

IPR INFORMATION STATEMENT AND LICENSING DECLARATION

IPR HOLDER / ORGANISATION ("Declarant")

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IPR INFORMATION STATEMENT

In accordance with Clause 4.1 of the ETSI IPR Policy the Declarant and/or its AFFILIATES hereby informs ETSI that it is the Declarant's and/or its AFFILIATES' present belief that the IPR(s) disclosed in the attached *IPR Information Statement Annex* may be or may become ESSENTIAL in relation to at least the ETSI Work Item(s), STANDARD(S) and/or TECHNICAL SPECIFICATION(S) identified in the attached *IPR Information Statement Annex*.

The Declarant and/or its AFFILIATES (**check one box only**):

are the proprietor of the IPR(s) disclosed in the attached *IPR Information Statement Annex*.

are not the proprietor of the IPR(s) disclosed in the attached *IPR Information Statement Annex*.

IPR LICENSING DECLARATION

In accordance with Clause 6.1 of the ETSI IPR Policy the Declarant and/or its AFFILIATES hereby irrevocably declares the following (**check one box only, and subordinate box, where applicable**):

To the extent that the IPR(s) disclosed in the attached *IPR Information Statement Annex* are or become, and remain ESSENTIAL in respect of the ETSI Work Item, STANDARD and/or TECHNICAL SPECIFICATION identified in the attached *IPR Information Statement Annex*, the Declarant and/or its AFFILIATES are (1) prepared to grant irrevocable licences under this/these IPR(s) on terms and conditions which are in accordance with Clause 6.1 of the ETSI IPR Policy; and (2) will comply with Clause 6.1 bis of the ETSI IPR Policy.

This irrevocable undertaking is made subject to the condition that those who seek licences agree to reciprocate (**check box if applicable**):

The Declarant and/or its AFFILIATES are not prepared to make the above IPR Licensing Declaration (reasons may be explained in writing in the attached *IPR Licensing Declaration Annex*).

The construction, validity and performance of this IPR information statement and licensing declaration shall be governed by the laws of France. Terms in ALL CAPS on this form have the meaning provided in Clause 15 of the ETSI IPR Policy.

SIGNATURE

By signing this IPR Information Statement and Licensing Declaration form, you represent that you have the authority to bind the Declarant and/or its AFFILIATES to the representations and commitments provided in this form.

Name of authorized person: Dr. Mang Zhu
Title of authorized person: Chief IP Strategy Officer
Place, Date: Shenzhen, 17/09/2020



ETSI Rules of Procedure, 4 December 2019

IPR Information Statement Annex

STANDARD, TECHNICAL SPECIFICATION or ETSI Work Item					Proprietor	Application No.	Publication No.	Patent/Application Title	Country of registration	FURTHER INFORMATION		
Disclosure Number	Project or Standard name	Work Item or Standard No.	Illustrative Specific part of the standard (e.g. Section)	Version (V.X.X.X)						Other members of this PATENT FAMILY, if any *		
					Application No.	Publication No.	Country of registration					
1	LTE	TS 36.443 TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010187330	CN102264033 B		CHINA			
2	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE Corporation	CN200810168483	CN101378595 B	Method for determining random access channel quantity and method for sending measurement reference signal	CHINA			
3	LTE	TS 36.443 TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE Corporation	CN20081006192	CN101516063 B	Multimedia broadcast and multicast service transmitting method	CHINA			
4	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN200910204775	CN101695191 B	System and method for distributing measurement reference signal resource	CHINA			
5	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN200810173410	CN101730128 B	Method and device for selecting resource processing mode	CHINA			
6	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN20091076109	CN101771454 B	Space diversity method and device	CHINA			
7	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN20091076107	CN101771509 B	Orthogonal network space-time coding method and relay transmission system	CHINA			
8	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010157091	CN101808409 B	Method and system for configuration of measurement reference signals in LTE-A system	CHINA			
9	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010257101	CN101917766 B	Method and system for confirming physical uplink control channel resources	CHINA			

10	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010251674	CN101931458 B	Wireless frame of mobile communication system and sending method of measurement reference signal	CHINA			
11	LTE	TS 36.443 TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN20091088278	CN101959131 B	Carrying method and device of MBMS (Multimedia Broadcast Multicast Service) notification information	CHINA			
12	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN200910186155	CN101997587 B	Method and device for determining channel quality indicator (CQI) value in coordinated multi-point transmission/reception (COMP)	CHINA			
13	LTE	TS 36.440 TS 36.441 TS 36.321 TS 36.331			ZTE CORP	CN200910211970	CN102098621 B	Method for receiving multicast control channel notification and user equipment	CHINA			
14	LTE	TS 36.443 TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010114503	CN102158809 B	Multimedia broadcast multicast service (MBMS) continuity judging method and user equipment	CHINA			
15	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201110102805	CN102158978 B	Method and system for processing downlink control information	CHINA			
16	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			??????????	CN201010207473	CN102281587 B		CHINA			
17	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201110218399	CN102355731 B	Base station, terminal, system and methods for transmitting data in time division duplex (TDD) system	CHINA			
18	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201010270199	CN102387543 B	Allocation method and device of dynamic subframes in time division duplexing system	CHINA			
19	LTE	TS 36.443 TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201110165672	CN102843648 B	Method and device for transmitting control information of MBMS in multi-carrier aggregation system	CHINA			

