

Country	Mobile Network Operators	Networks	Dialling Prefix	Country Code (MCC)	Daily Roaming (ZONE 1)	Europe, North America and Asia Pacific (ZONE 2)	Rest of the World (ZONE 3)
<b>AFGHANISTAN</b>	Afghan Wireless Communication Company		93		No		Yes
	Etisalat Afghanistan						
	MTN Afghanistan						
	Telecom Development Company Afghanistan Ltd.						
<b>ALBANIA</b>	ALBtelecom sh.a		355		No	Yes	
	Telekom Albania Sh.A						
	Vodafone Albania						
<b>ALGERIA</b>	ATM MOBILIS		213		No		Yes
	Optimum Telecom Algerie						
	Wataniya Telecom Algerie						
<b>AMERICAN SAMOA</b>	AST Telecom, LLC		684		No		Yes
<b>ANDORRA</b>	Andorra Telecom		376		No		Yes
<b>ANGOLA</b>	Movicel Telecomunicações Angola		244		No		Yes
	UNITEL S.A.						
<b>ANGUILLA</b>	Cable & Wireless (West Indies) Ltd. Anguilla	(4G)	1264	365	Yes		
<b>ANTIGUA &amp; BARBUDA</b>	Cable & Wireless Caribbean Cellular (Antigua) Limited	(4G)	1268	344	Yes		
<b>ARGENTINA</b>	AMX Argentina S.A.	(4G)	54	722	Yes		
	Telecom Personal SA						
	Telefonica Moviles Argentina S.A						
<b>ARMENIA</b>	Karabakh Telecom		374		No		Yes
	MTS Armenia						
	UCOM CJSC						
	VEON Armenia CJSC						
<b>ARUBA</b>	SETAR (Servicio di Telecomunicacion di Aruba)	(4G)	297	363	Yes		
<b>AUSTRALIA</b>	Singtel Optus Limited	(4G), (5G)	61	505	Yes		
	Telstra Corporation Limited						

	TPG Telecom Limited [Vodafone Australia]					
<b>AUSTRIA</b>	AI Telekom Austria AG	(4G)	43	232	Yes	
	Hutchison Drei Austria GmbH					
	T-Mobile Austria GmbH					
<b>AZERBAIJAN</b>	Azercell Telecom LLC		994		No	Yes
	Bakcell Ltd					
<b>BAHAMAS</b>	Be Aliv Limited		1242		No	Yes
	The Bahamas Telecommunications Company Ltd					
<b>BAHRAIN</b>	Bahrain Telecommunications Company		973		No	Yes
	STC Bahrain B.S.C Closed					
	Zain Bahrain B.S.C					
<b>BANGLADESH</b>	Axiata (Bangladesh) Limited.		880		No	Yes
	BANGLALINK DIGITAL COMMUNICATIONS LTD.					
	Grameenphone Ltd					
<b>BARBADOS</b>	Cable & Wireless Barbados Ltd.	(4G)	1246	342	Yes	
<b>BELARUS</b>	BeST - GSM 900/1800 - BELARUS		375		No	Yes
	JLLC Mobile TeleSystems					
	Unitary enterprise AI					
<b>BELGIUM</b>	Orange Belgium SA/NV	(4G), (5G)	32	206	Yes	
	Proximus SA					
	Telenet Group bvba/sprl					
<b>BELIZE</b>	Belize Telemedia Limited		501		No	Yes
<b>BENIN</b>	MTN- Spacetel-Benin		229		No	Yes
	TELECEL BENIN - GSM 900 - BENIN					
<b>BERMUDA</b>	Bermuda Digital Communications Limited	(4G)	1441	350	Yes	
<b>BHUTAN</b>	B-Mobile		975		No	Yes
	Tashi InfoComm Limited					
<b>BOLIVIA</b>	Entel SA		591		No	Yes
	Nuevatel PCS De Bolivia SA					
	TELECEL BOLIVIA - GSM 850 - BOLIVIA					
	BH Telecom - Joint Stock Company - Sarajevo					

