995	discussion					10.4.1.4.2	Measurement gaps for EN-DC	30430	noted
2023	R2-1803721	Open Issues for NR Cell Reselection	Qualcomm Incorporated	Ozcan Ozturk	42607	discussion					10.4.5.2	Selection/reselection rules	37210	available
2024	R2-1803722	[D313] Necessity of LTE CRS rate matching for Other SI	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	37220	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 251

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2010	16-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
2011	16-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core									
2012	16-Feb-18				Rel-15			NR_newRAT-Core									
2013	16-Feb-18	16-Feb-18			Rel-13	36.331	13.8.1	NB_IOT-Core	3298		F						
2014	16-Feb-18	16-Feb-18			Rel-14	36.331	14.5.1	NB_IOT-Core	3299		A						
2015	16-Feb-18	16-Feb-18		R2-1803743													
2016	16-Feb-18	16-Feb-18	R2-1801364		Rel-15			NR_newRAT-Core									
2017	16-Feb-18	16-Feb-18		R2-1803744													
2018	16-Feb-18	16-Feb-18	R2-1801355		Rel-15												
2019	16-Feb-18	16-Feb-18			Rel-15	36.331	15.0.1	NB_IOT-Core	3300		A						
2020	16-Feb-18	16-Feb-18			Rel-15												
2021	16-Feb-18	16-Feb-18	R2-1801359														
2022	16-Feb-18	16-Feb-18						NR_newRAT-Core									
2023	16-Feb-18	16-Feb-18															
2024	16-Feb-18	22-Feb-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 252

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2025	R2-1803723	Introduction of New Radio Access Technology in TS 36.300	NTT DOCOMO, INC., Rapporteur (Nokia)	Hideaki Takahashi	60906	CR	Endorsement	Updated CR endorsed at RAN2 #98 in R2-1705995. => Endorsed as a running CR.			10.2.1	Stage 2 TSs and running CR	37420	withdrawn
2026	R2-1803724	On enabling/disabling intra-frequency measurement on NR SCell frequency layer	NTT DOCOMO, INC.	Wuri Hapsari	59995	discussion		Related to LS in R2-1801734 => Offline#24 (NTT DOCOMO)			10.4.1.4.1	Corrections to RRM for EN-DC	33440	available
2027	R2-1803725	Removal of Type3 PH for single serving cell case	NTT DOCOMO INC.	Tianyang Min	70644	CR	Agreement				8.14	WI: SRS switching between LTE component carriers	37260	revised
2028	R2-1803726	Removal of Type3 PH for single serving cell case	NTT DOCOMO INC.	Tianyang Min	70644	CR	Agreement				8.14	WI: SRS switching between LTE component carriers	384200	revised
2029	R2-1803727	Handling of incoming LS on Attributes for QoE measurement collection	Ericsson	Cecilia Eklof	59618	discussion		=> Offline#234 (Ericsson)			9.20	Other LTE Rel-15 WIs	27310	available
2030	R2-1803728	[DRAFT] Reply LS on Attributes for QoE measurement collection	Ericsson	Cecilia Eklof	59618	LS out	Approval				9.20	Other LTE Rel-15 WIs	31850	revised
2031	R2-1803729	Possible enhancement for reset feedback in UDC	Ericsson	Ritesh Shreevastav	69655	discussion	Decision				9.16	UL data compression in LTE	37290	withdrawn
2032	R2-1803730	Harmonization of the RRC procedures	Nokia, Nokia Shanghai Bell	Jussi-pekka Koskinen	69951	discussion	Decision	=> Offline#44 (Nokia)			10.4.1.3.2	Connection control message harmonisation	18270	noted
2033	R2-1803731	RRC connection release and inactivation procedures	Nokia, Nokia Shanghai Bell	Jussi-pekka Koskinen	69951	discussion	Decision				10.4.1.3.5	Other	37310	available
2034	R2-1803732	Running 36.304 CR for Further NB-IoT enhancements	Nokia, Nokia Shanghai Bell	Jussi-pekka Koskinen	69951	CR	Agreement				9.13.1	Organisational	17410	available
2035	R2-1803733	Report from break-out session on Rel-14 and Rel-15 LTE	CMCC	Nan Hu	57329	report	Approval				12.1.1	Report from Break-Out session	37330	approved
2036	R2-1803734	Report from break-out session on Rel-13/14 NB-IoT, Rel-13/14 MTC, Rel-15 NB-IoT WIs	MediaTek	Johan Johansson	44956	report	Approval				12.1.2	Report from Break-Out session	37340	approved
2037	R2-1803735	Report from break-out session on Rel-14 LTE and NR UP	InterDigital, Inc.	Diana Pani	72069	report	Approval				12.1.3	Report from Break-Out session	37350	approved
2038	R2-1803736	Report from break-out session on Rel-15 MTC	Ericsson	Emre A. Yavuz	46738	report	Approval				12.1.4	Report from Break-Out session	37360	approved
2039	R2-1803737	Report from break-out session on Rel-15 V2X WI	Intel	Kyeongin Jeong	72747	report	Approval				12.1.5	Report from Break-Out session	37370	revised
2040	R2-1803738	Report from break-out session on Positioning	Huawei	Nathan Tenny	63312	report	Approval				12.1.6	Report from Break-Out session	37380	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 253

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2025	16-Feb-18		R2-1801388		Rel-15	36.300	15.0.0	NR_newRAT-Core	1112		B						
2026	16-Feb-18	17-Feb-18			Rel-15			NR_newRAT-Core									
2027	16-Feb-18	16-Feb-18		R2-1803936	Rel-14	36.321	14.5.0	LTE_SRS_switch-Core	1238		F						
2028	16-Feb-18	16-Feb-18		R2-1803937	Rel-15	36.321	15.0.0	LTE_SRS_switch-Core	1239		A						
2029	16-Feb-18	16-Feb-18	R2-1803183		Rel-15												
2030	16-Feb-18	16-Feb-18	R2-1803184	R2-1803963	Rel-15			QOED					R2-1801754	SA5	RAN3, SA4		
2031	16-Feb-18	16-Feb-18															
2032	16-Feb-18	16-Feb-18	R2-1801064		Rel-15			NR_newRAT-Core									
2033	16-Feb-18	16-Feb-18	R2-1801066		Rel-15			NR_newRAT-Core									
2034	16-Feb-18	16-Feb-18			Rel-15	36.304	14.5.0	NB_IOTenh2-Core	0409		B						
2035	17-Feb-18	02-Mar-18															
2036	17-Feb-18	02-Mar-18															
2037	17-Feb-18	02-Mar-18															
2038	17-Feb-18	02-Mar-18															
2039	17-Feb-18	01-Mar-18		R2-1804027													
2040	17-Feb-18	02-Mar-18		R2-1804081													

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 254

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2041	R2-1803739	New Generation Radio Access Network; User Equipment (UE) procedures in Idle mode	Qualcomm Incorporated	Ozcan Ozturk	42607	draft TS	Endorsement				10.4.5.1	TS	33710	endorsed
2042	R2-1803740	Reference Signals for MBSFN with 1.25kHz and 7.5khz sub-carrier spacing	Qualcomm Incorporated	Ozcan Ozturk	42607	CR	Agreement				8.10	WI: eMBMS enhancements for LTE	37400	agreed
2043	R2-1803741	Reference Signals for MBSFN with 1.25kHz and 7.5khz sub-carrier spacing	Qualcomm Incorporated	Ozcan Ozturk	42607	CR	Agreement				8.10	WI: eMBMS enhancements for LTE	37410	agreed
2044	R2-1803742	Introduction of New Radio Access Technology in TS 36.300	NTT DOCOMO, Inc., Rapporteur (Nokia)	Hideaki Takahashi	60906	CR	Agreement				10.2.1	Stage 2 TSs and running CR	27630	endorsed
2045	R2-1803743	Discussion on Enhancements to Measurement Report Mechanisms for UAV	NTT DOCOMO INC.	Tianyang Min	70644	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	27050	available
2046	R2-1803744	Subscription based UAV Identification	NTT DOCOMO INC.	Tianyang Min	70644	discussion					9.18	Enhanced LTE Support for Aerial Vehicles	23050	available
2047	R2-1803745	[D323/324] Contention-based RA resource for Beam Failure Recovery	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	37450	available
2048	R2-1803746	[D325] Sub-carrier spacing for serving cell/carrier and BWP	NTT DOCOMO, INC.	Hideaki Takahashi	60906	discussion	Decision				10.4.3.2	ASN.1 issue documents	37460	available
2049	R2-1803747	LS for measurement gap timing offset granularity (R4-1801331; source: NTT DOCOMO, INC.)	RAN4	Hiroki Harada	47533	LS in	Action				10.1	Organisational	17330	noted
2050	R2-1803748	Cell reselection upon incoming service request	Sequans Communications	Benny Assouline	46903	discussion					10.2.11	Slicing	29570	available
2051	R2-1803749	Avoiding bridges to nowhere	Qualcomm Incorporated	Aziz Gholmieh	24934	discussion	Decision	=> Offline#30 (Qualcomm)			10.4.4.2	UE capabilities for EN DC	29880	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 255

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2041	18-Feb-18	19-Feb-18	R2-1801674		Rel-15	38.304	0.1.2	NR_newRAT-Core									
2042	18-Feb-18	19-Feb-18	R2-1711617		Rel-14	36.300	14.5.0	MBMS_LTE_enh2-Core	1069	1	F						
2043	18-Feb-18	19-Feb-18			Rel-15	36.300	15.0.0	MBMS_LTE_enh2-Core	1113		A						
2044	18-Feb-18	23-Feb-18	R2-1705995		Rel-15	36.300	15.0.0	NR_newRAT-Core	0998	3	B						
2045	19-Feb-18	22-Feb-18	R2-1803713														
2046	19-Feb-18	22-Feb-18	R2-1803715														
2047	20-Feb-18	22-Feb-18			Rel-15			NR_newRAT-Core									
2048	20-Feb-18	22-Feb-18			Rel-15			NR_newRAT-Core									
2049	20-Feb-18	20-Feb-18			Rel-15			NR_newRAT-Core						RAN2		R4-1801331	
2050	20-Feb-18	20-Feb-18	R2-1802691														
2051	20-Feb-18	24-Feb-18	R2-1803628		Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 256

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2052	R2-1803750	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	27860	revised
2053	R2-1803751	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	34010	revised
2054	R2-1803752	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange	Nathan Tenny	63312	CR	Agreement				8.25	LTE TEI14 enhancements	34340	revised
2055	R2-1803753	Clarification on L1 parameters for beam failure recovery (RILNo F311)	Fujitsu	Yoshiaki Ohta	37498	discussion	Decision				10.4.3.2	ASN.1 issue documents	37530	available
2056	R2-1803754	Summary of email discussion #20 for 38.331 ASN.1 review part 2 (L1 parameters for CSI-RS)	Huawei	David Lecompte	34967	discussion		=> The list of questions will be used as a basis for discussion with RAN1			10.4.3.1	Rapporteur inputs	34790	noted
2057	R2-1803755	Summary of email discussion #22 for 38.331 ASN.1 review part 4 (RRM)	Huawei	David Lecompte	34967	discussion					10.4.3.1	Rapporteur inputs	37620	available
2058	R2-1803756	L2 differentiated handling of critical data	Ericsson	Emre A. Yavuz	46738	discussion					9.21.2	Other	37560	noted
2059	R2-1803757	L2 differentiated handling for critical data	Ericsson	Emre A. Yavuz	46738	CR	Agreement				9.21.2	Other	37570	available
2060	R2-1803758	L2 differentiated handling for critical data	Ericsson	Emre A. Yavuz	46738	CR	Agreement				9.21.2	Other	37580	available
2061	R2-1803759	L2 differentiated handling of critical data	Ericsson	Emre A. Yavuz	46738	CR	Agreement				9.21.2	Other	37590	available
2062	R2-1803760	Report of #13 RRC inactive (RAN area configuration) (Intel)	Intel Corporation	Yi Guo	74545	report		=> Offline#37 (Intel)			10.4.1.7.1	RAN area configuration	19530	available
2063	R2-1803761	Measurement gap configuration in NR	Huawei, HiSilicon	Nathan Tenny	63312	discussion	Decision				10.4.1.4.2	Measurement gaps for EN-DC	37200	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 257

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2052	20-Feb-18	20-Feb-18	R2-1802785	R2-1803845	Rel-14	36.306	14.5.0	TEI14	1555	1	B						
2053	20-Feb-18	20-Feb-18	R2-1802786	R2-1803846	Rel-14	36.331	14.5.1	TEI14	3244	1	B						
2054	20-Feb-18	20-Feb-18	R2-1802787	R2-1803847	Rel-15	36.331	15.0.1	TEI14	3245	1	A						
2055	21-Feb-18	21-Feb-18			Rel-15			NR_newRAT-Core									
2056	21-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core									
2057	21-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core									
2058	21-Feb-18	22-Feb-18			Rel-15			TEI15									
2059	21-Feb-18	22-Feb-18	R2-1713424		Rel-15	36.306	14.5.0	LTE_ViLTE_enh2-Core	1539	1	B						
2060	21-Feb-18	22-Feb-18	R2-1713423		Rel-15	36.323	14.5.0	LTE_ViLTE_enh2-Core	0213	1	B						
2061	21-Feb-18	22-Feb-18	R2-1713422		Rel-15	36.331	15.0.1	LTE_ViLTE_enh2-Core	3185	1	B						
2062	21-Feb-18	23-Feb-18	R2-1802932		Rel-15			NR_newRAT-Core									
2063	21-Feb-18	23-Feb-18	R2-1802791		Rel-15												

