

ETSI Rules of Procedure, 3 April 2019

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*.

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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: Shen Zhen, 30/10/2019



Please return this form duly signed to: ETSI Director-General
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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	5G	TS 36.213 TS 36.331 TS 38.331 TS 38.212 TS 38.213			ZTE Corporation	CN20131019608	CN103944855 B	Modulation processing method and device	CHINA			
2	5G	TS 23.501 TS 23.502 TS 23.503 TS 24.501 TS 24.502			ZTE CORP [CN]	CN200710182241	CN101141412 B	Method for establishing dedicated bearing for subscriber terminal	CHINA	WO2007CN03923	WO2009046598 A1	Patent Cooperation Treaty
3	5G	TS 24.647 TS 23.501 TS 23.502 TS 23.503 TS 24.501			ZTE CORP [CN]	CN20081091055	CN101448283 B	Method for triggering session termination and realizing method and system thereof	CHINA	EP20080873814	EP2268094 A4	European Patent Office
										US20080937212	US2011026466 A1	UNITED STATES
										WO2008CN73513	WO2009124441 A1	Patent Cooperation Treaty
4	5G	TS 23.228 TS 23.237 TS 23.501 TS 23.502 TS 33.501			ZTE CORP	CN20091083288		Method and system for realizing safe bifurcation call session in IP multimedia subsystem	CHINA			
5	5G	TS 23.228 TS 23.237 TS 23.501 TS 23.502 TS 33.501			ZTE CORP	CN200910142257		Method and system for transmitting delay media information of IP multimedia subsystem	CHINA			
6	5G	TS 23.228 TS 23.237 TS 23.501 TS 23.502 TS 33.501			ZTE CORP	CN200910151034		Method and system for transmitting delayed media information of IP multimedia subsystem	CHINA	EP20100788631	EP2451133 B1	European Patent Office
										US201013260100	EP2451133 B1	UNITED STATES
										WO2010CN71185	EP2451133 B1	Patent Cooperation Treaty
7	5G	TS 36.213 TS 36.321 TS 38.211 TS 38.321 TS 38.213			ZTE CORP	CN201010111052		Measuring and reporting method of power climbing space and terminal	CHINA	US201013259486	US8711722 B2	UNITED STATES

8	5G	TS 36.213 TS 38.331 TS 38.212 TS 38.213 TS 38.214			ZTE CORP	CN201010259088	CN101908951 B	Method for reporting channel state information (CSI) and base station	CHINA	BR20121125917	BR112012025917 A2	BRAZIL
										EP20150155423	EP2890175 A3	European Patent Office
										RU20120143746	RU2012143746 A	RUSSIAN FEDERATION
										EP20100856094	BR112012025917 A2	European Patent Office
										JP20130504099	BR112012025917 A2	JAPAN
										KR20127026617	BR112012025917 A2	KOREA (REPUBLIC OF)
										US201013640223	BR112012025917 A2	UNITED STATES
										WO2010CN80019	BR112012025917 A2	Patent Cooperation Treaty
9	5G	TS 29.213 TS 29.215 TS 23.501 TS 23.502 TS 29.513			ZTE CORP	CN200910212378		Policy and charging control method and system based on time interval	CHINA	EP20100791363	EP2487943 B1	European Patent Office
										US201013258288	EP2487943 B1	UNITED STATES
10	5G	TS 23.228 TS 23.237 TS 23.501 TS 23.502 TS 33.501			ZTE CORP	CN200910212359		Method for acquiring key management server information, and monitoring method, system and equipment	CHINA			
11	5G	TS 36.213 TS 38.211 TS 38.212 TS 38.213 TS 38.214			ZTE CORP	CN201010114494		Method and device for pre-encoding based on hybrid multiplex demodulation reference symbols	CHINA	EP20100845593	EP2536231 A4	European Patent Office
										JP20120552236	EP2536231 A4	JAPAN
										KR20127023613	EP2536231 A4	KOREA (REPUBLIC OF)
										MX20120009255	EP2536231 A4	MEXICO
										RU20120136144	EP2536231 A4	RUSSIAN FEDERATION
US201013257662	EP2536231 A4	UNITED STATES										
12	5G	TS 36.213 TS 38.211 TS 38.212 TS 38.213 TS 38.214			ZTE CORP	CN201010116411		Transmission power configuration method and device for demodulation reference signals	CHINA	EP20100845564	EP2515448 B1	European Patent Office
										JP20120552232	EP2515448 B1	JAPAN
										KR20127020714	EP2515448 B1	KOREA (REPUBLIC OF)
										MX20120009107	EP2515448 B1	MEXICO
										RU20120130037	EP2515448 B1	RUSSIAN FEDERATION
										US201013258310	EP2515448 B1	UNITED STATES