<b>BOSNIA- HERZEGOVINA</b>	MTEL (RS Telecommunications JSC Banja Luka)		387		No	Yes
	Public Enterprise Croatian Telecom Ltd.					
<b>BOTSWANA</b>	Botswana Telecommunications Corporation					
	Mascom Wireless (Pty) Limited		267		No	Yes
	Orange (Botswana) Pty Limited					
<b>BRAZIL</b>	Americel S.A.					
	OI MOVEL S.A. Brazil	(4G)	55	724	Yes	
	TIM Celular S.A.					
	Vivo S.A.					
<b>BRUNEI</b>	Unified National Networks Sdn Bhd		673		No	Yes
<b>BULGARIA</b>	A1 Bulgaria EAD					
	Bulgarian Telecommunications Company AD	(4G), (5G)	359	284	Yes	
	Telenor Bulgaria EAD					
<b>BURKINA FASO</b>	Onatel					
	Orange Burkina Faso S.A.		226		No	Yes
<b>BURUNDI</b>	ECONET LEO S.A					
	LACELL SU		257		No	Yes
<b>CAMBODIA</b>	Cellcard	(4G)	855	456	Yes	
	SMART Axiata, Co., Ltd.					
<b>CAMEROON</b>	MTN Cameroon Ltd					
	Orange Cameroun S.A.		237		No	Yes
<b>CANADA</b>	Bell Mobility Inc.					
	Freedom Mobile, Canada					
	Rogers Communications Canada Inc.	(4G)	1	302	Yes	
	Saskatchewan Telecommunications					
	TELUS Communications					
<b>CAPE VERDE</b>	Videotron					
	CVMovel, S.A.					
	T+ TELECOMUNICACÕES S.A.		238		No	Yes
<b>CAYMAN ISLANDS</b>	Cable & Wireless (Cayman Islands) Limited	(4G)	1345	346	Yes	
<b>CENTRAL AFRICAN REPUBLIC</b>	Atlantique Telecom Centrafrique		236		No	Yes

<b>CENTRAL AFRICAN REPUBLIC</b>	Orange Centrafrique		230		NO		Yes
<b>CHAD</b>	CeITel Tchad SA		235		No		Yes
	MILLICOM TCHAD						
<b>CHILE</b>	ENTEL TELEFONIA MOVIL	(4G)	56	730	Yes		
	Telefonica Movil de Chile						
<b>CHINA</b>	China Mobile	(4G), (5G)	86	460	Yes		
	China Unicom						
<b>COLOMBIA</b>	COLOMBIA MOVIL S.A.	(4G)	57	732	Yes		
	Colombia Telecomunicaciones						
	Comunicacion Celular SA Comcel SA						
<b>COMOROS</b>	Societe Nationale des Telecommunications (Comores Telecom)		2697		No Roaming	No Roaming	No Roaming
<b>CONGO</b>	Africell RDC sprl		243		No		Yes
	Celtel Congo						
	Orange DRC Sarl						
	Orange RDC Sarl						
	Vodacom Congo (RDC) S.A.						
	Bharti Airtel CeITel Congo SA						
	MTN CONGO S.A						
<b>COOK ISLANDS/ RAROTONGA</b>	Telecom Cook Islands	(4G)	682	548	Yes		
<b>COSTA RICA</b>	Claro CR Telecomunicaciones, S.A.	(4G)	506	712	Yes		
	I.C.E. (Instituto Costarricense de Electricidad)						
	Telefonica de Costa Rica TC S.A.						
<b>IVORY COAST</b>	Atlantique Telecom Cote d'Ivoire		225		No		Yes
	MTN CÔTE D IVOIRE S.A.						
	Orange CI						
<b>CROATIA</b>	Croatian Telecom	(4G)	385	219	Yes		
	Telemach Croatia Ltd.						
	VIPnet d.o.o.						
<b>CUBA</b>	Empresa de Telecomunicaciones de Cuba, SA (ETECSA)		53		No		Yes
	Cyprus Telecommunications Auth						