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 258

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2064	R2-1803762	Outcome of email discussion [NR-AH1801#21][NR] 38.331 ASN.1 review part 3 - L2 params (Huawei)	Huawei	Nathan Tenny	63312	discussion	Decision				10.4.3.1	Rapporteur inputs	35521	revised
2065	R2-1803763	Introducing MAC CEs for NR MIMO	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Agreement				10.3.1.3	MAC PDU format	19490	not treated
2066	R2-1803764	Text proposal on MAC CEs for NR MIMO	Huawei, HiSilicon	Xiao Xiao	62927	discussion	Approval				10.3.1.3	MAC PDU format	19950	not treated
2067	R2-1803765	Extension of DL RRC messages	Ericsson	Hakan Palm	18830	discussion					10.4.3.2	ASN.1 issue documents	389700	withdrawn
2068	R2-1803766	Extension of DL RRC messages	Ericsson	Hakan Palm	18830	discussion					10.4.3.2	ASN.1 issue documents	37650	noted
2069	R2-1803767	Priority Indication for prioritized random access	Vencore Labs, OEC	Achilles Kogiantis	64286	discussion	Decision	Propose to reflect the new agreements in SA1 on the use of Access Identity for prioritized RACH. Also, during RRC states where QoS information is available to the UE, propose the UE to make use of the priority override of the standardized 5QI mechanism i			10.3.1.4.1	Differentiation of RA parameters	37670	not treated
2070	R2-1803768	Clarification for initial BWP ID configuration for DCI indication (RIL Q319 Q320)	Qualcomm Incorporated	Peng Cheng	62902	discussion	Agreement				10.4.3.2	ASN.1 issue documents	30270	available
2071	R2-1803769	TP for [NR-AH1801#5][NR UP/MAC] Repetition aspects	Huawei, HiSilicon	Chong Lou	67583	discussion	Decision				10.3.1.8	SPS/Grant-free	18390	revised
2072	R2-1803770	Consideration on Bluetooth/WLAN measurement collection in MDT	CMCC	Na LI	60287	discussion					9.19	Bluetooth/WLAN measurement collection in MDT	32230	noted
2073	R2-1803771	NR-AH1801#19: Corrections on L1 Parameters (except CSI-RS) for EN-DC	Ericsson	Henning Wiemann	39956	draftCR	Endorsement				10.4.3.1	Rapporteur inputs	35330	revised
2074	R2-1803772	QoS Flow Remapping in NR	Ericsson	Henrik Enbuske	32991	discussion					10.3.4.3	QoS flow remapping and handover	37720	available
2075	R2-1803773	TP related to email discussion #23 for 38.331 ASN.1 review part 5	Ericsson	Riikka Susitaival	44957	discussion					10.4.3.1	Rapporteur inputs	37622	available
2076	R2-1803774	LS on UE WLAN MAC address inclusion in E911 location information (S1-180298; contact: Qualcomm)	SA1	Edward Hall	43958	LS in	Action				3	INCOMING LIAISONS	17670	noted
2077	R2-1803775	Reply LS on URLLC (S1-180628; contact: Vodafone)	SA1	Alice Li	62675	LS in	Information				3	INCOMING LIAISONS	17710	noted
2078	R2-1803776	Reply LS on selectively disabling legacy radio technologies (S1-180634; contact: Ericsson and Qualcomm)	SA1	Krister Sällberg	11978	LS in	Information				10.1	Organisational	37760	noted
2079	R2-1803777	[D312/322] RACH resources for contention-free RA including BFR	NTT DOCOMO, INC.			discussion	Decision				10.4.3.2	ASN.1 issue documents	36271	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 259

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2064	21-Feb-18	23-Feb-18	R2-1803479	R2-1803881	Rel-15												
2065	22-Feb-18		R2-1801948		Rel-15			NR_newRAT-Core									
2066	22-Feb-18		R2-1801949		Rel-15			NR_newRAT-Core									
2067	22-Feb-18	22-Feb-18		R2-1803766	Rel-15			NR_newRAT-Core									
2068	22-Feb-18	22-Feb-18	R2-1803765		Rel-15			NR_newRAT-Core									
2069	22-Feb-18	23-Feb-18	R2-1803040		Rel-15	36.331		NR_newRAT-Core									
2070	23-Feb-18	26-Feb-18	R2-1803022		Rel-15			NR_newRAT-Core									
2071	23-Feb-18	24-Feb-18	R2-1802213	R2-1803859	Rel-15	38.321		NR_newRAT-Core									
2072	23-Feb-18	23-Feb-18	R2-1803224		Rel-15			LTE_MDT_BT_WLAN-Core									
2073	23-Feb-18	23-Feb-18		R2-1804020	Rel-15	38.331	15.0.0	NR_newRAT-Core			F						
2074	23-Feb-18	24-Feb-18			Rel-15			NR_newRAT-Core									
2075	23-Feb-18	26-Feb-18															
2076	24-Feb-18	24-Feb-18												RAN2	SA2	S1-180298	
2077	24-Feb-18	24-Feb-18			Rel-15									SA, SA2	RAN, RAN1, RAN2	S1-180628	
2078	24-Feb-18	24-Feb-18			Rel-16			TEI16						CT1	SA3, SA2, RAN2, CT4	S1-180634	
2079	26-Feb-18	26-Feb-18	R2-1803627		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 260

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2080	R2-1803778	Report of Email Discussion [NR-AH1801#14][NR] RRC inactive procedures	Qualcomm Incorporated			report	-				10.4.1.7.2	RRC inactive procedures email discussion	35851	noted
2081	R2-1803779	Introduction of further enhancements to CoMP	Intel Corporation			CR	Agreement	=> Offline#255 (intel)			9.17	Further enhancements to CoMP for LTE	28981	revised
2082	R2-1803780	[DRAFT] Early contention resolution in NB-IoT	Qualcomm			LS out	Approval				7.2	WI: Narrowband IOT	26230	revised
2083	R2-1803781	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	33121	revised
2084	R2-1803782	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	36841	revised
2085	R2-1803783	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated			CR	Agreement				7.2	WI: Narrowband IOT	36850	reserved
2086	R2-1803784	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.			CR	Agreement				7.2	WI: Narrowband IOT	36860	not pursued
2087	R2-1803785	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.			CR	Agreement				7.2	WI: Narrowband IOT	37120	revised
2088	R2-1803786	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.			CR	Agreement				7.2	WI: Narrowband IOT	378000	revised
2089	R2-1803787	Missing description of RRC Connection Re-establishment for the Control plane	Huawei, HiSilicon			CR	Agreement				8.11	WI: Enhancements of NB-IoT	25701	agreed
2090	R2-1803788	Missing description of RRC Connection Re-establishment for the Control plane	Huawei, HiSilicon			CR	Agreement				8.11	WI: Enhancements of NB-IoT	25711	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 261

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2080	26-Feb-18	26-Feb-18	R2-1803585														
2081	26-Feb-18	26-Feb-18	R2-1802898	R2-1803996	Rel-15	36.331	15.0.1	feCOMP_LTE-Core	3251	1	B						
2082	26-Feb-18	26-Feb-18		R2-1803797	Rel-13			NB_IOT-Core						RAN1			
2083	26-Feb-18	02-Mar-18	R2-1803311	R2-1803808	Rel-14	36.300	14.5.0	NB_IOT-Core, TEI13	1070	2	A						
2084	26-Feb-18	02-Mar-18	R2-1803312	R2-1803809	Rel-15	36.300	15.0.0	NB_IOT-Core, TEI14	1102	1	A						
2085	26-Feb-18				Rel-13	36.300	13.10.0	NB_IOT-Core, TEI13	1114		F						
2086	26-Feb-18		R2-1803684		Rel-13	36.331	13.8.1	NB_IOT-Core	3294	1	F						
2087	26-Feb-18	02-Mar-18	R2-1803685	R2-1803815	Rel-14	36.331	14.5.1	NB_IOT-Core	3295	1	A						
2088	26-Feb-18	02-Mar-18	R2-1803686	R2-1803816	Rel-15	36.331	15.0.1	NB_IOT-Core	3296	1	A						
2089	26-Feb-18	02-Mar-18	R2-1802238		Rel-14	36.300	14.5.0	NB_IOTenh-Core	1091	1	F						
2090	26-Feb-18	02-Mar-18	R2-1802276		Rel-15	36.300	15.0.0	NB_IOTenh-Core	1094	1	A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 262

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2091	R2-1803789	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated			CR	Agreement				8.11	WI: Enhancements of NB-IoT	32760	agreed
2092	R2-1803790	Correct introduction of multiple HARQ processes for NB-IoT	Qualcomm Incorporated			CR	Agreement				8.11	WI: Enhancements of NB-IoT	32770	agreed
2093	R2-1803791	Correction on the SI-RNTI for MPDCCH	Intel Corporation			CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	20691	agreed
2094	R2-1803792	Correction on the SI-RNTI for MPDCCH	Intel Corporation			CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	20701	agreed
2095	R2-1803793	Correction on the SI-RNTI for MPDCCH	Intel Corporation			CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	21961	agreed
2096	R2-1803794	Support of CE mode B restriction for Rel-14 eMTC	Intel Corporation			CR	Agreement				8.12.2	Other	20671	revised
2097	R2-1803795	Reply LS on Data support for "voice centric" UE supporting CE mode B	RAN2			LS out	Approval				8.12.2	Other	20681	approved
2098	R2-1803796	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	379600	reserved
2099	R2-1803797	Early contention resolution in NB-IoT	RAN2			LS out	Approval				7.2	WI: Narrowband IOT	26231	approved
2100	R2-1803798	Reply LS to RAN1 on wake-up signal	RAN2			LS out	Approval				9.13.9	Wake Up Signal	22230	approved
2101	R2-1803799	Correction to RRCConnectionReestablishment message in 36.331	Huawei, HiSilicon			CR	Agreement				8.11	WI: Enhancements of NB-IoT	25721	agreed
2102	R2-1803800	Correction to RRCConnectionReestablishment message in 36.331	Huawei, HiSilicon			CR	Agreement				8.11	WI: Enhancements of NB-IoT	25731	agreed
2103	R2-1803801	Way forward on DRX timer counting in eMTC/NB-IoT	NTT DOCOMO, Inc.			discussion	discussion				7.1	WI: Further LTE Physical Layer Enhancements for MTC	36800	noted
2104	R2-1803802	[DRAFT] Reply LS to Reply LS on UE differentiation for Rel-15 NB-IoT	Huawei			other	discussion				9.13.7	UE differentiation	380200	revised
2105	R2-1803803	Correction to Radio Resource common configuration during CE->NC Handover for Rel-13 eMTC	Huawei, HiSilicon			CR	Agreement				7.1	WI: Further LTE Physical Layer Enhancements for MTC	33051	not pursued
2106	R2-1803804	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	380400	reserved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 263

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2091	26-Feb-18	01-Mar-18	R2-1803276		Rel-14	36.321	14.5.0	NB_IOTenh-Core	1217	1	F						
2092	26-Feb-18	01-Mar-18	R2-1803277		Rel-15	36.321	15.0.0	NB_IOTenh-Core	1218	1	A						
2093	26-Feb-18	02-Mar-18	R2-1803305		Rel-13	36.300	13.10.0	LTE_MTCe2_L1-Core	1099	1	F						
2094	26-Feb-18	02-Mar-18	R2-1803306		Rel-14	36.300	14.5.0	LTE_MTCe2_L1-Core	1100	1	A						
2095	26-Feb-18	02-Mar-18	R2-1803307		Rel-15	36.300	15.0.0	LTE_MTCe2_L1-Core	1101	1	A						
2096	26-Feb-18	02-Mar-18	R2-1803300	R2-1803817	Rel-14	36.304	14.5.0	LTE_feMTC-Core	0407	1	F						
2097	26-Feb-18	02-Mar-18	R2-1803304		Rel-14			LTE_feMTC-Core						SA2			
2098	26-Feb-18																
2099	26-Feb-18	26-Feb-18	R2-1803780		Rel-13			NB_IOT-Core						RAN1			
2100	26-Feb-18	26-Feb-18	R2-1802224		Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1712122	RAN1			
2101	26-Feb-18	28-Feb-18	R2-1802236		Rel-14	36.331	14.5.1	NB_IOTenh-Core	3223	1	F						
2102	26-Feb-18	28-Feb-18	R2-1802237		Rel-15	36.331	15.0.1	NB_IOTenh-Core	3224	1	A						
2103	26-Feb-18	02-Mar-18															
2104	26-Feb-18	02-Mar-18		R2-1803814	Rel-15			NB_IOTenh2-Core					R2-1801742	SA2	RAN2, CT1		
2105	26-Feb-18	02-Mar-18	R2-1802196		Rel-13	36.331	13.8.0	LTE_MTCe2_L1-Core	3218	1	F						
2106	26-Feb-18																

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 264

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2107	R2-1803805	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	380500	reserved
2108	R2-1803806	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated			CR	Agreement				7.2	WI: Narrowband IOT	19461	reserved
2109	R2-1803807	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated			CR	Agreement				7.2	WI: Narrowband IOT	19462	reserved
2110	R2-1803808	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	33122	reserved
2111	R2-1803809	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	36842	reserved
2112	R2-1803810	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated			CR	Agreement				7.2	WI: Narrowband IOT	400301	agreed
2113	R2-1803811	RRC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32861	reserved
2114	R2-1803812	MAC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32751	agreed
2115	R2-1803813	[DRAFT] LS on UE differentiation in NB-IoT	Ericsson			LS out	-				9.13.7	UE differentiation	26021	revised
2116	R2-1803814	[DRAFT] Reply LS to Reply LS on UE differentiation for Rel-15 NB-IoT	Huawei			other	discussion				9.13.7	UE differentiation	380201	revised
2117	R2-1803815	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.			CR	Agreement				7.2	WI: Narrowband IOT	37121	agreed
2118	R2-1803816	Clarification on the NPRACH starting subcarrier partitioning for multi-tone Msg3 transmission	NTT DOCOMO INC.			CR	Agreement				7.2	WI: Narrowband IOT	378001	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 265

