

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Afghanistan	412	040	MTN Afghanistan		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Angola	631	002	Unitel S.A.		1F Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Anguilla	365	840	Cable and Wireless (Anguilla) Lt		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Albania	276	001	One Telecommunications sh.a		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Caribbean Netherl:	362	069	Curaçao Telecom N.V.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Caribbean Netherl:	362	091	UTS N.V.		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Arab Emirat	424	003	Emirates Integrated Telecommu		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Satellite operators	901	005	Thuraya telecommunication co.		8 Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Argentina	722	007	Telefónica Móviles Argentina S.		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Argentina	722	036	Telecom Argentina S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Armenia	283	001	VEON Armenia CJSC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Armenia	283	005	MTS Armenia CJSC		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Antigua and Barbu	344	920	Cable & Wireless Antigua & Bar		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Australia	505	002	SingTel Optus Pty Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Australia	505	001	Telstra Corporation Limited		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Austria	232	010	Hutchison Drei Austria GmbH		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Austria	232	019	T-Mobile Austria GmbH		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Azerbaijan	400	001	Azercell Telecom LLC		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Azerbaijan	400	002	Bakcell Limited Liabile Company		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Burundi	642	008	Viettel Group		1F Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Belgium	206	010	Orange Belgium		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belgium	206	001	Proximus PLC		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Benin	616	003	Spacetel-Benin		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Burkina Faso	613	002	Orange Burkina Faso S.A		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bangladesh	470	002	Robi Axiata Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bangladesh	470	001	Grameenphone Ltd		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bulgaria	284	005	Telenor Bulgaria EAD		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bulgaria	284	003	Bulgarian Telecommunications (		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahrain	426	005	Bahrain Telecommunications Cc		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahrain	426	004	STC Bahrain B.S.C Closed		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahamas	364	390	The Bahamas Telecommunicati		1B Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Bosnia and Herzeg	218	003	Public Enterprise Croatian Telec		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bosnia and Herzeg	218	005	RS Telecommunications JSC B		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belarus	257	002	JLLC Mobile TeleSystems		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belarus	257	001	Unitary enterprise A1		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belize	702	067	Belize Telemedia Limited		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bermuda	350	000	Bermuda Digital Communication		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bolivia, The Plurin	736	001	Nuevatel PCS de Bolivia S.A.		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brazil	724	003	TIM S.A.		1E Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Barbados	342	600	Cable & Wireless (Barbados) Ltr		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brunei	528	003	Datastream Technology Sdn Bh		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bhutan	402	077	Tashi InfoComm Ltd, Thimphu		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Botswana	652	001	Mascom Wireless (Pty) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Botswana	652	002	Orange Botswana (Pty) Ltd		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Central African Rep	623	003	Orange Centrafic		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Canada	302	610	Bell Mobility Inc.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Canada	302	720	Rogers Wireless		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Canada	302	880	SaskTel		1B Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Canada	302	220	Telus Communications Inc.		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Canada	302	520	Videotron Ltd		1B Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Switzerland	228	001	Swisscom (Switzerland) Ltd		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Switzerland	228	002	Sunrise Communications AG		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Switzerland	228	003	Salt Mobile SA		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chile	730	019	Entel PCS Telecomunicaciones		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chile	730	002	Telefónica Móvil de Chile S.A.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
China	460	007	China Mobile Limited		1C Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
China	460	001	China Unicom		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ivory Coast	612	003	Orange Cote D'Ivoire S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ivory Coast	612	005	MTN Cote d'Ivoire S.A		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cameroon	624	002	Orange Cameroun SA		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cameroon	624	001	MTN Cameroon Ltd		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republ	630	090	Africell RDC sprl		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Democratic Republ	630	002	Airtel Congo RDC SA		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republ	630	001	Vodacom Congo (RDC) S.A.		1G Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Republic of the Co	629	001	Airtel Congo SA		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Republic of the Co	629	010	MTN Congo S.A		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Colombia	732	123	Colombia Telecomunicaciones S		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cape Verde	625	001	CVMóvel, S.A.		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cape Verde	625	002	Unitel T+ Telecomunicações, Sc		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	712	003	Claro CR Telecomunicaciones, S		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	712	001	Instituto Costarricense de Electr		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	712	004	Telefónica de Costa Rica TC, S.		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cuba	368	001	Empresa de Telecomunicacione		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cayman Islands	346	140	Cable and Wireless (Cayman Isl		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cyprus	280	001	Cyprus Telecommunications Aut		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cyprus	280	010	EPIC Ltd.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Czech Republic	230	002	O2 Czech Republic a.s.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Czech Republic	230	001	T-Mobile Czech Republic a.s.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Germany	262	001	Telekom Deutschland GmbH		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Germany	262	007	Telefónica Germany GmbH & Co		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Dominica	366	110	Cable & Wireless Dominica Limit		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Denmark	238	077	Telenor A/S		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Denmark	238	030	Telia Nattjanster Norden AB		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Dominican Republi	370	004	Trilogy Dominicana S.A.		1G Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Dominican Republi	370	002	Compañía Dominicana de Teléfi		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Algeria	603	002	Optimum Telecom Algeria Spa		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Algeria	603	003	Wataniya Télécom Algérie		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ecuador	740	000	Otecel Sociedad Anónima		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ecuador	740	001	Conecel S.A. (Consortio Ecuato		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Egypt	602	001	Orange Egypt for Telecommunic		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Spain	214	003	Orange Espagne, S.A., socieda		1A Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Spain	214	007	Telefónica Móviles España S.A.