<b>CYPRUS</b>	Epic Ltd	(4G)	357	280	Yes		
	Primetel PLC						
<b>CZECH REPUBLIC</b>	O2 Czech Republic a.s.	(4G), (5G)	420	230	Yes		
	T-Mobile Czech Republic a.s.						
	Vodafone CZECH REPUBLIC A.S.						
<b>DENMARK</b>	Hi3G Denmark ApS	(4G), (5G)	45	238	Yes		
	Nuuday A/S						
	Telenor A/S						
	Telia Nattjanster Norden AB						
<b>DJIBOUTI</b>	Djibouti Telecom SA		253		No		Yes
<b>DOMINICA</b>	Cable & Wireless Dominica Ltd.	(4G)	1767	366	Yes		
<b>DOMINICAN REPUBLIC</b>	Altice Dominicana, S.A.	(4G)	1809	370	Yes		
	Compañía Dominicana de Telefonos, C. por A.						
	Trilogy Dominicana S.A.						
<b>EAST TIMOR</b>	PT Telekomunikasi Indonesia International		670		No		Yes
	Timor Telecom						
<b>ECUADOR</b>	Conecel S.A. (Consortio Ecuatoriano de Telecomunicaciones S.A.)	(4G)	593	740	Yes		
	OTECCEL S.A.						
<b>EGYPT</b>	Etisalat Misr		20		No	Yes	
	Orange Egypt						
	Vodafone Egypt Telecommunications S.A.E						
<b>EL SALVADOR</b>	CTE Telecom Personal SA de CV	(3G only)	503	706	Yes		
	DIGICEL, S.A. de C.V.						
	Telefonica Moviles El Salvador, S.A de c.v						
	TIGO/Telemovil EL Salvador S.A						
<b>EQUATORIAL GUINEA</b>	Guinea Ecuatorial de Telecomunicaciones Sociedad Anónima-Getesa		240		No		Yes
	MUNI S.A.						
<b>ESTONIA</b>	Elisa Eesti AS	(4G)	372	248	Yes		
	Tele2 Eesti AS						
	Telia Eesti AS						

<b>ETHIOPIA</b>	Ethio telecom		251		No		Yes	
<b>FAROE ISLANDS</b>	Faroese Telecom		298		No	Yes		
	Hey Faroe Islands							
<b>FIJI</b>	Digicel (Fiji) Limited	(4G)	679	542	Yes			
	Vodafone Fiji Pte Limited							
<b>FINLAND</b>	DNA Ltd		358		Yes No	Yes		
	Elisa Corporation							
	TeliaSonera Finland Oyj							
<b>FRANCE</b>	Bouygues Telecom	(4G), (5G)	33	208	Yes			
	Free Mobile							
	Orange France							
	SFR							
<b>FRENCH GUIANA</b>	Outremer		594		No		Yes	
<b>FRENCH POLYNESIA</b>	Onati S.A.S.		689		No		Yes	
	Pacific Mobile Telecom							
<b>GABON</b>	Celtel Gabon SA		241		No		Yes	
	Libertis S.A.							
<b>GAMBIA</b>	Africell (Gambia) Ltd		220		No		Yes	
	Comium Gambia Ltd							
	Gambia Telecommunications Cellular Company Ltd (Gamcell)							
	QCELL Limited							
<b>GEORGIA</b>	Magticom Ltd		995		No		Yes	
	Silknet JSC							
	Veon Georgia							
<b>GERMANY</b>	Telefonica o2 Germany GmbH & Co.OHG	(4G), (5G)	49	262	Yes			
	Telekom Deutschland GmbH							
	Vodafone GmbH, Germany							
<b>GHANA</b>	AirtelTigo Ghana	(4G)	233	620	Yes			
	Glo Mobile Ghana							
	MTN- Scancom Ltd							
	Vodafone - Ghana							

<b>GIBRALTAR</b>	Gibtelecom Limited		350		No		Yes
<b>GREECE</b>	COSMOTE - Mobile Telecommunications S.A.	(4G)	30	202	Yes		
	Vodafone-Panafon						
	Wind Hellas Telecommunications Single Member S.A						
<b>GREENLAND</b>	TELE Greenland A/S		299		No		Yes
<b>GRENADA</b>	Cable & Wireless Grenada Ltd.	(3G only)	1473	352	Yes		
<b>GUADELOUPE</b>	ORANGE CARAIBE		590		No		Yes
<b>GUAM</b>	Docomo Pacific, Inc.	(4G)	1671	310	Yes		
	PTI Pacifica Inc. dba IT&E						
<b>GUATEMALA</b>	COMCEL-Comunicaciones Celulares Sociedad Anonima	(4G)	502	704	Yes		
	Telecomunicaciones De Guatemala, S.A. (TELGUA)						
<b>GUERNSEY</b>	Sure Guernsey Limited	(4G)	44	234	Yes		
<b>GUINEA</b>	MTN- Areeba Guinea		224		No		Yes
	Orange Guinee SA						
<b>GUINEA-BISSAU</b>	MTN- Spacetel Guinee-Bissau SA		245		No		Yes
	Orange Bissau						
<b>GUYANA</b>	Guyana Telephone & Telegraph Co.		592		No		Yes
	U-Mobile (Cellular) Inc.						
<b>HAITI</b>		(3G only)	509	372	Yes		
<b>HONDURAS</b>	Servicios de Comunicaciones de Honduras S. A. de C.V.		504		No		Yes
	Telefonica Celular S.A (CELTEL)						
<b>HONG KONG</b>	CHINA MOBILE HONG KONG COMPANY LIMITED	(4G), (5G)	852	454	Yes		
	Hong Kong Telecommunications (HKT) Limited						
	Hutchison Telecom (HK) Ltd						
	SmarTone Mobile Communications Limited						
<b>HUNGARY</b>	Magyar Telekom Plc	(4G), (5G)	36	216	Yes		
	Telenor Magyarorszag Yrt.						
	Vodafone Hungary Ltd						