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2107	26-Feb-18																
2108	26-Feb-18		R2-1803947		Rel-14	36.331		NB_IoTenh-Core, TEI14	3302	1	C						
2109	26-Feb-18		R2-1803948		Rel-15	36.331		NB_IoTenh-Core, TEI14	3303	1	A						
2110	26-Feb-18		R2-1803781		Rel-14	36.300	14.5.0	NB_IOT-Core, TEI13	1070	3	A						
2111	26-Feb-18		R2-1803782		Rel-15	36.300	15.0.0	NB_IOT-Core, TEI14	1102	2	A						
2112	26-Feb-18	02-Mar-18	R2-1803945		Rel-13	36.300		NB_IoT-Core, TEI13	1115	1	F						
2113	26-Feb-18		R2-1803998		Rel-13	36.331		NB_IoT-Core, TEI13	3304	1	F						
2114	26-Feb-18	02-Mar-18	R2-1803997		Rel-13	36.321		NB_IoT-Core, TEI13	1240	2	F						
2115	26-Feb-18	02-Mar-18	R2-1802584	R2-1803820	Rel-15			NB_IOTenh2-Core						RAN3	CT1, SA3		
2116	26-Feb-18	02-Mar-18	R2-1803802	R2-1803821	Rel-15			NB_IOTenh2-Core					R2-1801742	SA2	RAN2, CT1		
2117	26-Feb-18	02-Mar-18	R2-1803785		Rel-14	36.331	14.5.1	NB_IOT-Core	3295	2	F						
2118	26-Feb-18	02-Mar-18	R2-1803786		Rel-15	36.331	15.0.1	NB_IOT-Core	3296	2	A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 266

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2119	R2-1803817	Support of CE mode B restriction for Rel-14 eMTC	Intel Corporation			CR	Agreement				8.12.2	Other	20672	agreed
2120	R2-1803818	Correction to relaxed monitoring reference RSRP reset (Alternative 1)	Huawei, HiSilicon, Ericsson			CR	Agreement				9.13.4	Relaxed Monitoring for cell reselection	21763	agreed
2121	R2-1803819	[DRAFT] Reply LS on EDT procedures and AS NAS interaction	MediaTek, Inc.			LS out	Approval				9.14.1	Organisational	381900	revised
2122	R2-1803820	LS on UE differentiation in NB-IoT	RAN2			LS out	-				9.13.7	UE differentiation	26022	approved
2123	R2-1803821	Reply LS to Reply LS on UE differentiation for Rel-15 NB-IoT	RAN2			other	discussion				9.13.7	UE differentiation	380202	approved
2124	R2-1803822	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382200	reserved
2125	R2-1803823	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382300	reserved
2126	R2-1803824	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382400	reserved
2127	R2-1803825	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382500	reserved
2128	R2-1803826	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382600	reserved
2129	R2-1803827	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382700	reserved
2130	R2-1803828	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382800	reserved
2131	R2-1803829	nn	Johan's tdocs			other	discussion				14	ANY OTHER BUSINESS	382900	reserved
2132	R2-1803830	MAC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement	=> Offline#301 (MediaTek)			7.2	WI: Narrowband IOT	32740	revised
2133	R2-1803831	MAC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32850	agreed
2134	R2-1803832	MAC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32851	agreed
2135	R2-1803833	[DRAFT] LS to RAN on IMT-2020 requirement for 0ms handover interruption time in Rel-15	ZTE			LS out	Approval				4.1	Handover interruption time for LTE and NR	22690	revised
2136	R2-1803834	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel			CR	Approval	=> Offline#101 (Vencore Labs)			6	LTE: REL-12 AND EARLIER RELEASES	30351	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 267

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2119	26-Feb-18	02-Mar-18	R2-1803794		Rel-14	36.304	14.5.0	LTE_feMTC-Core	0407	2	F						
2120	26-Feb-18	02-Mar-18	R2-1804054		Rel-15	36.304	14.5.0	NB_IOTenh-Core, TEI14	0402	3	F						
2121	26-Feb-18	02-Mar-18		R2-1803885	Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1801703	CT1	RAN3, SA2		
2122	26-Feb-18	02-Mar-18	R2-1803813		Rel-15			NB_IOTenh2-Core						RAN3	CT1, SA3		
2123	26-Feb-18	02-Mar-18	R2-1803814		Rel-15			NB_IOTenh2-Core					R2-1801742	SA2	RAN2, CT1		
2124	26-Feb-18																
2125	26-Feb-18																
2126	26-Feb-18																
2127	26-Feb-18																
2128	26-Feb-18																
2129	26-Feb-18																
2130	26-Feb-18																
2131	26-Feb-18																
2132	26-Feb-18	26-Feb-18		R2-1803997	Rel-13	36.321		NB_IoT-Core, TEI13	1240		F						
2133	26-Feb-18	02-Mar-18			Rel-14	36.321		NB_IoT-Core, TEI13	1241		A						
2134	26-Feb-18	02-Mar-18			Rel-15	36.321		NB_IoT-Core, TEI13	1242		A						
2135	26-Feb-18	02-Mar-18		R2-1804091	Rel-15			NR_newRAT-Core						RAN			
2136	26-Feb-18	01-Mar-18	R2-1803035		Rel-14	36.331	14.5.1	TEI12	3262	1	A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 268

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2137	R2-1803835	[DRAFT] Reply LS on Measurement requirement for LAA/WiFi hardware sharing problem	Qualcomm Incorporated			LS out	Approval	=> Offline#102 (Qualcomm)			7.3	Other LTE Rel-13 WIs	22501	revised
2138	R2-1803836	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson			CR	Agreement				7.3	Other LTE Rel-13 WIs	23851	agreed
2139	R2-1803837	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation			CR	Agreement	=> Offline#104 (Intel)			7.3	Other LTE Rel-13 WIs	31791	agreed
2140	R2-1803838	Correction on SI-RNTI value for FeMBMS	Huawei, HiSilicon			CR	Agreement				8.10	WI: eMBMS enhancements for LTE	22401	agreed
2141	R2-1803839	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated			CR	Agreement	=> Offline#106 (Qualcomm)			7.3	Other LTE Rel-13 WIs	35081	revised
2142	R2-1803840	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated			CR	Agreement	=> Offline#106 (Qualcomm)			7.3	Other LTE Rel-13 WIs	35101	agreed
2143	R2-1803841	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Incorporated			CR	Agreement	=> Offline#106 (Qualcomm)			7.3	Other LTE Rel-13 WIs	36201	agreed
2144	R2-1803842	Correction on SRS carrier switching	Huawei, HiSilicon, Qualcomm Incorporated			CR	Agreement	=> Offline#108			8.14	WI: SRS switching between LTE component carriers	37250	agreed
2145	R2-1803843	Correction on SI-RNTI value for FeMBMS	Huawei, HiSilicon			CR	Agreement				8.10	WI: eMBMS enhancements for LTE	22411	agreed
2146	R2-1803844	Supported bandwidths in Fallback band combination	Ericsson			CR	Agreement	=> Offline#110 (Ericsson)			8.25	LTE TEI14 enhancements	23821	available
2147	R2-1803845	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange			CR	Agreement	=> Offline#111 (Huawei) => Technically Endorsed			8.25	LTE TEI14 enhancements	27870	endorsed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 269

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2137	26-Feb-18	02-Mar-18	R2-1803620	R2-1804065										RAN4			
2138	26-Feb-18	02-Mar-18	R2-1803495		Rel-13	36.300	13.10.0	LTE_LAA-Core	1105	1	B						
2139	26-Feb-18	01-Mar-18	R2-1802913		Rel-13	36.331	13.8.1	TEI13	3254	1	F						
2140	26-Feb-18	26-Feb-18	R2-1802240		Rel-14	36.321	14.5.0	MBMS_LTE_enh2-Core	1212	1	F						
2141	26-Feb-18	01-Mar-18	R2-1803445	R2-1804082	Rel-13	36.331	13.8.1	LTE_CA_enh_b5C-Core	3275	1	F						
2142	26-Feb-18	02-Mar-18	R2-1803446		Rel-14	36.331	14.5.1	LTE_CA_enh_b5C-Core	3276	1	A						
2143	26-Feb-18		R2-1803447		Rel-15	36.331	15.0.1	LTE_CA_enh_b5C-Core	3277	1	A						
2144	26-Feb-18	01-Mar-18			Rel-14	36.306		LTE_SRS_switch-Core	1566		F						
2145	26-Feb-18	26-Feb-18	R2-1802241		Rel-15	36.321	15.0.0	MBMS_LTE_enh2-Core	1213	1	A						
2146	26-Feb-18	02-Mar-18	R2-1803549		Rel-14	36.306	14.5.0	TEI14	1564	1	F						
2147	26-Feb-18	02-Mar-18	R2-1803750		Rel-14	36.306	14.5.0	TEI14	1555	2	B						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 270

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2148	R2-1803846	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange			CR	Agreement	=> Offline#111 (Huawei) => Technically Endorsed			8.25	LTE TEI14 enhancements	34011	endorsed
2149	R2-1803847	Introduction of LTE DL 1.4Gbps Category	Huawei, HiSilicon, Telefonica, British Telecom, T-Mobile US, Orange			CR	Agreement	=> Offline#111 (Huawei) => Technically Endorsed			8.25	LTE TEI14 enhancements	34341	endorsed
2150	R2-1803848	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel			CR	Agreement	=> Offline#113 (Nokia)			8.25	LTE TEI14 enhancements	34581	agreed
2151	R2-1803849	Correction to GERAN redirection without AS security	Nokia, Nokia Shanghai Bell, Ericsson, Intel			CR	Agreement	=> Offline#113 (Nokia)			8.25	LTE TEI14 enhancements	34601	agreed
2152	R2-1803850	Signalling for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank			CR	Agreement	=> Offline#114 (Nokia)			8.25	LTE TEI14 enhancements	35371	agreed
2153	R2-1803851	Capability for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank			CR	Discussion	=> Offline#114 (Nokia)			8.25	LTE TEI14 enhancements	35381	agreed
2154	R2-1803852	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation			CR	Agreement	=> Offline#104 (Intel)			7.3	Other LTE Rel-13 WIs	34451	agreed
2155	R2-1803853	Correction to handling of p-Max procedure for high-power UEs	Intel Corporation			CR	Agreement	=> Offline#104 (Intel)			7.3	Other LTE Rel-13 WIs	34461	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 271

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2148	26-Feb-18	02-Mar-18	R2-1803751		Rel-14	36.331	14.5.1	TEI14	3244	2	B						
2149	26-Feb-18	02-Mar-18	R2-1803752		Rel-15	36.331	15.0.1	TEI14	3245	2	A						
2150	26-Feb-18	02-Mar-18	R2-1803433		Rel-14	36.331	14.5.1	TEI14	3273	1	F						
2151	26-Feb-18	02-Mar-18	R2-1803434		Rel-15	36.331	15.0.1	TEI14	3274	1	A						
2152	26-Feb-18	02-Mar-18	R2-1803457		Rel-14	36.331	14.5.1	TEI14	3278	1	F						
2153	26-Feb-18	02-Mar-18	R2-1803458		Rel-14	36.306	14.5.0	TEI14	1561	1	F						
2154	26-Feb-18	01-Mar-18	R2-1802914		Rel-14	36.331	14.5.1	TEI13	3255	1	A						
2155	26-Feb-18	01-Mar-18	R2-1802915		Rel-15	36.331	15.0.1	TEI13	3256	1	A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 272

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2156	R2-1803854	General corrections on TS 38.321	Samsung (Rapporteur)			CR	Agreement	=> Offline#140 (Samsung)			10.3.1.1	TS	24332	reserved
2157	R2-1803855	Draft LS on Deltapreamblemsg3 and messagepoweroffsetgroupB	Ericsson			LS out	Approval	=> Offline#135 (Ericsson)			10.3.1.4.3	Random access procedures	19251	revised
2158	R2-1803856	LS to RAN1 on handling parallel RA procedure and SR procedure	RAN2			LS out	Approval				10.3.1.5	SR	26251	approved
2159	R2-1803857	configuredGrantTimer values	Ericsson			discussion	Decision				10.3.1.8	SPS/Grant-free	28080	noted
2160	R2-1803858	Small corrections to PDCP specification	LG Electronics Inc.			CR	Approval	> Offline#150 (LGE)			10.3.3.1	TS	28351	agreed
2161	R2-1803859	TP for [NR-AH1801#5][NR UP/MAC] Repetition aspects	Huawei, HiSilicon			discussion	Decision	=> Offline#143			10.3.1.8	SPS/Grant-free	18391	noted
2162	R2-1803860	LS on Deltapreamblemsg3 and messagepoweroffsetgroupB	RAN2			LS out	Approval				10.3.1.4.3	Random access procedures	19252	approved
2163	R2-1803861	Correction on Override of the highPriorityAccess Establishment Cause by the mo-VoiceCall value	Vencore Labs, OEC, AT&T, Intel			CR	Approval	=> Offline#101 (Vencore Labs)			6	LTE: REL-12 AND EARLIER RELEASES	30371	agreed
2164	R2-1803862	Draft TS 37.324 v120	Rapporteur (Huawei)			draft TS	Endorsement				10.3.4.1	TS	34891	endorsed
2165	R2-1803863	LS on field length of Pcmax,c and PH	RAN2			LS out	Approval				10.3.1.12	PHR	19301	approved
2166	R2-1803864	Introduction of PDCP duplication	LG Electronics Inc.			CR	Approval				10.3.3.1	TS	28341	endorsed
2167	R2-1803865	[DRAFT] LS response to RAN1 on NR MIMO MAC CE	Huawei			LS out	Approval				10.3.1.3	MAC PDU format	397100	revised
2168	R2-1803866	Finalising the design of SR and BSR triggering and cancellation mechanisms	Samsung Electronics R&D Institute UK			discussion	discussion				10.3.1.6	BSR	26240	noted
2169	R2-1803867	SR and BSR – TP A	Samsung Electronics R&D Institute UK			discussion	discussion				10.3.1.6	BSR	28090	noted
2170	R2-1803868	SR and BSR – TP B	Samsung Electronics R&D Institute UK			discussion	discussion				10.3.1.6	BSR	29520	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 273