13	5G	TS 36.331 TS 37.320 TS 38.331 TS 38.423 TS 38.473			CN201010208734	CN102281568 B		CHINA	EP20110795028	EP2536196 B1	European Patent Office
									JP20130513525	JP2013528334 A	JAPAN
									KR20127026299	KR20120131207 A	KOREA (REPUBLIC OF)
									MX20120012070	MX2012012070 A	MEXICO
									US201113583008	US2012329402 A1	UNITED STATES
								WO2011CN70060	WO2011157062 A1	Patent Cooperation Treaty	
14	5G	TS 36.213 TS 36.321 TS 38.321 TS 38.331 TS 38.213			CN201010214976		PHR (power headroom report) reporting method and system used in carrier aggregation scene	CHINA	EP20110800100	EP2472942 B1	European Patent Office
									US201113499111	EP2472942 B1	UNITED STATES
									WO2011CN74607	EP2472942 B1	Patent Cooperation Treaty
15	5G	TS 36.213 TS 36.321 TS 38.321 TS 38.331 TS 38.213			ZTE CORP	CN201010513116	Method and device for reporting power head room under carrier collection conditions	CHINA	US201113574680	US8996055 B2	UNITED STATES
16	5G	TS 23.501 TS 23.502 TS 23.503 TS 24.501 TS 24.502			ZTE CORP	CN20121004672	Method and system for accessing core network through non-third generation partnership project (non-3GPP)	CHINA	EP20120865052	EP2804420 A4	European Patent Office
									WO2012CN87205	WO2013104247 A1	Patent Cooperation Treaty
17	5G	TS 36.321 TS 36.331 TS 38.321 TS 38.331 TS 38.213			ZTE CORP	CN201110226077	Processing method and device of time alignment timer (TAT) in multi-carrier communication system	CHINA	WO2012CN79819	WO2013020506 A1	Patent Cooperation Treaty
18	5G	TS 23.501 TS 23.502 TS 23.503 TS 24.501 TS 24.502			ZTE CORP	CN201110285554	Trusted non-3GPP (3rd-Generation Partnership Project) access network element, method for accessing mobile network and detaching method	CHINA	EP20120834168	US9467962 B2	European Patent Office
									US201214345437	US9467962 B2	UNITED STATES
									WO2012CN81716	US9467962 B2	Patent Cooperation Treaty
19	5G	TS 36.213 TS 36.321 TS 38.321 TS 38.331 TS 38.213			ZTE CORP	CN20121018906	Sending method for uplink signal and user equipment	CHINA	EP20120865980	US2018124712 A1	European Patent Office
									US201214372993	US2018124712 A1	UNITED STATES
									US201615139264	US2018124712 A1	UNITED STATES
									US201715856017	US2018124712 A1	UNITED STATES
									WO2012CN85724	US2018124712 A1	Patent Cooperation Treaty

20	5G	TS 36.213 TS 36.331 TS 38.211 TS 38.331 TS 38.214			ZTE CORP	CN20111040570		Method and system for supplying service for terminal through TDD (Time Division Duplex) cell	CHINA	EP20120746806	US9949134 B2	European Patent Office
										US201214000175	US9949134 B2	UNITED STATES
										WO2012CN71292	US9949134 B2	Patent Cooperation Treaty
21	5G	TS 36.213 TS 36.331 TS 38.331 TS 38.212 TS 38.213			ZTE CORP	CN201310733202		Interference processing method and device, network control unit and terminal	CHINA	AU20190203705	AU2019203705 A1	AUSTRALIA
										AU20140261928	AU2019203705 A1	AUSTRALIA
										EP20140792107	AU2019203705 A1	European Patent Office
										JP20160542966	AU2019203705 A1	JAPAN
										KR20167020424	AU2019203705 A1	KOREA (REPUBLIC OF)
										US201615213900	AU2019203705 A1	UNITED STATES
										WO2014CN78181	AU2019203705 A1	Patent Cooperation Treaty
22	5G	TS 36.213 TS 36.331 TS 38.331 TS 38.212 TS 38.214			ZTE CORP	CN201310198968		Channel state information feedback method and terminal	CHINA	AU20140271098	US9800312 B2	AUSTRALIA
										BR20151118475	US9800312 B2	BRAZIL
										CA20142899660	US9800312 B2	CANADA
										EP20140800589	US9800312 B2	European Patent Office
										JP20150555562	US9800312 B2	JAPAN
										KR20157020844	US9800312 B2	KOREA (REPUBLIC OF)
										MX20150009961	US9800312 B2	MEXICO
										RU20150130505	US9800312 B2	RUSSIAN FEDERATION
										US201414764584	US9800312 B2	UNITED STATES
23	5G	TS 36.213 TS 36.331 TS 38.331 TS 38.212 TS 38.213			ZTE CORP	CN201410197177	CN104202115 B	Higher-order coded modulation processing method, device, base station and terminal	CHINA	AU20140393144	RU2645295 C1	AUSTRALIA
										EP20140891460	RU2645295 C1	European Patent Office
										JP20160567204	RU2645295 C1	JAPAN
										KR20167034401	RU2645295 C1	KOREA (REPUBLIC OF)
										RU20160144661	RU2645295 C1	RUSSIAN FEDERATION
										US201415309804	RU2645295 C1	UNITED STATES
										WO2014CN85689	RU2645295 C1	Patent Cooperation Treaty
24	5G	TS 36.213 TS 36.331 TS 38.211 TS 38.331 TS 38.213			ZTE CORP	CN201410228839		Discover signal process method and base station	CHINA	US201415313880	US10327198 B2	UNITED STATES

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



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