<b>ICELAND</b>	NOVA - 3G 2100 - ICELAND						
	Siminn hf		354		No	Yes	
	Vodafone Iceland - GSM 900/1800 - ICELAND						
<b>INDIA</b>	Bharti Airtel Limited						
	Bharti Hexacom Ltd						
	Vodafone IDEA Ltd						
	Vodafone India						
	Vodafone Mobile Services Limited	(4G)**	91	404	Yes		
	Vodafone Mobile Services Limited Tamil Nadu						
	Vodafone Mobile services Ltd						
	Vodafone Mobile Services Ltd, Maharashtra & Goa (INDBM)						
<b>INDONESIA</b>	Hutchison 3 Indonesia						
	PT Indosat Tbk	(4G) ^	62	510	Yes		
	PT Telekomunikasi Selular						
	XL Axiata						
<b>IRAN</b>	MCI		98		No	Yes	
<b>IRAQ</b>	Asiacell Communications LLC						
	Atheer Telecom Iraq		964		No		Yes
	Korek Telecom Ltd.						
<b>IRELAND</b>	THREE IRELAND (HUTCHISON) LIMITED						
	THREE IRELAND SERVICES (HUTCHISON) LIMITED	(4G), (5G)	353	272	Yes		
	Vodafone - Ireland						
<b>ISLE OF MAN</b>	Manx Telecom	(4G)	44	234			
<b>ISRAEL</b>	Cellcom Israel Ltd						
	HOT mobile Ltd.	(4G), (5G)	972	425	Yes		
	Partner Communications Company Ltd						
	Pelephone Communications Ltd.						
<b>ITALY</b>	NE - Telecom Italia SpA						
	Telecom Italia SpA	(4G), (5G)	39	222	Yes		
	Vodafone Italia S.p.A						
	Wind Tre S.p.A.						

<b>JAMAICA</b>	Cable & Wireless Jamaica Limited	(4G)	1876	338	Yes		
	Digicel (Jamaica) Limited						
<b>JAPAN</b>	NTT DOCOMO, INC	(4G)	81	440	Yes		
	SoftBank Corp.,Japan						
<b>JERSEY</b>	JERSEY AIRTEL LIMITED	(4G)	44	234	Yes		
	Jersey Telecom						
<b>JORDAN</b>	Jordan Mobile Telephone Services (JMTS)		962		No		Yes
	Orange Jordan						
	Umniah Mobile Company						
<b>KAZAKHSTAN</b>	KaR-Tel LLP		76		No		Yes
	Kcell JSC						
	Mobile Telecom Service LLP						
<b>KENYA</b>	Airtel - GSM 900 - KENYA	(4G)	254	639	Yes		
	Orange- Telkom Kenya Limited						
	Safaricom Limited						
<b>KIRIBATI</b>	Amalgamated Telecom Holdings Kiribati Limited (ATHKL)		686		No	Yes	
<b>Kosovo</b>	IPKO Telecommunications LLC		383		No		Yes
	Monaco Telecom- Vala 900 Kosovo						
<b>KUWAIT</b>	Kuwait Telecom Company		965		No		Yes
	Mobile Telecommunications Co.						
	Ooredoo Kuwait						
<b>KYRGYSTAN</b>	Alfa Telecom Joint Stock Company		996		No		Yes
	NurTelecom LLC						
	Sky Mobile LLC						
<b>LAOS</b>	Lao Telecom		856		No	Yes	
	Star Telecom company Limited (STL)						
	TPUS Digital Company Limited						
<b>LATVIA</b>	Latvijas Mobilais Telefons SIA	(4G),(5G)	371	247	Yes		
	SIA Bite Latvija						
	TELE2						
<b>IRANON</b>	MIC 1		961		No		Yes