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2156	28-Feb-18		R2-1802433		Rel-15	38.321	15.0.0	NR_newRAT-Core	0039	1	F						
2157	26-Feb-18	28-Feb-18	R2-1803200	R2-1803860	Rel-15			NR_newRAT-Core						RAN1			
2158	26-Feb-18	28-Feb-18	R2-1802589					NR_newRAT-Core						RAN1			
2159	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2160	26-Feb-18	01-Mar-18	R2-1802834		Rel-15	38.323	15.0.0	NR_newRAT-Core	0002	1	F						
2161	26-Feb-18	01-Mar-18	R2-1803769		Rel-15	38.321		NR_newRAT-Core									
2162	26-Feb-18	28-Feb-18	R2-1803855		Rel-15			NR_newRAT-Core						RAN1			
2163	26-Feb-18	01-Mar-18	R2-1803037		Rel-15	36.331	15.0.1	TEI12	3263	1	A						
2164	26-Feb-18		R2-1803489		Rel-15	37.324	1.2.0	NR_newRAT-Core									
2165	26-Feb-18	01-Mar-18	R2-1803654		Rel-15			NR_newRAT-Core					R2-1801731/ R4-1801078	RAN4			
2166	26-Feb-18	01-Mar-18	R2-1802835		Rel-15	38.323	15.0.0	NR_newRAT-Core	0003	1	B						
2167	26-Feb-18	01-Mar-18		R2-1803872	Rel-15			NR_newRAT-Core					R2-1803980	RAN1			
2168	26-Feb-18	01-Mar-18															
2169	26-Feb-18	01-Mar-18			Rel-15			NR_newRAT-Core									
2170	26-Feb-18	01-Mar-18			Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 274

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2171	R2-1803869	SR and BSR – TP C	Samsung Electronics R&D Institute UK			discussion	discussion	=> To Email			10.3.1.6	BSR	30630	available
2172	R2-1803870	Summary of POLL_SN related issue	LG Electronics Inc.			discussion	Decision				10.3.2.4	Other	30050	noted
2173	R2-1803871	Summary of BWP linking	Ericsson			discussion	discussion				10.3.1.2	MAC general aspects	18710	noted
2174	R2-1803872	LS response to RAN1 on NR MIMO MAC CE	RAN2			LS out	Approval				10.3.1.3	MAC PDU format	397101	approved
2175	R2-1803873	nn	Diana's tdocs			other	discussion				14	ANY OTHER BUSINESS	387300	reserved
2176	R2-1803874	[DRAFT] LS on Message 3 size and S-TMSI bit length for NR	NTT DOCOMO			LS out	Approval	=> Offline#05 (NTT DOCOMO)			10.4.1.8.1	Access control for Idle/Inactive	20300	revised
2177	R2-1803875	[DRAFT] Reply LS on CT1's chosen solution for unified access control	Intel Corporation			LS out	Approval				10.4.1.8.1	Access control for Idle/Inactive	20310	revised
2178	R2-1803876	[DRAFT] Reply LS on Extending TAC for NR and NG-RAN	vivo			LS out	Approval				10.1	Organisational	17190	noted
2179	R2-1803877	Miscellaneous Corrections & Additions	Rapporteur (Nokia)			CR	Approval	=> To Email			10.2.1	Stage 2 TSs and running CR	23930	reserved
2180	R2-1803878	Miscellaneous corrections	ZTE			CR	Approval				10.2.1	Stage 2 TSs and running CR	25001	agreed
2181	R2-1803879	[DRAFT] LS on PDCP Change Indication	ZTE			LS out	Approval				10.2.2.2	Other	23960	revised
2182	R2-1803880	[DRAFT] LS on NR RRC configuration response message	Huawei, HiSilicon			LS out	Approval				10.2.2.2	Other	401800	revised
2183	R2-1803881	Outcome of email discussion [NR-AH1801#21][NR] 38.331 ASN.1 review part 3 - L2 params (Huawei)	Huawei			discussion	Decision				10.4.3.1	Rapporteur inputs	37540	revised
2184	R2-1803882	[DRAFT] Reply LS to RAN1 on early data transmission	Huawei			LS out	Approval				9.14.2	Early data transmission	22200	revised
2185	R2-1803883	[DRAFT] Reply LS on HARQ-ACK feedback for efeMTC	Qualcomm			LS out	Approval				9.14.6	Uplink HARQ-ACK feedback	28400	revised
2186	R2-1803884	Reply LS to RAN1 on early data transmission	RAN2			LS out	Approval				9.14.2	Early data transmission	22201	approved
2187	R2-1803885	Reply LS on EDT procedures and AS NAS interaction	RAN2			LS out	Approval				9.14.1	Organisational	381901	approved
2188	R2-1803886	Reply LS on HARQ-ACK feedback for efeMTC	RAN2			LS out	Approval				9.14.6	Uplink HARQ-ACK feedback	28401	approved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 275

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2171	26-Feb-18	01-Mar-18			Rel-15			NR_newRAT-Core									
2172	26-Feb-18	01-Mar-18			Rel-15			NR_newRAT-Core									
2173	26-Feb-18	01-Mar-18			Rel-15			NR_newRAT-Core									
2174	26-Feb-18	02-Mar-18	R2-1803865		Rel-15			NR_newRAT-Core					R2-1803980	RAN1	RAN4		
2175	26-Feb-18																
2176	26-Feb-18	02-Mar-18		R2-1804073	Rel-15			NR_newRAT-Core						RAN1, SA2			
2177	26-Feb-18	27-Feb-18	R2-1802938	R2-1803939	Rel-15			NR_newRAT-Core, 5GS_Ph1-CT					R2-1801642	CT1	SA1		
2178	26-Feb-18	02-Mar-18			Rel-15			NR_newRAT-Core						RAN3	SA2, CT1, CT4		
2179	26-Feb-18		R2-1802500		Rel-15	38.300	15.0.0	NR_newRAT	0009	1	F						
2180	26-Feb-18	02-Mar-18	R2-1802392		Rel-15	37.340	15.0.0	NR_newRAT-Core	0004	1	F						
2181	26-Feb-18	02-Mar-18		R2-1804050	Rel-15			NR_newRAT-Core						RAN3			
2182	26-Feb-18	02-Mar-18	R2-1802531	R2-1804051	Rel-15			NR_newRAT-Core						RAN3			
2183	26-Feb-18	26-Feb-18	R2-1803762	R2-1803955	Rel-15												
2184	26-Feb-18	27-Feb-18		R2-1803884	Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-17141562	RAN1			
2185	26-Feb-18	02-Mar-18		R2-1803886	Rel-15			LTE_eMTC4-Core					R2-1801712	RAN1			
2186	26-Feb-18	27-Feb-18	R2-1803882		Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-17141562	RAN1			
2187	26-Feb-18	02-Mar-18	R2-1803819		Rel-15			NB_IOTenh2-Core, LTE_eMTC4-Core					R2-1801703	CT1	RAN3, SA2		
2188	26-Feb-18	02-Mar-18	R2-1803883		Rel-15			LTE_eMTC4-Core					R2-1801712	RAN1			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 276

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2189	R2-1803887	nn	Emre's tdocs			other	discussion				14	ANY OTHER BUSINESS	388700	reserved
2190	R2-1803888	nn	Emre's tdocs			other	discussion				14	ANY OTHER BUSINESS	388800	reserved
2191	R2-1803889	nn	Emre's tdocs			other	discussion				14	ANY OTHER BUSINESS	388900	reserved
2192	R2-1803890	nn	Emre's tdocs			other	discussion				14	ANY OTHER BUSINESS	389000	reserved
2193	R2-1803891	nn	Emre's tdocs			other	discussion				14	ANY OTHER BUSINESS	389100	reserved
2194	R2-1803892	Capture agreements on RS type for SCG failure report	CATT			discussion	-	=> The TP is agreed.			10.4.1.5.2	SCG failure for EN-DC	18291	noted
2195	R2-1803893	Clarification for cell reselection in the RRC_INACTIVE state	Samsung			CR	-	=> To be merged with the rapporteur CR			10.2.3	Stage 2 corrections for non EN-DC	21270	endorsed
2196	R2-1803894	Corrections on Some Description for 38.300	OPPO			draftCR	Approval				10.2.3	Stage 2 corrections for non EN-DC	22591	noted
2197	R2-1803895	[Id001][D720] Infinity value for PBR	NTT DOCOMO, INC.			discussion	discussion				10.4.3.2	ASN.1 issue documents	37660	available
2198	R2-1803896	[D710] RLC parameter	NTT DOCOMO, INC.			discussion	discussion				10.4.3.2	ASN.1 issue documents	23270	noted
2199	R2-1803897	[D700] PUCCH SRS release	NTT DOCOMO, INC.			discussion	discussion				10.4.3.2	ASN.1 issue documents	24120	noted
2200	R2-1803898	TP on 38.300 for RNA Configuration	Ericsson			discussion	Discussion	=> The TP is agreed.			10.2.3	Stage 2 corrections for non EN-DC	23551	noted
2201	R2-1803899	[DRAFT] LS On measurement gaps for Rel. 15 NR positioning	Ericsson			LS out	Approval				10.2.13	Positioning	29230	revised
2202	R2-1803900	TP stage-2 for baseline handover procedure	vivo			discussion	Decision				10.2.4	Mobility mechanisms - basic handover	24680	revised
2203	R2-1803901	CR on CBR measurement	OPPO, LG Electronics Inc.			CR	Agreement				8.13.1	Stage 2	18611	withdrawn
2204	R2-1803902	CR on CBR measurement	OPPO, LG Electronics Inc.			CR	Agreement				8.13.1	Stage 2	18631	withdrawn
2205	R2-1803903	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon			CR	Agreement				8.13.1	Stage 2	35791	revised
2206	R2-1803904	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon			CR	Agreement				8.13.1	Stage 2	35801	revised
2207	R2-1803905	Clarification to Sidelink Booking Processes	Ericsson			CR	Agreement				8.13.2	User plane	32930	agreed
2208	R2-1803906	Clarification to Sidelink Booking Processes	Ericsson			CR	Agreement				8.13.2	User plane	35161	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 277

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2189	26-Feb-18																
2190	26-Feb-18																
2191	26-Feb-18																
2192	26-Feb-18																
2193	26-Feb-18																
2194	26-Feb-18	26-Feb-18	R2-1801829														
2195	26-Feb-18	02-Mar-18	R2-1802127		Rel-15	38.300	15.0.0	NR_newRAT-Core	0008	1	F						
2196	26-Feb-18	02-Mar-18	R2-1802275		Rel-15	38.300	15.0.0	NR_newRAT-Core									
2197	26-Feb-18	26-Feb-18															
2198	26-Feb-18	27-Feb-18															
2199	26-Feb-18	26-Feb-18															
2200	26-Feb-18	02-Mar-18	R2-1802377		Rel-15			NR_newRAT-Core									
2201	26-Feb-18	02-Mar-18		R2-1804058	Rel-15			NR_newRAT-Core						RAN4			
2202	26-Feb-18	02-Mar-18		R2-1804047	Rel-15			NR_newRAT-Core									
2203	27-Feb-18		R2-1801861		Rel-14	36.300	14.5.0	LTE_V2X-Core	1087	1	F						
2204	27-Feb-18		R2-1801863		Rel-15	36.300	15.0.0	LTE_V2X-Core	1088	1	A						
2205	27-Feb-18	28-Feb-18	R2-1803579	R2-1803914	Rel-15	36.300	15.0.0	LTE_V2X-Core	1089	2	F						
2206	27-Feb-18	28-Feb-18	R2-1803580	R2-1803913	Rel-14	36.300	14.5.0	LTE_V2X-Core	1110	1	F						
2207	27-Feb-18	02-Mar-18	R2-1803516		Rel-14	36.321	14.5.0	LTE_V2X-Core	1229	1	F						
2208	27-Feb-18	02-Mar-18	R2-1803517		Rel-15	36.321	15.0.0	LTE_V2X-Core	1230	1	A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 278