20	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN20121016306	CN103220653 B	Method and device for configuring track area and updating locations of mobile relay	CHINA			
21	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN20121040993	CN103297947 B	Method and system for achieving local IP service	CHINA			
22	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201210101929	CN103368709 B	Reply information transmission method and device for hybrid automatic repeat request acknowledge	CHINA			
23	LTE	TS 36.300 TS 36.304 TS 36.331			ZTE CORP	CN201210126666	CN103379593 B	Terminal electricity-saving method, terminal electricity-saving device and network side electricity-saving device	CHINA			
24	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201210404158	CN103780289 B	Method and device for carrying out codebook processing on channel information	CHINA			
25	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE Corporation	CN20041009746	CN100550655 C	Coder/decoder for low-density parity check code and its forming method	CHINA			
26	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE Corporation	CN200910150617	CN101594633 B	Base station, terminal, system and method for transmitting sounding reference signals by multiple antennae	CHINA			
27	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201210203377	CN103516493 B	Data transmission method and device	CHINA			
28	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201210218686	CN103516474 B	Physical uplink control channel resource determining method and user equipment	CHINA			
29	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE Corporation	CN20051007156	CN100486150 C	Non-regular low intensity parity code based coder and its creation method	CHINA			
30	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN200910137448	CN101873620 B	Method and device for judging inter-cell reselection parameter and handover parameter matching	CHINA			

31	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210535546	CN103874205 B	Data transmission and receiving method and device thereof	CHINA			
32	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210286552	CN103595514 B	A method and a base station for carrying out calibration on data transmitted by cooperative AP points	CHINA			
33	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210286628	CN103596196 B	A method and an apparatus for calibrating multiple access points	CHINA			
34	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210284733	CN103581891 B	Method and device for information processing	CHINA			
35	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210271360	CN103580819 B	Channel state information feedback allocation method and device and measuring and feedback method and device	CHINA			
36	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN20121030111	CN103249153 B	Method and system for distributing dynamic frame structures of TDD (time division duplexing) system and evolution base station	CHINA			
37	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423		ZTE CORP	CN201210344281	CN103686859 B	Shunting method and system based on multi-network combined transmission and access network element	CHINA			
38	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210363660	CN103684676 B	Noticing method, determining method, noticing system and determining device for location relationship of antenna ports	CHINA			
39	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331		ZTE CORP	CN201210395054	CN103780361 B	Method and device for sending response information	CHINA			
40	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423		ZTE CORP	CN201210429652	CN103796235 B	Method for transmitting service cell subframe configuration information and donor base station	CHINA			
41	LTE	TS 36.331 TS 36.413 TS 36.423 TS 37.320		ZTE CORP	CN201210498973	CN103856991 A	Method and device for maintaining neighbor cell information of mobile relay	CHINA			

42	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN201210594114	CN103888956 B	Configuration Information processing method and system	CHINA			
43	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN20131012980	CN103929779 B	Control information sending method and device and control information receiving method and device	CHINA			
44	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN20131027028	CN103945559 B	Network access system and method	CHINA			
45	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN201310342139	CN104349362 B	PI (Proximity Indication) reporting method and system, UE (User Equipment) and network equipment	CHINA			
46	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310123230	CN104104625 B	Method for ensuring channel phase continuity among resource block (RB) groups after precoding, and base station	CHINA			
47	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310134132	CN104113914 B	Physical multicast channel configuring, transmitting, and receiving method and system	CHINA			
48	LTE	TS 36.300 TS 36.331 TS 36.423			ZTE CORP	CN201310130961	CN104113881 B	Radio resource management (RRM) method, macro base station and low power node (LPN)	CHINA			
49	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310135921	CN104113925 B	Authorization signalling sending and acquiring method and device	CHINA			
50	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310344327	CN104349458 B	Control channel transmission method, transmission processing method, communication node and terminal	CHINA			
51	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310292588	CN104284441 B	Channel access method under spatial multiplexing and station	CHINA			
52	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN201310461387	CN104519557 B	Cell awakening method and access network element device	CHINA			

53	LTE	TS 36.133 TS 36.213 TS 36.300 TS 36.331			ZTE CORP	CN201310169199	CN104144473 B	Method for selecting available access network and UE	CHINA			
54	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310486110	CN104581854 B	Wireless connection method and device	CHINA			
55	LTE	TS 36.300 TS 36.331 TS 36.413 TS 36.423			ZTE CORP	CN201310164843	CN104144458 B	Method, base stations and system for link establishment	CHINA			
56	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310486106	CN104581911 B	Inter-node signaling interaction, uplink power control and uplink transmission methods and devices	CHINA			
57	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310443156	CN104469960 B	Dispatching configuring method and device	CHINA			
58	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310753174	CN104753632 B	Information processing method and device	CHINA			
59	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201310754167	CN104753633 B	High-order encoding processing method, device and system	CHINA			
60	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201410555400	CN105577598 A	Signal detection method and device of LTE uplink system under interference condition	CHINA			
61	LTE	TS 36.211 TS 36.212 TS 37.106 TS 37.213			ZTE CORP	CN20151030442	CN105873070 B	Licensed shared access (LSA) system interference adaptive discovery method and device	CHINA			
62	LTE	TS 36.211 TS 36.212 TS 36.213 TS 36.331			ZTE CORP	CN201110345903	CN103095632 B	Collocation method and device of carrier control domain	CHINA			

* Information on other members of a PATENT FAMILY is provided voluntarily (Clause 4.3 of the ETSI IPR Policy).