<b>LEBANON</b>	MIC 2		301		NO		Yes
<b>LESOTHO</b>	Econet Telecom Lesotho (Pty) Ltd (ETL)		266		No		Yes
	Vodacom Lesotho (Pty) Ltd						
<b>LIBERIA</b>	Lonestar Communications Corporation		231		No		Yes
	Orange Liberia, Inc						
<b>LIBYA</b>	AL MADAR Telecomm Company		218		No		Yes
	Libyana Mobile Phone						
<b>LIECHTENSTEIN</b>	Salt (Liechtenstein) AG	(4G)	423	295	Yes		
	Telecom Liechtenstein						
<b>LITHUANIA</b>	Telia Lietuva AB	(4G)	370	246	Yes		
	UAB Bité Lietuva						
	UAB TELE2						
<b>LUXEMBOURG</b>	Orange S.A.	(4G), (5G)	352	270	Yes		
	POST Luxembourg						
	TANGO Mobile SA						
<b>MACAU</b>	CTM	(4G)	853	455	Yes		
	Hutchison Telephone (Macau) Company Ltd						
	SmarTone Mobile Communications (Macau) Ltd						
<b>MACEDONIA</b>	Al Makedonija DOOEL	(4G)	389	294	Yes		
	Makedonski Telekom						
<b>MADAGASCAR</b>	Celtel Madagascar		261		No		Yes
	Orange Madagascar S.A.						
	Telma SA						
<b>MALAWI</b>	Airtel Malawi		265		No		Yes
	Telekom Networks Malawi Ltd						
<b>MALAYSIA</b>	Celcom Axiata Berhad (Malaysia)	(4G)	60	502	Yes		
	DiGi Telecommunications Sdn Bhd						
	Maxis Broadband Sdn. Bhd.						
<b>MALDIVES</b>	Dhivehi Raajjeyge Gulhun Plc		960		No		Yes
	Ooredoo Maldives PLC						
<b>MAI</b>	Malitel SA		222		No		Yes

<b>MALI</b>	Orange Mali SA		223		NO		Yes
<b>MALTA</b>	Epic Communications Limited	(4G), (5G)	356	278	Yes		
	Epic Communications Limited – Maritime						
	GO p.l.c						
	Melita Mobile Ltd.						
<b>MARTINIQUE</b>	DIGICEL Antilles Française Guyane		596		No		Yes
<b>MAURITANIA</b>	CHINGUITEL S.A.		222		No		Yes
	MATTEL						
	MAURITEL MOBILES						
<b>MAURITIUS</b>	Cellplus Mauritius		230		No		Yes
	Emtel Ltd						
	Mahanagar Telephone (Mauritius) Ltd						
<b>MEXICO</b>	AT&T Comercializacion Movil, S. de R.L. de C.V.	(4G)	52	334	Yes		
	Pegaso PCS, S.A. de C.V.						
	Radiomovil Dipsa SA de CV (TELCEL)						
<b>MICRONESIA</b>	FSM Telecommunications Corporation		691350 & 691370		No		Yes
<b>MOLDOVA</b>	Moldcell SA		373		No		Yes
	Moldtelecom S.A.						
	Orange Moldova S.A.						
<b>MONACO</b>	Monaco Telecom SAM	(4G), (5G)	377	212	Yes		
<b>MONGOLIA</b>	MobiCom	(4G)	976	428	Yes		
	Skytel LLC						
	Unitel LLC						
<b>MONTENEGRO</b>	Crnogorski Telekom a.d. Podgorica	(4G)	382	297	Yes		
	MTEL D.O.O. PODGORICA						
	ONE Crna Gora DOO						
<b>MONTSERRAT</b>	Cable & Wireless West Indies Ltd (Montserrat)	(3G only)	1664	354	Yes		
<b>MOROCCO</b>	IAM		212		No		Yes
	Medi Telecom						
	Wana Corporate S.A.						
	Moçambique Telecom S.A (mcel)						