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2209	R2-1803907	Clarifications on V2X resource selection in the absence of positioning information	Intel Corporation			CR	Agreement				8.13 3	Control plane	29091	agreed
2210	R2-1803908	Clarifications on V2X resource selection in the absence of positioning information	Intel Corporation			CR	Agreement				8.13.3	Control plane	29101	agreed
2211	R2-1803909	Correction on SI-offsetIndicator for the sidelink resource pool	Qualcomm Incorporated			CR	Agreement				8.13.3	Control plane	35181	agreed
2212	R2-1803910	Correction on SI-offsetIndicator for the sidelink resource pool	Qualcomm Incorporated			CR	Agreement				8.13 3	Control plane	35190	revised
2213	R2-1803911	[DRAFT] Reply LS on Reliability for eV2X	OPPO			LS out	Approval				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18521	revised
2214	R2-1803912	Summary of offline discussion on Tx carrier selection	LG Electronics Inc			discussion	discussion				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18540	noted
2215	R2-1803913	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon			CR	Agreement				8.13.1	Stage 2	35802	agreed
2216	R2-1803914	Miscellaneous correction to V2X in TS 36.300	Huawei, HiSilicon			CR	Agreement				8.13.1	Stage 2	35792	agreed
2217	R2-1803915	Correction on SI-offsetIndicator for the sidelink resource pool	Qualcomm Incorporated			CR	Agreement				8.13 3	Control plane	35191	agreed
2218	R2-1803916	Reply LS on Reliability for eV2X	RAN2			LS out	Information				9.10.2	Carrier aggregation (up to 8 PC5 carriers)	18522	approved
2219	R2-1803917	[DRAFT] LS on PC5 transmission mechanism selection	OPPO			LS out	Approval				9.10.4	Others	18500	available
2220	R2-1803918	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	391800	reserved
2221	R2-1803919	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	391900	reserved
2222	R2-1803920	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392000	reserved
2223	R2-1803921	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392100	reserved
2224	R2-1803922	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392200	reserved
2225	R2-1803923	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392300	reserved
2226	R2-1803924	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392400	reserved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 279

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2209	27-Feb-18	02-Mar-18	R2-1803294		Rel-14	36.331	14.5.1	LTE_V2X-Core	3271	1	F						
2210	27-Feb-18	02-Mar-18	R2-1803295		Rel-15	36.331	15.0.1	LTE_V2X-Core	3272	1	A						
2211	27-Feb-18	28-Feb-18	R2-1803615		Rel-14	36.331	14.5.1	LTE_V2X-Core	3292	1	F						
2212	27-Feb-18	28-Feb-18		R2-1803915	Rel-15	36.331		LTE_V2X-Core	3301		A						
2213	27-Feb-18	28-Feb-18	R2-1801847	R2-1803916	Rel-15			LTE_eV2X-Core						SA2	CT1		
2214	27-Feb-18	28-Feb-18			Rel-15			LTE_eV2X-Core									
2215	27-Feb-18	02-Mar-18	R2-1803904		Rel-14	36.300	14.5.0	LTE_V2X-Core	1110	2	F						
2216	27-Feb-18	02-Mar-18	R2-1803903		Rel-15	36.300	15.0.0	LTE_V2X-Core	1089	3	F						
2217	27-Feb-18	01-Mar-18	R2-1803910		Rel-15	36.331		LTE_V2X-Core	3301	1	A						
2218	27-Feb-18	02-Mar-18	R2-1803911		Rel-15			LTE_eV2X-Core						SA2	CT1		
2219	27-Feb-18	02-Mar-18		R2-1804040	Rel-15			LTE_eV2X-Core						SA2			
2220	27-Feb-18																
2221	27-Feb-18																
2222	27-Feb-18																
2223	27-Feb-18																
2224	27-Feb-18																
2225	27-Feb-18																
2226	27-Feb-18																

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 280

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2227	R2-1803925	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392500	reserved
2228	R2-1803926	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392600	reserved
2229	R2-1803927	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392700	reserved
2230	R2-1803928	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392800	reserved
2231	R2-1803929	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	392900	reserved
2232	R2-1803930	nn	Kyeongin's tdocs			other	discussion				14	ANY OTHER BUSINESS	393000	reserved
2233	R2-1803931	Reply LS to LS on RAN2 Assumption about DRB ID value range (S3-180848; contact: Nokia)	SA3			LS in	Action				10.1	Organisational	393100	noted
2234	R2-1803932	Email disc. on [NR-AH1801#10][NR] UE Capabilities (Intel)	Intel Corporation			report	-				10.4.4.2	UE capabilities for EN DC	22900	noted
2235	R2-1803933	related to email discussion #20 for 38.331 ASN.1 review part 2 (L1 parameters for CSI-RS	Huawei			discussion	discussion				10.4.3.1	Rapporteur inputs	393400	available
2236	R2-1803934	TP related to email discussion #22 for 38.331 ASN.1 review part 4 (RRM)	Huawei			discussion	discussion				10.4.3.1	Rapporteur inputs	396000	available
2237	R2-1803935	Combined HO with SCG change	Intel Corporation			discussion	-	=> The TP is agreed			10.4.1.3.1	Corrections to connection control for EN-DC	29821	noted
2238	R2-1803936	Removal of Type3 PH for single serving cell case	NTT DOCOMO INC.			CR	Agreement				8.14	WI: SRS switching between LTE component carriers	37261	available
2239	R2-1803937	Removal of Type3 PH for single serving cell case	NTT DOCOMO INC.			CR	Agreement				8.14	WI: SRS switching between LTE component carriers	384201	available
2240	R2-1803938	[DRAFT] Reply LS on intra-frequency measurement on NR Scell	NTT DOCOMO, INC.			LS out	Approval				10.4.1.4.1	Corrections to RRM for EN-DC	35570	revised
2241	R2-1803939	Reply LS on CT1's chosen solution for unified access control	RAN2			LS out	Approval				10.4.1.8.1	Access control for Idle/Inactive	20311	approved
2242	R2-1803940	LS on UE feature list (R4-1803288; contact: NTT DOCOMO)	RAN4			LS in	Action				10.4.4.1	TS	394000	noted
2243	R2-1803941	TP for Gap coordination assistance information	Nokia, Nokia Shanghai Bell			discussion	discussion				10.4.1.4.2	Measurement gaps for EN-DC	25230	noted
2244	R2-1803942	Updates of UE capabilities (38.306)	Intel Corporation			CR	-	=> Endorsed as a baseline. To be finalised in ASN.1 email discussion.			10.4.4.1	TS	29690	endorsed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 281

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2227	27-Feb-18																
2228	27-Feb-18																
2229	27-Feb-18																
2230	27-Feb-18																
2231	27-Feb-18																
2232	27-Feb-18																
2233	27-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core					R2-1801649	RAN2		S3-180848	
2234	27-Feb-18	27-Feb-18	R2-1802968		Rel-15			NR_newRAT-Core									
2235	27-Feb-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2236	27-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core									
2237	27-Feb-18	02-Mar-18	R2-1802982		Rel-15			NR_newRAT-Core									
2238	27-Feb-18	27-Feb-18	R2-1803725		Rel-14	36.321	14.5.0	LTE_SRS_switch-Core	1238	1	F						
2239	27-Feb-18	27-Feb-18	R2-1803726		Rel-15	36.321	15.0.0	LTE_SRS_switch-Core	1239	1	A						
2240	27-Feb-18	02-Mar-18		R2-1804097	Rel-15			NR_newRAT-Core						RAN4			
2241	27-Feb-18	27-Feb-18	R2-1803875		Rel-15			NR_newRAT-Core, 5GS_Ph1-CT					R2-1801642	CT1	SA1		
2242	27-Feb-18	27-Feb-18			Rel-15			NR_newRAT-Core						RAN1, RAN2	RAN3	R4-1803288	
2243	27-Feb-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2244	27-Feb-18	02-Mar-18	R2-1802970		Rel-15	38.306	15.0.0	NR_newRAT-Core	0003	1	F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 282

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2245	R2-1803943	Introduction of EN-DC capabilities	Intel Corporation			CR	-	=> To Email			10.4.4.1	TS	29731	available
2246	R2-1803944	CR to TS 36.304 on Cell Reselection Issues for High Speed Dedicated Network	OPPO, Intel, CMCC			draftCR	Decision				9.21.2	Other	22450	available
2247	R2-1803945	Clarification early contention resolution not supported in NB-IoT	Qualcomm Incorporated			CR	Agreement				7.2	WI: Narrowband IOT	400300	revised
2248	R2-1803946	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				8.11	WI: Enhancements of NB-IoT	403900	available
2249	R2-1803947	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	19460	revised
2250	R2-1803948	Introduction of early contention resolution in NB-IoT	Qualcomm Incorporated, BlackBerry UK Limited, Gemalto N.V			CR	Agreement				7.2	WI: Narrowband IOT	19461	revised
2251	R2-1803949	[DRAFT] Reply to LS Reply to 3GPP SA2 on Status Icon related to 5G	Vodafone			LS out	Approval				10.4.2.3	Corrections to other EN-DC aspects	398600	noted
2252	R2-1803950	LS on LTE peak data-rate calculation for EN-DC	RAN2			LS out	Approval				10.4.4.2	UE capabilities for EN DC	22841	approved
2253	R2-1803951	Transport Block size for NR VoIP	SHARP Corporation			discussion	Decision				10.3.1.13	Other	36521	available

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 283

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2245	27-Feb-18	02-Mar-18	R2-1802942		Rel-15	36.306	14.5.0	NR_newRAT-Core	1559	1	B						
2246	27-Feb-18	27-Feb-18	R2-1801775		Rel-14	36.304	14.5.0	TEI15									
2247	27-Feb-18	02-Mar-18		R2-1803810	Rel-13	36.300		NB_IoT-Core, TEI13	1115		F						
2248	27-Feb-18	02-Mar-18			Rel-14	36.306		NB_IoTenh-Core, TEI14	1567		C						
2249	27-Feb-18	02-Mar-18		R2-1803806	Rel-14	36.331		NB_IoTenh-Core, TEI14	3302		C						
2250	27-Feb-18	02-Mar-18		R2-1803807	Rel-15	36.331		NB_IoTenh-Core, TEI14	3303		A						
2251	27-Feb-18	02-Mar-18			Rel-15			TEI15						GSMA, SA2			
2252	27-Feb-18	27-Feb-18	R2-1802989		Rel-15			NR_newRAT-Core						RAN1	RAN4		
2253	27-Feb-18	01-Mar-18	R2-1803687		Rel-15			NR_newRAT-Core									

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 284

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2254	R2-1803952	CR for support of cell reselection for high speed dedicated network	Intel Corporation			CR	-				9.21.2	Other	24230	available
2255	R2-1803953	CR on distribution of scheduled IP throughput	Huawei, HiSilicon			CR	Agreement				9.21.2	Other	28680	revised
2256	R2-1803954	Report on #030: Way Forward after R2-1803749	Qualcomm			discussion	discussion				10.4.4.2	UE capabilities for EN DC	29890	revised
2257	R2-1803955	Outcome of email discussion [NR-AH1801#21][NR] 38.331 ASN.1 review part 3 - L2 params (Huawei)	Huawei			discussion	Decision				10.4.3.1	Rapporteur inputs	37541	revised
2258	R2-1803956	SRB3 usage	Qualcomm Incorporated			discussion	Decision	=> Offline#701 (Qualcomm)			10.4.1.5.1	Corrections SCG change for EN-DC	36681	available
2259	R2-1803957	Outcome of email discussion [NR-AH1801#24][NR] 38.331 ASN.1 review part 6 - Inter-node message (Nokia)	Nokia, Nokia Shanghai Bell			discussion	Decision				10.4.3.1	Rapporteur inputs	37710	revised
2260	R2-1803958	[DRAFT] Response LS on Maximum TBS for PDSCH containing RMSI/OSI/Paging	Huawei			LS out	Approval				10.4.1.6.1	System information content/structure	20501	revised
2261	R2-1803959	Updates of UE capabilities (38.331)	Intel Corporation			CR	-				10.4.4.1	TS	29701	revised
2262	R2-1803960	TP related to email discussion [NR-AH1801#24][NR] 38.331 ASN.1 review part 6 - Inter-node message	Nokia, Nokia Shanghai Bell			discussion	discussion				10.4.3.1	Rapporteur inputs	402100	revised
2263	R2-1803961	CSI-MeasConfig signalling structure	Ericsson			discussion	discussion				10.4.3.2	ASN.1 issue documents	396100	available
2264	R2-1803962	[DRAFT] Reply LS on adding new service type in QMC reporting	Ericsson			LS out	Approval				9.20	Other LTE Rel-15 WIs	37271	revised
2265	R2-1803963	[DRAFT] Reply LS on Attributes for QoE measurement collection	Ericsson			LS out	Approval				9.20	Other LTE Rel-15 WIs	31851	revised
2266	R2-1803964	RoHC support for Mission Critical services over MBMS	Nokia, Nokia Shanghai Bell			CR	Agreement				3	INCOMING LIAISONS	17380	agreed
2267	R2-1803965	[DRAFT] Reply LS on Frequency Band list	Huawei, HiSilicon			LS out	Approval				10.4.3.2	ASN.1 issue documents	396500	revised
2268	R2-1803966	LS on introducing of LTE UE DL CAT 21 for 1.4Gbps in Rel.14 (R1-1803373; contact: HiSilicon)	RAN1			LS in	Action				3	INCOMING LIAISONS	396600	noted