<b>MOZAMBIQUE</b>	MOVITEL S.A		258		No		Yes
	Vodacom Mozambique						
<b>MYANMAR</b>	Atom Myanmar Limited						
	Myanmar Posts and Telecommunications		95		No		Yes
	Ooredoo Myanmar Limited						
<b>NAURU</b>		(4G)	674	536	Yes		
<b>NAMIBIA</b>	MTC Namibia		264		No		Yes
	Telecom Namibia						
<b>NEPAL</b>	Ncell Private Limited		977		No		Yes
<b>NETHERLANDS</b>	KPN B.V.						
	T-Mobile Netherlands B.V	(4G), (5G)	31	204	Yes		
	Vodafone Libertel B.V.						
<b>NETHERLANDS ANTILLES</b>	Curacao Telecom N.V.						
	Setel NV		599		No	Yes	
	Telcell N.V.						
<b>NEW CALEDONIA</b>	OPT New Caledonia		687		No		Yes
<b>NICARAGUA</b>	Empresa Nicaraguense de Telecomunicaciones S.A. - ENITEL		505		No		Yes
	Telefonia Celular de Nicaragua S.A.						
<b>NIGER</b>	Celtel Niger						
	MOOV Africa Niger		227		No		Yes
	Orange Niger S.A						
<b>NIGERIA</b>	Airtel (Bharti) Networks Ltd Nigeria						
	Emerging Markets Telecommunication Services Ltd		234		No		Yes
	Globacom Ltd.						
	MTN Nigeria Communications Limited						
<b>NORWAY</b>	AeroMobile AS						
	Telenor Maritime AS						
	Telenor Norway	(4G)	47	242	Yes		
	Telia Norge AS						
	Oman Telecommunications Company SAOG						

<b>OMAN</b>	Omani Qatari Telecommunications Company SAOG		968		No	Yes
<b>PAKISTAN</b>	Mobilink-PMCL		92		No	Yes
	Pakistan Telecommunication Mobile Ltd					
	Telenor Pakistan (Pvt) Ltd.					
<b>PALESTINE</b>	Palestine Telecomm Co Ltd		970		No	Yes
	Wataniya Palestine Mobile Telecommunications Company					
<b>PANAMA</b>	Cable & Wireless Panama, S.A.	(4G)	507	714	Yes	
	Claro Panama S.A.					
	Digicel (Panama) S.A.					
	TELEFONICA MOVILES PANAMA, S.A.					
<b>PAPUA NEW GUINEA</b>	Bemobile Limited	(4G)	675	537	Yes	
	Digicel PNG Ltd.					
	Digitec Communications Limited, PNG					
<b>PARAGUAY</b>	AMX Paraguay S.A.		595		No	Yes
	Nucleo S.A					
	Telefonica Celular Del Paraguay S.A. (Telecel S.A.)					
<b>PERU</b>	America Movil Peru S.A.C	(4G)	51	716	Yes	
	Entel Perú S.A.					
	Telefonica del Peru SA.A.					
	VIETTEL PERU					
<b>PHILIPPINES</b>	Globe Telecom	(4G)	63	515	Yes	
	Smart Communications Inc					
<b>POLAND</b>	Orange Polska S.A	(4G), (5G)	48	260	Yes	
	P4 Sp. Z o. o					
	Polkomtel sp. Z o. o.					
	T-Mobile Polska					
<b>PORTUGAL</b>	MEO - Serviços de Comunicações e Multimédia SA	(4G), (5G)	351	268	Yes	
	NOS Comunicações S.A.					

	Vodafone - Portugal						
<b>PUERTO RICO</b>	Puerto Rico Telephone Company Inc.	(4G)	1787	330	Yes		
<b>QATAR</b>	Ooredoo Q.S.C.	(4G), (5G)	974	427	Yes		
	Vodafone Qatar Q.S.C.						
<b>REUNION</b>	Orange Reunion	(4G)	262	647	Yes		
	Societe Reunionnaise de Radiotelephone						
	Telco OI						
<b>ROMANIA</b>	Orange Romania SA	(4G)	40	226	Yes		
	Telekom Romania Mobile Communications S. A.						
	Vodafone - Romania						
<b>RUSSIA</b>	LLC "T2 Mobile" (Tele2, Russia RUST2)		7		No		Yes
	MegaFon, Open Joint Stock Company						
	MTS PJSC						
	PJSC VimpelCom						
<b>RWANDA</b>	Airtel Rwanda Limited		250		No		Yes
	MTN Rwandacell SARL						
	TIGO RWANDA S.A						
<b>SAINT KITTS &amp; NEVIS</b>	Cable & Wireless St Kitts & Nevis Limited	(4G)	1869	356	Yes		
<b>SAINT LUCIA</b>	Cable & Wireless Caribbean Cellular (St Lucia) Limited	(4G)	1758	358	Yes		
<b>SAINT MARTIN</b>	Dauphin Telecom		1758		No		
<b>SAINT VINCENT &amp; THE GRENADINES</b>	Cable & Wireless Caribbean Cellular (St. Vincent & the Grenadines) Ltd	(4G)	1784	360	Yes		
<b>SAMOA</b>	Bluesky Samoa Limited	(4G)	685	549	Yes		
	Digicel Samoa						
<b>SAO TOME &amp; PRINCIPE</b>	Companhia Santomense de Telecomunicacoes SARL		239		No		Yes
<b>SAUDI ARABIA</b>	Etihad Etisalat Company	(4G), (5G)	966	420	Yes		
	MTC Saudi Arabia						
	Saudi Telecom Company (STC)						
	Expresso Senegal S.A.						

<b>SENEGAL</b>	SENTEL GSM S.A.		221		No	Yes
	Sonatel					
<b>SERBIA</b>	AI Srbija d.o.o. Beograd	(4G)	381	220	Yes	
	Telekom Srbija					
	Yettel d.o.o Belgrade					
<b>SEYCHELLES</b>	Airtel Seychelles Ltd		248		No	Yes
	Cable & Wireless (Seychelles)					
<b>SIERRA LEONE</b>	LINTEL (Sierra Leone) Limited		232		No	Yes
	Orange Sierra Leone					
<b>SINGAPORE</b>	MI Limited	(4G)	65	525	Yes	
	Singtel Mobile Singapore Pte Ltd					
	StarHub Mobile Pte Ltd					
<b>SLOVAKIA</b>	O2 Slovakia, s.r.o.	(4G)	421	231	Yes	
	Orange Slovensko a.s.					
	Slovak Telekom, a.s.					
<b>SLOVENIA</b>	AI Slovenija	(4G)	386	293	Yes	
	Telekom Slovenije d.d.					
	Telemach Mobil d.o.o.					
<b>SOLOMON ISLANDS</b>	Bemobile (Solomon Islands) Limited		677		No	Yes
<b>SOMALIA</b>	Telesom Company		252		No	Yes
<b>SOUTH AFRICA</b>	MTN - Mobile Telephone Networks (Pty) Ltd.	(4G)	27	655	Yes	
	Telkom					
	Vodacom (Pty) Ltd.					
<b>SOUTH KOREA</b>	KT Corporation	(4G), (5G)	82	450	Yes	
	SK Telecom					
<b>SOUTH SUDAN</b>	The South Sudanese Mobile Telephone		211		No	Yes
<b>SPAIN</b>	Orange Espagne, S.A.	(4G), (5G)	34	214	Yes	
	Telefonica Moviles España S.A.					
	Vodafone - Spain					
	Xfera Moviles SA					
	Bharti Airtel Lanka (Private) Limited					

<b>SRI LANKA</b>	Dialog Telekom PLC						
	Hutchison Telecommunications Lanka (Pte) Limited		94		No	Yes	
	Mobitel (Pvt) Limited						
<b>SURINAME</b>	Digicel Suriname NV		597		No		Yes
	Telesur						
<b>SWAZILAND</b>	Swazi Mobile		268		No	Yes	
	Swazi MTN Limited						
<b>SWEDEN</b>	Hi3G Access AB	(4G), (5G)	46	240	Yes		
	Tele 2 AB						
	Telenor Sverige AB						
	TeliaSonera Mobile Networks AB Sweden						
<b>SWITZERLAND</b>	NE - OnAir Switzerland Sarl	(4G), (5G)	41	228	Yes		
	OnAir Switzerland Sarl						
	Salt Mobile SA						
	Sunrise UPC GmbH						
	Swisscom, Switzerland & Liechtenstein						
<b>TAIWAN</b>	Chunghwa Telecom	(4G), (5G)	886	466	Yes		
	Taiwan Mobile Co.Ltd						
<b>TAJIKISTAN</b>	CJSC Babilon-Mobile		992		No		Yes
	Indigo Tajikistan						
	Tacom LLC						
<b>THAILAND</b>	Advanced Wireless Network Company Limited	(4G), (5G)	66	520	Yes		
	dtac TriNet Co., Ltd.						
	True Move H Universal Communication						
<b>TOGO</b>	Moov Africa TOGO SA		228		No		yes
	Togo Telecom						
<b>TONGA</b>	Digicel (Tonga) Limited	(4G)	676	539	Yes		
	Tonga Communications Corporation						
<b>TRINIDAD &amp; TOBAGO</b>	Digicel Trinidad and Tobago Ltd		1868		No		Yes
	Telecommunications Services of Trinidad and Tobago Ltd						