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 285

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2254	27-Feb-18	27-Feb-18	R2-1802896		Rel-15	36.331	15.0.1	TEI15	3250	1	B						
2255	27-Feb-18	28-Feb-18	R2-1802866	R2-1804022	Rel-15	36.314	14.0.0	TEI15	0050	1	F						
2256	27-Feb-18	02-Mar-18		R2-1804083	Rel-15			NR_newRAT-Core									
2257	27-Feb-18	27-Feb-18	R2-1803881	R2-1804016	Rel-15												
2258	27-Feb-18	02-Mar-18	R2-1803668		Rel-15			NR_newRAT-Core									
2259	27-Feb-18		R2-1802765	R2-1804043	Rel-15	38.331		NR_newRAT-Core									
2260	28-Feb-18	02-Mar-18	R2-1803357	R2-1804098	Rel-15			NR_newRAT-Core					R2-1803989	RAN1			
2261	28-Feb-18	28-Feb-18	R2-1802969	R2-1803992	Rel-15	38.331	15.0.0	NR_newRAT-Core	0005	1	F						
2262	28-Feb-18	01-Mar-18		R2-1804044	Rel-15			NR_NewRAT-Core									
2263	28-Feb-18	28-Feb-18			Rel-15			NR_newRAT-Core									
2264	28-Feb-18	02-Mar-18	R2-1803185	R2-1804085	Rel-15			TEI15					R2-1712159	SA4	RAN3, SA5		
2265	28-Feb-18	02-Mar-18	R2-1803728	R2-1804086	Rel-15			TEI15					R2-1801754	SA5	RAN3, SA4		
2266	28-Feb-18	01-Mar-18			Rel-15	36.300		TEI15, MBMS_Mcservices	1116		F						
2267	28-Feb-18	01-Mar-18		R2-1804075	Rel-15			NR_newRAT-Core						RAN1, RAN3, RAN4			
2268	28-Feb-18	28-Feb-18			Rel-14			TEI14						RAN2	RAN	R1-1803373	

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 286

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2269	R2-1803967	DRB integrity check failure handling	ZTE Corporation, Sanechips			discussion	Approval				10.2.10	Security (non EN-DC)	20770	available
2270	R2-1803968	Signalling for Inbound mobility for open CSG cells	Nokia, Nokia Shanghai Bell, Softbank			CR	Discussion				8.25	LTE TEI14 enhancements	35391	agreed
2271	R2-1803969	[DRAFT] LS on RAN2 agreements for euCA	Nokia			LS out	Approval	=> To Email			9.9 2	Delay reduction for SCell set-up	27520	available
2272	R2-1803970	Support of 1024QAM in TS 36.331	Huawei, HiSilicon			CR	Approval				9.11.3	Corresponding higher-layer procedures and signalling	22461	endorsed
2273	R2-1803971	Summary of offline on MAC CEs definition for NR MIMO	Nokia, Nokia Shanghai Bell			discussion	discussion				10.3.1.3	MAC PDU format	386500	noted
2274	R2-1803972	Proposal to progress feLAA	Nokia, Nokia Shanghai Bell			discussion	Decision				9.12.2	Autonomous uplink access on Frame structure type 3	397200	noted
2275	R2-1803973	[DRAFT] UE capability related to integrity protection of DRBs	Intel			LS out	Approval	=> Offline#35 (Intel)			10.2.10	Security (non EN-DC)	17990	revised
2276	R2-1803974	[DRAFT] LS on Transport Block size for NR VoIP	SHARP Corporation			LS out	Approval				10.3.1.13	Other	397400	revised
2277	R2-1803975	LS on Support User Plane Encryption in UP security policy (S3-180943; contact: Huawei)	SA3			LS in	Action				10.1	Organisational	394900	noted
2278	R2-1803976	[DRAFT] LS to RAN3 on details of RAN notification area	Intel			LS out	Approval				10.4.1.7.1	RAN area configuration	23640	revised
2279	R2-1803977	[DRAFT] Reply LS on periodic RNA update without anchor relocation	Huawei			LS out	Approval				10.4.1.7.3	RAN area update procedure	23100	revised
2280	R2-1803978	[DRAFT] Response LS on optionality of the UE procedures related to RRC Inactive	Samsung			LS out	Approval				10.4.1.7.7	Inactive - other	18020	revised
2281	R2-1803979	[DRAFT] LS to RAN1 on CP latency	Ericsson			LS out	Approval				9.21.1	CP latency for LTE	26260	revised
2282	R2-1803980	LS on MAC CEs for BM and CSI (R1-1803347; contact: Huawei)	RAN1			LS in	Action				10.1	Organisational	397500	noted
2283	R2-1803981	LS reply on beam failure recovery (R1-1803348; contact: CATT)	RAN1			LS in	Action				10.1	Organisational	397550	noted
2284	R2-1803982	Correction to relaxed monitoring reference RSRP reset (Alternative 1)	Huawei, HiSilicon, Ericsson			CR	Agreement				9.13.4	Relaxed Monitoring for cell reselection	21761	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 287

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2269	28-Feb-18	28-Feb-18	R2-1802397		Rel-15			NR_newRAT-Core									
2270	28-Feb-18	02-Mar-18	R2-1803460		Rel-15	36.331	15.0.1	TEI14	3279	1	A						
2271	28-Feb-18	02-Mar-18			Rel-15			LTE_euCA-Core						RAN1, RAN4	RAN3		
2272	28-Feb-18	28-Feb-18	R2-1802246		Rel-15	36.331	15.0.1	LTE_1024QAM_DL-Core	3227	1	B						
2273	28-Feb-18	28-Feb-18			Rel-15			NR_newRAT-Core									
2274	28-Feb-18	01-Mar-18			Rel-15			LTE_unlic-Core									
2275	28-Feb-18	02-Mar-18		R2-1804056	Rel-15			NR_newRAT-Core						CT1, SA3, RAN3			
2276	28-Feb-18	01-Mar-18		R2-1804025	Rel-15			NR_newRAT-Core						RAN1			
2277	28-Feb-18	01-Mar-18			Rel-15			5GS_Ph1-SEC						SA2, RAN2, RAN3		S3-180943	
2278	28-Feb-18	02-Mar-18		R2-1804099	Rel-15			NR_newRAT-Core						RAN3			
2279	28-Feb-18	02-Mar-18		R2-1804101	Rel-15			NR_newRAT-Core					R2-1800015	RAN3			
2280	28-Feb-18	02-Mar-18		R2-1804067	Rel-15			NR_newRAT-Core					R2-1800034	SA2	RAN3, CT1		
2281	01-Mar-18	01-Mar-18		R2-1803985	Rel-15			TEI15						RAN1			
2282	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core					R2-1801555	RAN2		R1-1803347	
2283	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core					R2-1801570	RAN2		R1-1803348	
2284	01-Mar-18	02-Mar-18	R2-1802171	R2-1804054	Rel-15	36.304	14.5.0	NB_IOTenh-Core, TEI14	0402	1	F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 288

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2285	R2-1803983	Introduction of relaxed monitoring for BL and CE UE	Ericsson			CR	-				9.13.4	Relaxed Monitoring for cell reselection	25641	available
2286	R2-1803984	Introduction of relaxed monitoring for BL and CE UE	Ericsson			CR	-				9.13.4	Relaxed Monitoring for cell reselection	37001	available
2287	R2-1803985	LS to RAN1 on CP latency	RAN2			LS out	Approval				9.21.1	CP latency for LTE	26530	approved
2288	R2-1803986	Running 36.304 CR for LTE connectivity to 5GCN	Huawei			draftCR	Endorsement	=> Endorsed as a running CR.			9.7.1	Organisational	25131	endorsed
2289	R2-1803987	LS on Measurement gap timing advance (R4-1803126; contact: NTT DOCOMO)	RAN4			LS in	Action				10.1	Organisational	398700	noted
2290	R2-1803988	Missing values for calculating the RA-RNTI (R1-1803372; contact: Ericsson)	RAN1			LS in	Action				10.1	Organisational	398800	noted
2291	R2-1803989	LS on Maximum TBS for PDSCH containing RMSI/OSI/Paging (R1-1803375; contact: CATT)	RAN1			LS in	Action				10.1	Organisational	398900	noted
2292	R2-1803990	Reply LS on Raster Configuration (R1-1803379; contact: Intel and MediaTek)	RAN1			LS in	Action				10.1	Organisational	399000	noted
2293	R2-1803991	[DRAFT] LS on Security aspects of supporting LTE connected to 5GC	Intel			LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	21100	revised
2294	R2-1803992	Updates of UE capabilities (38.331)	Intel Corporation			CR	-				10.4.4.1	TS	29702	revised
2295	R2-1803993	[DRAFT] LS to SA2 and CT1 on enabling and disabling NG RAN Capabilities	Lenovo			LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	29440	revised
2296	R2-1803994	Support of 1024QAM in TS 36.306	Huawei, HiSilicon			CR	Approval				9.11.2	UE capability and potential new categories	22471	endorsed
2297	R2-1803995	Signaling of random access parameters [M063]	Ericsson			discussion	-				10.4.3.2	ASN.1 issue documents	36751	available
2298	R2-1803996	Introduction of further enhancements to CoMP	Intel Corporation			CR	Agreement				9.17	Further enhancements to CoMP for LTE	28982	revised
2299	R2-1803997	MAC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32750	revised
2300	R2-1803998	RRC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32860	revised
2301	R2-1803999	RRC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	32861	reserved
2302	R2-1804000	RRC Corrections for RRC Resume	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	33110	reserved
2303	R2-1804001	Updating Power Headroom upon RAR Reception	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	383101	postponed
2304	R2-1804002	Updating Power Headroom upon RAR Reception	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	394500	postponed
2305	R2-1804003	Updating Power Headroom upon RAR Reception	MediaTek Inc.			CR	Agreement				7.2	WI: Narrowband IOT	394700	reserved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 289

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2285	01-Mar-18	02-Mar-18	R2-1802564		Rel-14	36.331	14.5.1	LTE_feMTC-Core, TEI14	3237	1	C						
2286	01-Mar-18	02-Mar-18	R2-1803700		Rel-15	36.331	15.0.1	LTE_feMTC-Core, TEI14	3297	1	A						
2287	01-Mar-18	01-Mar-18	R2-1803979		Rel-15			TEI15						RAN1			
2288	01-Mar-18	02-Mar-18	R2-1802513		Rel-15	36.304	14.5.0	LTE_5GCN_connect-Core			B						
2289	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core						RAN2		R4-1803126	
2290	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core						RAN2		R1-1803372	
2291	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core						RAN2		R1-1803375	
2292	01-Mar-18	01-Mar-18			Rel-15			NR_newRAT-Core					R2-1801664	RAN2	RAN4	R1-1803379	
2293	01-Mar-18	02-Mar-18		R2-1804092	Rel-15			LTE_5GCN_connect-Core						CT1	SA3		
2294	01-Mar-18	01-Mar-18	R2-1803959	R2-1804026	Rel-15	38.331	15.0.0	NR_newRAT-Core	0005	2	F						
2295	01-Mar-18	02-Mar-18		R2-1804094	Rel-15			LTE_5GCN_connect-Core						CT1, SA2			
2296	01-Mar-18	01-Mar-18	R2-1802247		Rel-15	36.306	14.5.0	LTE_1024QAM_DL-Core	1547	1	B						
2297	01-Mar-18	02-Mar-18	R2-1803675														
2298	01-Mar-18	02-Mar-18	R2-1803779	R2-1804061	Rel-15	36.331	15.0.1	feCOMP_LTE-Core	3251	2	B						
2299	01-Mar-18	02-Mar-18	R2-1803830	R2-1803812	Rel-13	36.321		NB_IoT-Core, TEI13	1240	1	F						
2300	01-Mar-18	02-Mar-18		R2-1803811	Rel-13	36.331		NB_IoT-Core, TEI13	3304		F						
2301	01-Mar-18				Rel-14	36.331		NB_IoT-Core, TEI13	3305		A						
2302	01-Mar-18				Rel-15	36.331		NB_IoT-Core, TEI13	3306		A						
2303	01-Mar-18	02-Mar-18	R2-1801945		Rel-13	36.321	13.7.0	NB_IOT-Core	1206	1	F						
2304	01-Mar-18		R2-1801946		Rel-14	36.321	14.5.0	NB_IOT-Core	1207	1	A						
2305	01-Mar-18				Rel-15	36.321		NB_IOT-Core	1243		A						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 290