<b>TUNISIA</b>	Ooredoo Tunisie SA						
	Orange Tunisie		216		No		Yes
	Tunisie Telecom						
<b>TURKEY</b>	Avea Iletisim Hizmetleri A.S.						
	Turkcell Iletisim Hizmetleri A.S.	(4G), (5G)	90	286	Yes		
	Vodafone Telekomunikasyon A.S						
<b>TURKMENISTAN</b>	Altyn Asyr MC		993		No		Yes
<b>TURKS &amp; CAICOS ISLANDS</b>	Cable & Wireless West Indies Ltd (Turks & Caicos)	(4G)	1649	376	Yes		
	Digicel Turks & Caicos						
<b>UGANDA</b>	Airtel Uganda Limited						
	MTN Uganda Ltd		256		No		Yes
	Suretelcom (U) Ltd						
<b>UKRAINE</b>	Kyivstar GSM JSC						
	Lifecell LLC						
	PrJSC VF Ukraine		380		No		Yes
	TriMob LLC						
<b>UNITED ARAB EMIRATES</b>	Emirates Integrated Telecommunications Company PJSC						
	Emirates Telecommunications Group Company PJSC (Etisalat)		971		No	Yes	
	Thuraya Telecommunications Company						
<b>UNITED KINGDOM: ENGLAND NORTHERN IRELAND SCOTLAND WALES</b>	EE Limited						
	EE Ltd						
	Hutchison 3G UK Ltd	(4G)	44	234	Yes		
	Telefónica O2 UK Limited						
	Vodafone - UK						
<b>TANZANIA</b>	Airtel Tanzania Limited						
	MIC Tanzania Limited						
	Vodacom Tanzania Limited		255		No	Yes	
	Zanzibar Telecom Public Limited Company. (Zantel).						

<b>UNITED STATES - including Hawaii and Alaska</b>	Alaska Wireless Network LLC. (AWN)	(4G), (5G)	1	310	Yes		
	AT&T Mobility						
	Bug Tussel Wireless, LLC						
	Commnet Wireless, LLC						
	Indigo Wireless, INC						
	Limitless Mobile LLC						
	Manx Telecom North American Sponsored Network						
	New Dimension Wireless Ltd						
	NewCore Wireless, LLC						
	North East Colorado Cellular, Inc (NECCI)						
	Plateau Telecommunicaitons Inc.						
	T-Mobile USA, Inc						
	Union Telephone Company						
<b>URUGUAY</b>	AM Wireless Uruguay S.A.	(4G)	598	748	Yes		
	ANTEL						
	Telefonica Moviles Del Uruguay S.A.						
<b>UZBEKISTAN</b>	Coscom		998		No		Yes
	UMS						
	Unitel LLC						
	Uzbektelecom						
<b>VANUATU</b>	Digicel (Vanuatu) Ltd	(4G)	678	541	Yes		
	TELECOM VANUATU LIMITED						
<b>VENEZUELA</b>	Telefónica Venezolana C.A.	(3G only)	58	734	Yes		
<b>VIETNAM</b>	Hanoi Telecom Joint Stock Company	(4G)	84	452	Yes		
	Vietnam Telecom Services Company (GPC)						
	Viettel Corporation						
	VNPT International						
<b>VIRGIN ISLANDS - BRITISH</b>	Cable & Wireless (West Indies) Limited	(4G)	1284	348	Yes		
	Caribbean Cellular Telephone						
	Digicel (BVI) Limited						
<b>VIRGIN ISLANDS - US</b>		(4G)	1340	310	Yes		

<b>YEMEN</b>	Sabafon Yemen		967		No		Yes
	YOU (Yemen Oman United) Telecom						
<b>ZAMBIA</b>	Airtel Networks Zambia Plc.		260		No		Yes
	MTN (Zambia) Ltd						
	Zambia Telecommunications Company Ltd (ZAMTEL)						
<b>ZIMBABWE</b>	Econet Wireless (Private) Limited		263		No		Yes
	NET-ONE						
	Telecel Zimbabwe (PVT) Ltd						