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2306	R2-1804004	Offline discussion #32 (Scope of Area ID)	Samsung			discussion	Discussion				10.4.1.6.3	Stored system information	25400	noted
2307	R2-1804005	[DRAFT] LS regarding RAN support for NW slicing	Nokia			LS out	Approval				10.2.11	Slicing	18260	revised
2308	R2-1804006	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson			CR	Agreement				7.3	Other LTE Rel-13 WIs	23861	agreed
2309	R2-1804007	Measurement Requirements for LAA-WiFi Hardware Sharing Problem	Ericsson			CR	Agreement				7.3	Other LTE Rel-13 WIs	23871	agreed
2310	R2-1804008	[Offline Discussion] Reporting of NR cells in LTE Measurement Report	MediaTek Inc.			discussion	discussion				10.4.2.2	Corrections to RRM measurements for EN-DC	25200	noted
2311	R2-1804009	[DRAFT] LS on RAN2 agreements for LTE URLLC	Ericsson			LS out	Approval				9.15	Highly Reliable Low Latency Communication for LTE	400900	revised
2312	R2-1804010	Report of offline discussion #36 on DRB IP failure reporting	Intel Corporation (rapporteur)			report	discussion				10.2.10	Security (non EN-DC)	18250	noted
2313	R2-1804011	[DRAFT] LS on clarification of NSSAI information exchange during Inactive to connected mode transition	Ericsson			LS out	Approval				10.2.11	Slicing	25430	revised
2314	R2-1804012	LS on INOBEAR (S2-182355; contact: Samsung)	SA2			LS in	Action				3	INCOMING LIAISONS	401200	noted
2315	R2-1804013	Summary of offline discussion #22	vivo			discussion	discussion				10.2.4	Mobility mechanisms - basic handover	24070	noted
2316	R2-1804014	Report of Offline discussion #33	Intel			discussion	discussion	=> Send LS to SA3 to describr our WA and to ask relevant questions			10.4.1.7.6	Security framework for inactive	20520	noted
2317	R2-1804015	Drafted LS to reply RAN3 on required information for NSA on X2	Nokia			LS out	-				10.4.3.2	ASN.1 issue documents	31031	revised
2318	R2-1804016	Updated text proposal on discussion [NR-AH1801#21][NR] 38.331 ASN.1 review part 3 – L2 params (Huawei)	Huawei			discussion	Decision				10.4.3.1	Rapporteur inputs	37550	available
2319	R2-1804017	[DRAFT] LS to RAN1 on Beam- and Cell-Radio-Link-Monitoring	Nokia			LS out	Approval				10.4.3.2	ASN.1 issue documents	401700	revised
2320	R2-1804018	Offline discussion #11 Secondary RAT data volume counting	Huawei			discussion	discussion				10.2.2.2	Other	25310	noted
2321	R2-1804019	[DRAFT] Reply LS on the latency measurement	Huawei, HiSilicon			LS out	Approval				10.2.14	Other	29661	revised
2322	R2-1804020	Corrections on L1 Parameters (except CSI-RS) for EN-DC	Ericsson			draftCR	Endorsement				10.4.3.1	Rapporteur inputs	35500	available
2323	R2-1804021	Report of ASN.1 breakout session for Area 1	Ericsson			report	discussion				10.4.3.1	Rapporteur inputs	35510	noted
2324	R2-1804022	CR on distribution of scheduled IP throughput	Huawei, HiSilicon			CR	Agreement				9.21.2	Other	28681	agreed
2325	R2-1804023	]DRAFT] Response LS on adding PRB usage distribution and IP throughput distribution measurements	Huawei			LS out	Approval				9.21.2	Other	28691	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 291

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2306	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2307	01-Mar-18	02-Mar-18		R2-1804071	Rel-15			NR_newRAT-Core						SA2, RAN3			
2308	01-Mar-18	02-Mar-18	R2-1803496		Rel-14	36.300	14.5.0	LTE_LAA-Core	1106	1	A						
2309	01-Mar-18	02-Mar-18	R2-1803497		Rel-15	36.300	15.0.0	LTE_LAA-Core	1107	1	A						
2310	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2311	01-Mar-18	02-Mar-18		R2-1804084	Rel-15			LTE_HRLLC-Core						RAN1			
2312	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2313	01-Mar-18	02-Mar-18		R2-1804030	Rel-15			NR_newRAT-Core						CT1, SA2			
2314	01-Mar-18	01-Mar-18			Rel-15			INOBEAR						CT1, CT4, RAN2, RAN3		S2-182355	
2315	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2316	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2317	01-Mar-18	02-Mar-18	R2-1803058	R2-1804074										RAN3	RAN1, RAN4		
2318	01-Mar-18	02-Mar-18	R2-1803955		Rel-15												
2319	01-Mar-18	02-Mar-18		R2-1804066	Rel-15			NR_newRAT-Core						RAN1			
2320	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2321	01-Mar-18	02-Mar-18	R2-1802295	R2-1804096	Rel-15			NR_newRAT-Core						SA5			
2322	01-Mar-18	02-Mar-18	R2-1803771		Rel-15	38.331	15.0.0	NR_newRAT-Core			F						
2323	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2324	01-Mar-18	02-Mar-18	R2-1803953		Rel-15	36.314	14.0.0	TEI15	0050	2	F						
2325	01-Mar-18	02-Mar-18	R2-1802867	R2-1804087	Rel-15			TEI15					R2-1704027	SA5			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 292

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2326	R2-1804024	[DRAFT] Response LS on adding measurements on average number of total active UEs	Huawei			LS out	Approval				9.21.2	Other	28701	revised
2327	R2-1804025	[DRAFT] LS on Transport Block size for NR VoIP	SHARP Corporation			LS out	Approval				10.3.1.13	Other	397401	available
2328	R2-1804026	Updates of UE capabilities (38.331)	Intel Corporation			CR	-				10.4.4.1	TS	29703	revised
2329	R2-1804027	Report from break-out session on Rel-15 V2X WI	Intel			report	Approval				12.1.5	Report from Break-Out session	37371	approved
2330	R2-1804028	[RIL S034] RLM signalling for BWP	Samsung			discussion	Decision				10.4.3.2	ASN.1 issue documents	26201	available
2331	R2-1804029	LS on encrypting broadcasted positioning data and on provisioning of positioning assistance data via LPPa for broadcast (C4-182150; contact: Qualcomm)	CT4			LS in	Information				9.8.1	Organisational	26900	available
2332	R2-1804030	LS on clarification of NSSAI information exchange during Inactive to connected mode transition	RAN2			LS out	Approval				10.2.11	Slicing	25431	approved
2333	R2-1804031	Offline discussion #14 report on maximum number of CC in NR CA	NTT DOCOMO, INC.			discussion	discussion				10.2.2.1	User plane	388200	noted
2334	R2-1804032	[DRAFT] LS on maximum number of CCs for NR CA	NTT DOCOMO, INC.			LS out	Approval				10.2.2.1	User plane	403100	revised
2335	R2-1804033	[DRAFT] LS sending to SA2 and RAN3 on Certification/License and Identification of Aerial	NTT DOCOMO			LS out	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	403300	reserved
2336	R2-1804034	Summary of ASN.1 review session on part 7 (UE capability)	Intel			discussion	discussion				10.4.3.2	ASN.1 issue documents	403400	noted
2337	R2-1804035	[DRAFT] LS on UL timing difference in EN-DC	Qualcomm Inc.			LS out	Approval				10.4.3.2	ASN.1 issue documents	403500	revised
2338	R2-1804036	Offline discussion on Multiplicity definitions in 38331 (E359)	Ericsson			discussion	Decision				10.4.3.2	ASN.1 issue documents	403600	noted
2339	R2-1804037	[DRAFT] Reply LS on Certification/License and Identification of Aerial Vehicles	NTT DOCOMO			LS out	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	406000	revised
2340	R2-1804038	Small corrections on PhysicalConfigDedicated-NB	ZTE Corporation, Sanechips			CR	Agreement				8.11	WI: Enhancements of NB-IoT	29171	agreed

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 293

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2326	01-Mar-18	02-Mar-18	R2-1802868	R2-1804088	Rel-15			TEI15					R2-1704028	SA5			
2327	01-Mar-18	02-Mar-18	R2-1803974		Rel-15			NR_newRAT-Core						RAN1			
2328	01-Mar-18	02-Mar-18	R2-1803992	R2-1804072	Rel-15	38.331	15.0.0	NR_newRAT-Core	0005	3	F						
2329	01-Mar-18	02-Mar-18	R2-1803737														
2330	01-Mar-18	02-Mar-18	R2-1802485		Rel-15			NR_newRAT-Core									
2331	01-Mar-18	02-Mar-18			Rel-15			LCS_LTE_acc_enh-Core						SA2	RAN2, RAN3, CT1, SA3	C4-182150	
2332	01-Mar-18	02-Mar-18	R2-1804011		Rel-15			NR_newRAT-Core						CT1, SA2			
2333	01-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2334	01-Mar-18	02-Mar-18	R2-1803651	R2-1804052	Rel-15			NR_newRAT-Core						RAN1			
2335	01-Mar-18				Rel-15			LTE_Aerial-Core						SA2, RAN3			
2336	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2337	02-Mar-18	02-Mar-18		R2-1804102	Rel-15			NR_newRAT-Core						RAN4	RAN1		
2338	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2339	02-Mar-18	02-Mar-18		R2-1804089	Rel-15			LTE_Aerial						SA2, RAN3	CT4		
2340	02-Mar-18	02-Mar-18	R2-1802917		Rel-14	36.331	14.5.1	NB_IOTenh-Core	3257	1	F						

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 294

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2341	R2-1804039	Small corrections on PhysicalConfigDedicated-NB	ZTE Corporation, Sanechips			CR	Agreement				8.11	WI: Enhancements of NB-IoT	32200	agreed
2342	R2-1804040	[DRAFT] LS on PC5 transmission mechanism selection	OPPO			LS out	Approval				9.10.4	Others	18501	revised
2343	R2-1804041	[DRAFT] LS on SN triggered fullConfig indication in X2 for EN-DC	Nokia, Nokia Shanghai Bell			LS out	Approval				10.4.3.1	Rapporteur inputs	405200	available
2344	R2-1804042	[DRAFT] LS on SN triggered fullConfig indication in X2 for EN-DC	Nokia			LS out	Approval				10.4.3.1	Rapporteur inputs	405600	revised
2345	R2-1804043	Outcome of email discussion [NR-AH1801#24][NR] 38.331 ASN.1 review part 6 - Inter-node message (Nokia)	Nokia, Nokia Shanghai Bell			discussion	Decision				10.4.3.1	Rapporteur inputs	37711	noted
2346	R2-1804044	TP related to email discussion [NR-AH1801#24][NR] 38.331 ASN.1 review part 6 - Inter-node message	Nokia, Nokia Shanghai Bell			discussion	discussion				10.4.3.1	Rapporteur inputs	402101	available
2347	R2-1804045	Report of Offline Discussion #15	LGE			report	Discussion				10.2.5	Bandwidth parts	404100	noted
2348	R2-1804046	[DRAFT] LS to RAN1 on SI reception in BWP	LGE			LS out	Approval	=> To Email			10.2.5	Bandwidth parts	404600	available
2349	R2-1804047	TP stage-2 for baseline handover procedure	vivo			discussion	Decision	=> To be updated based on the latest version of the spec. => To be added to the Rapporteur CR			10.2.4	Mobility mechanisms - basic handover	24681	noted
2350	R2-1804048	LS on RAR (R1-1803475; contact: Ericsson)	RAN1			LS in	Action				10.1	Organisational	404800	noted
2351	R2-1804049	Clarification on SN RRC response message	ZTE			draftCR	Endorsement	=> The TP is agreed			10.2.2.2	Other	404900	endorsed
2352	R2-1804050	LS on PDCP Change Indication	RAN2			LS out	Approval				10.2.2.2	Other	23961	approved
2353	R2-1804051	LS on NR RRC configuration response message	RAN2			LS out	Approval				10.2.2.2	Other	401801	approved
2354	R2-1804052	LS on maximum number of CCs for NR CA	RAN2			LS out	Approval				10.2.2.1	User plane	403101	approved
2355	R2-1804053	[DRAFT] LS On SFTD measurements	Ericsson			LS out	Approval	=> To Email			10.4.3.2	ASN.1 issue documents	405300	available
2356	R2-1804054	Correction to relaxed monitoring reference RSRP reset (Alternative 1)	Huawei, HiSilicon, Ericsson			CR	Agreement				9.13.4	Relaxed Monitoring for cell reselection	21762	revised
2357	R2-1804055	Notes from session for disc #23 for 38.331 ASN.1 review part 5	Ericsson			discussion	Decision				10.4.3.1	Rapporteur inputs	405500	noted
2358	R2-1804056	UE capability related to integrity protection of DRBs	RAN2			LS out	Approval				10.2.10	Security (non EN-DC)	17991	approved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 295

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2341	02-Mar-18	02-Mar-18			Rel-15	36.331		NB_IOTenh-Core	3307		A						
2342	02-Mar-18	02-Mar-18	R2-1803917	R2-1804090	Rel-15			LTE_eV2X-Core						SA2			
2343	02-Mar-18	02-Mar-18			Rel-15			NR_NewRAT-Core						RAN3			
2344	02-Mar-18	02-Mar-18		R2-1804100	Rel-15			NR_newRAT-Core						RAN3			
2345	02-Mar-18	02-Mar-18	R2-1803957		Rel-15	38.331		NR_newRAT-Core									
2346	02-Mar-18	02-Mar-18	R2-1803960		Rel-15			NR_NewRAT-Core									
2347	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2348	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core						RAN1	RAN4		
2349	02-Mar-18	02-Mar-18	R2-1803900		Rel-15			NR_newRAT-Core									
2350	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core								R1-1803475	
2351	02-Mar-18	02-Mar-18			Rel-15	37.340		NR_newRAT-Core									
2352	02-Mar-18	02-Mar-18	R2-1803879		Rel-15			NR_newRAT-Core						RAN3			
2353	02-Mar-18	02-Mar-18	R2-1803880		Rel-15			NR_newRAT-Core						RAN3			
2354	02-Mar-18	02-Mar-18	R2-1804032		Rel-15			NR_newRAT-Core						RAN1			
2355	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core						RAN			
2356	02-Mar-18	02-Mar-18	R2-1803982	R2-1803818	Rel-15	36.304	14.5.0	NB_IOTenh-Core, TEI14	0402	2	F						
2357	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2358	02-Mar-18	02-Mar-18	R2-1803973		Rel-15			NR_newRAT-Core						CT1, SA3, RAN3			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 296

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2359	R2-1804057	Definitions for PSCell/Pcell/SpCell (38331 RIL F008)	Ericsson			discussion	Decision	=> The TP is agreed.			10.4.3.2	ASN.1 issue documents	35311	noted
2360	R2-1804058	LS On measurement gaps for Rel. 15 NR positioning	RAN2			LS out	Approval				10.2.13	Positioning	29231	approved
2361	R2-1804059	[DRAFT] LS on RAN2 agreements on RRM	Huawei			LS out	Approval	=> To Email			10.4.3.1	Rapporteur inputs	405900	revised
2362	R2-1804060	[DRAFT] LS on security for inactive state	Huawei			LS out	Approval	=> To Email			10.4.1.7.6	Security framework for inactive	20960	available
2363	R2-1804061	Introduction of further enhancements to CoMP	Intel Corporation			CR	Agreement	=> Endorsed as a running CR.			9.17	Further enhancements to CoMP for LTE	28983	endorsed
2364	R2-1804062	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint			CR	Agreement				7.3	Other LTE Rel-13 WIs	31771	agreed
2365	R2-1804063	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint			CR	Agreement				7.3	Other LTE Rel-13 WIs	34951	agreed
2366	R2-1804064	Different power class support for band combinations	Nokia, Nokia Shanghai Bell, Sprint			CR	Agreement				7.3	Other LTE Rel-13 WIs	34961	agreed
2367	R2-1804065	[DRAFT] Reply LS on Measurement requirement for LAA/WiFi hardware sharing problem	Qualcomm Incorporated			LS out	Approval				7.3	Other LTE Rel-13 WIs	22502	available
2368	R2-1804066	LS to RAN1 on Beam- and Cell- Radio-Link-Monitoring	RAN2			LS out	Approval				10.4.3.2	ASN.1 issue documents	401701	approved
2369	R2-1804067	[DRAFT] Response LS on optionality of the UE procedures related to RRC Inactive	Samsung			LS out	Approval				10.4.1.7.7	Inactive - other	18021	available
2370	R2-1804068	Notes from session for disc #18 for 36.331 ASN.1 review (part 8)	Samsung			discussion	discussion				10.4.3.2	ASN.1 issue documents	406800	available
2371	R2-1804069	Remaining issues in Resume and Reestablishment in EN-DC (TP to 36.331)	Ericsson Inc., Intel			discussion	Discussion	=> The TP is agreed.			10.4.2.3	Corrections to other EN-DC aspects	36641	noted
2372	R2-1804070	TP for SFTD measurements for 36.331 for non-serving cells (E407)	Ericsson			discussion	Discussion	=> TP is agreed.			10.4.3.2	ASN.1 issue documents	33251	noted
2373	R2-1804071	[DRAFT] LS regarding RAN support for NW slicing	Nokia			LS out	Approval				10.2.11	Slicing	18261	revised

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 297

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2359	02-Mar-18	02-Mar-18	R2-1803531		Rel-15			NR_newRAT-Core									
2360	02-Mar-18	02-Mar-18	R2-1803899		Rel-15			NR_newRAT-Core						RAN4			
2361	02-Mar-18	02-Mar-18		R2-1804103	Rel-15			NR_newRAT-Core						RAN1, RAN4			
2362	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core						SA3			
2363	02-Mar-18	02-Mar-18	R2-1803996		Rel-15	36.331	15.0.1	feCOMP_LTE-Core	3251	3	B						
2364	02-Mar-18	02-Mar-18	R2-1803177		Rel-13	36.331	13.8.1	TEI13	3265	1	C						
2365	02-Mar-18	02-Mar-18	R2-1803178		Rel-14	36.331	14.5.1	TEI13	3266	1	A						
2366	02-Mar-18	02-Mar-18	R2-1803179		Rel-15	36.331	15.0.1	TEI13	3267	1	A						
2367	02-Mar-18	02-Mar-18	R2-1803835											RAN4			
2368	02-Mar-18	02-Mar-18	R2-1804017		Rel-15			NR_newRAT-Core						RAN1			
2369	02-Mar-18	02-Mar-18	R2-1803978		Rel-15			NR_newRAT-Core					R2-1800034	SA2	RAN3, CT1		
2370	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core									
2371	02-Mar-18	02-Mar-18	R2-1803494		Rel-15			NR_newRAT-Core									
2372	02-Mar-18	02-Mar-18	R2-1803325		Rel-15			NR_newRAT-Core									
2373	02-Mar-18	02-Mar-18	R2-1804005	R2-1804095	Rel-15			NR_newRAT-Core						SA2, RAN3			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 298

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2374	R2-1804072	Updates of UE capabilities (38.331)	Intel Corporation			CR	-	=> Endorsed as a baseline. To be finalised in ASN.1 email discussion.			10.4.4.1	TS	29704	endorsed
2375	R2-1804073	LS on Message 3 size and S-TMSI bit length for NR	RAN2			LS out	Approval				10.4.1.8.1	Access control for Idle/Inactive	20301	approved
2376	R2-1804074	LS to reply RAN3 on required information for NSA on X2	RAN2			LS out	-				10.4.3.2	ASN.1 issue documents	31032	approved
2377	R2-1804075	Reply LS on Frequency Band list	RAN2			LS out	Approval				10.4.3.2	ASN.1 issue documents	396501	approved
2378	R2-1804076	Reply LS on clarification in MAC (R4-1802690; contact: Huawei)	RAN4			LS in	Action				10.1	Organisational	407600	available
2379	R2-1804077	LS reply on UE RF related parameters, capabilities and features for NR standalone (R4-1802708; contact: NTT DOCOMO)	RAN4			LS in	Action				10.1	Organisational	407700	available
2380	R2-1804078	LS reply on UE baseband processing capability (R4-1803122; contact: Intel)	RAN4			LS in	Action				10.1	Organisational	407800	available
2381	R2-1804079	LS reply on In-Device Coexistence solution for EN-DC (R4-1803254; contact: NTT DOCOMO)	RAN4			LS in	Action				10.1	Organisational	407900	available
2382	R2-1804080	Reply LS on NR Idle Mode Measurements (R4-1803276; contact: CMCC)	RAN4			LS in	Action				10.1	Organisational	408000	available
2383	R2-1804081	Report from break-out session on Positioning	Huawei			report	Approval				12.1.6	Report from Break-Out session	37381	approved
2384	R2-1804082	Correction to pucch-ConfigDedicated for fallback configuration	Qualcomm Inc., Huawei, HiSilicon, Ericsson			CR	Agreement				7.3	Other LTE Rel-13 WIs	35082	agreed
2385	R2-1804083	Report on #030: Way Forward after R2-1803749	Qualcomm			discussion	discussion	=> To Email			10.4.4.2	UE capabilities for EN DC	29891	noted
2386	R2-1804084	LS on RAN2 agreements for LTE URLLC	RAN2			LS out	Approval				9.15	Highly Reliable Low Latency Communication for LTE	400901	approved
2387	R2-1804085	Reply LS on adding new service type in QMC reporting	RAN2			LS out	Approval				9.20	Other LTE Rel-15 WIs	37272	approved
2388	R2-1804086	Reply LS on Attributes for QoE measurement collection	RAN2			LS out	Approval				9.20	Other LTE Rel-15 WIs	31852	approved
2389	R2-1804087	Response LS on adding PRB usage distribution and IP throughput distribution measurements	RAN2			LS out	Approval				9.21.2	Other	28692	approved
2390	R2-1804088	Response LS on adding measurements on average number of total active Ues	RAN2			LS out	Approval				9.21.2	Other	28702	approved
2391	R2-1804089	Reply LS on Certification/License and Identification of Aerial Vehicles	RAN2			LS out	Approval				9.18	Enhanced LTE Support for Aerial Vehicles	406001	approved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 299

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2374	02-Mar-18	02-Mar-18	R2-1804026		Rel-15	38.331	15.0.0	NR_newRAT-Core	0005	4	F						
2375	02-Mar-18	02-Mar-18	R2-1803874		Rel-15			NR_newRAT-Core						RAN1, SA2			
2376	02-Mar-18	02-Mar-18	R2-1804015											RAN3	RAN1, RAN4		
2377	02-Mar-18	02-Mar-18	R2-1803965		Rel-15			NR_newRAT-Core						RAN1, RAN3, RAN4			
2378	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1801569	RAN2	RAN1	R4-1802690	
2379	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1712028	RAN2	RAN1, RAN3	R4-1802708	
2380	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1712078	RAN2	RAN1	R4-1803122	
2381	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1801667	RAN2		R4-1803254	
2382	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1801658	RAN2	RAN1	R4-1803276	
2383	02-Mar-18	02-Mar-18	R2-1803738														
2384	02-Mar-18	02-Mar-18	R2-1803839		Rel-13	36.331	13.8.1	LTE_CA_enh_b5C-Core	3275	2	F						
2385	02-Mar-18	02-Mar-18	R2-1803954		Rel-15			NR_newRAT-Core									
2386	02-Mar-18	02-Mar-18	R2-1804009		Rel-15			LTE_HRLLC-Core						RAN1			
2387	02-Mar-18	02-Mar-18	R2-1803962		Rel-15			TEI15					R2-1712159	SA4	RAN3, SA5		
2388	02-Mar-18	02-Mar-18	R2-1803963		Rel-15			TEI15					R2-1801754	SA5	RAN3, SA4		
2389	02-Mar-18	02-Mar-18	R2-1804023		Rel-15			TEI15					R2-1704027	SA5			
2390	02-Mar-18	02-Mar-18	R2-1804024		Rel-15			TEI15					R2-1704028	SA5			
2391	02-Mar-18	02-Mar-18	R2-1804037		Rel-15			LTE_Aerial						SA2, RAN3	CT4		

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 300

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Tdoc	Title	Source	Contact	Contact ID	Type	For	Abstract	Secretary Remarks	Agenda item sort order	Agenda item	Agenda item description	TDoc sort order within agenda item	TDoc Status
2392	R2-1804090	LS on PC5 transmission mechanism selection	RAN2			LS out	Approval				9.10.4	Others	18502	approved
2393	R2-1804091	LS to RAN on IMT-2020 requirement for 0ms handover interruption time in Rel-15	RAN2			LS out	Approval				4.1	Handover interruption time for LTE and NR	22700	approved
2394	R2-1804092	LS on Security aspects of supporting LTE connected to 5GC	RAN2			LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	21101	approved
2395	R2-1804093	LS reply on LTE measurement gap patterns for SSTD measurement (R4-1803506; contact: Ericsson)	RAN4			LS in	Action				10.1	Organisational	409300	available
2396	R2-1804094	LS to SA2 and CT1 on enabling and disabling NG RAN Capabilities	RAN2			LS out	Approval				9.7.2	Stage 2 aspects independent from NR/5GC	29441	approved
2397	R2-1804095	LS regarding RAN support for NW slicing	RAN2			LS out	Approval				10.2.11	Slicing	18262	approved
2398	R2-1804096	Reply LS on the latency measurement	RAN2			LS out	Approval				10.2.14	Other	29662	approved
2399	R2-1804097	Reply LS on intra-frequency measurement on NR Scell	RAN2			LS out	Approval				10.4.1.4.1	Corrections to RRM for EN-DC	35571	approved
2400	R2-1804098	Response LS on Maximum TBS for PDSCH containing RMSI/OSI/Paging	RAN2			LS out	Approval				10.4.1.6.1	System information content/structure	20502	approved
2401	R2-1804099	LS to RAN3 on details of RAN notification area	RAN2			LS out	Approval				10.4.1.7.1	RAN area configuration	23641	approved
2402	R2-1804100	LS on SN triggered fullConfig indication in X2 for EN-DC	RAN2			LS out	Approval				10.4.3.1	Rapporteur inputs	405601	approved
2403	R2-1804101	Reply LS on periodic RNA update without anchor relocation	RAN2			LS out	Approval				10.4.1.7.3	RAN area update procedure	23101	approved
2404	R2-1804102	LS on UL timing difference in EN-DC	RAN2			LS out	Approval				10.4.3.2	ASN.1 issue documents	403501	approved
2405	R2-1804103	LS on RAN2 agreements on RRM	RAN2			LS out	Approval				10.4.3.1	Rapporteur inputs	405901	reserved

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 301

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	Reservation date	Uploaded	Is revision of	Revised to	Rel	Specification	Version	Related WIs	CR	CR revision	CR category	TSG CR Pack	Reply to	LS_To	LS_Cc	Original LS	Reply in
2392	02-Mar-18	02-Mar-18	R2-1804040		Rel-15			LTE_eV2X-Core						SA2			
2393	02-Mar-18	02-Mar-18	R2-1803833		Rel-15			NR_newRAT-Core						RAN			
2394	02-Mar-18	02-Mar-18	R2-1803991		Rel-15			LTE_5GCN_connect-Core						CT1	SA3		
2395	02-Mar-18	02-Mar-18			Rel-15			NR_newRAT-Core					R2-1714227	RAN2		R4-1803506	
2396	02-Mar-18	02-Mar-18	R2-1803993		Rel-15			LTE_5GCN_connect-Core						CT1, SA2			
2397	02-Mar-18	02-Mar-18	R2-1804071		Rel-15			NR_newRAT-Core						SA2, RAN3			
2398	02-Mar-18	02-Mar-18	R2-1804019		Rel-15			NR_newRAT-Core						SA5			
2399	02-Mar-18	02-Mar-18	R2-1803938		Rel-15			NR_newRAT-Core						RAN4			
2400	02-Mar-18	02-Mar-18	R2-1803958		Rel-15			NR_newRAT-Core					R2-1803989	RAN1			
2401	02-Mar-18	02-Mar-18	R2-1803976		Rel-15			NR_newRAT-Core						RAN3			
2402	02-Mar-18		R2-1804042		Rel-15			NR_newRAT-Core						RAN3			
2403	02-Mar-18	02-Mar-18	R2-1803977		Rel-15			NR_newRAT-Core					R2-1800015	RAN3			
2404	02-Mar-18		R2-1804035		Rel-15			NR_newRAT-Core						RAN4	RAN1		
2405	02-Mar-18		R2-1804059		Rel-15			NR_newRAT-Core						RAN1, RAN4			

Unified Patents, LLC v. Togail Technologies, Ltd.
Ex-1032
Page 302