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Estonia	248	001	Telia Eesti AS		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Estonia	248	003	Tele2 Eesti Aktsiaselts		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Estonia	248	002	Elisa Eesti AS		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ethiopia	636	001	Ethio Telecom		7 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Finland	244	003	DNA Plc		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Finland	244	014	Ålands Telekommunikation Ab		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Finland	244	091	Telia Finland Oyj		2 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Fiji	542	002	Digicel (Fiji) Ltd		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Fiji	542	001	Vodafone Fiji Pte Limited		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
France	208	031	Orange		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
France	208	088	Bouygues Télécom		2 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guadeloupe	340	020	Digicel Antilles Française Guyan		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Réunion	647	010	Société Réunionnaise du Radio		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
French Polynesia	547	020	Onati S.A.S.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Faroe Islands	288	001	Føroya Tele (Faroese Telecom)		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gabon	628	001	Libertis S.A.		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gabon	628	003	Celstel Gabon S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	234	003	Jersey Airtel Limited		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	234	010	Telefónica UK Limited		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	234	055	Sure (Guernsey) Limited		1H Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	234	020	Hutchison 3G UK Limited		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	234	033	EE Limited		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Georgia	282	001	Silknet JSC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ghana	620	002	Vodafone Ghana		1G Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Ghana	620	001	Scancom PLC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gibraltar	266	001	Gibtelecom Limited		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guinea	611	004	Areeba Guinée S.A.		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guadeloupe	340	001	Orange Caraïbe		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guadeloupe	340	008	Dauphin		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gambia	607	001	Gambia Telecommunications Ce		1E Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Gambia	607	002	Africell (Gambia) Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guinea-Bissau	632	002	Spacetel Guinée-Bissau SA		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Equatorial Guinea	627	003	Muni S.A.		1G Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Greece	202	001	Cosmote Mobile Telecommunicat		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Greece	202	010	Wind Hellas Telecommunication		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Grenada	352	110	Cable & Wireless Grenada Limit		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Greenland	290	001	Tele Greenland A/S		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guatemala	704	002	Comunicaciones Celulares S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guatemala	704	003	Telecomunicaciones de Guater		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
French Guiana	340	002	Outremer Télécom		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guam	310	470	Docomo Pacific, Inc.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guyana	738	002	Guyana Telephone and Telegra		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guyana	738	001	U-Mobile (Cellular) Inc		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	454	000	Hong Kong Telecommunication		1B Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	454	006	SmarTone Mobile Communicati		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Honduras	708	002	Telefónica Celular, S.A. (CELTE		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Honduras	708	001	Servicios de Comunicaciones de		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Croatia	219	001	Hrvatski Telekom d.d.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Croatia	219	002	Tele2 d.o.o za telekomunikacijsl		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Haiti	372	003	National Telecom S.A		1F Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Hungary	216	001	Telenor Magyarország Zártkörű		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Hungary	216	030	Magyar Telekom Nyrt.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Indonesia	510	001	PT Indosat Tbk		1F Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Indonesia	510	010	PT Telekomunikasi Selular		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
India	405	040	Bharti Airtel Limited		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ireland	272	005	Three Ireland (Hutchison) Limite		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ireland	272	003	Meteor Mobile Communications		2 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iran	432	011	Mobile Telecommunication Com		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iran	432	020	Rightel Communication Services		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iraq	418	005	Asiacell Communications PJSC		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iceland	274	011	Nova ehf.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iceland	274	012	Siminn h.f.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Israel	425	001	Partner Communications Comp		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Israel	425	002	Cellcom Israel Ltd.		1F Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Israel	425	003	Pelephone Communication Ltd.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jamaica	338	180	Cable & Wireless Jamaica Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jamaica	338	050	Digicel (Jamaica) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	416	001	Jordan Mobile Telephone Service		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	416	077	Petra Jordanian Mobile Telecommunications		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	416	003	Umniah Mobile Company		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Japan	440	010	NTT DOCOMO, Inc.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Japan	440	020	SoftBank Corp.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kosovo	221	002	IPKO Telecommunications LLC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	401	077	Mobile Telecom-Service LLP		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	401	001	KaR-Tel LLP		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	401	002	Kcell JSC		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kenya	639	003	Airtel Networks Kenya Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kenya	639	002	Safaricom PLC		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kyrgyzstan	437	005	JSC Alfa Telecom		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cambodia	456	001	CamGSM Co.Ltd.		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Saint Kitts and Nevis	356	110	Cable & Wireless St Kitts & Nevis		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Korea	450	008	KT Corporation		4 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Korea	450	005	SK Telecom Co., Ltd.		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kuwait	419	004	Kuwait Telecom Company (K.S.C.)		1F Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Laos	457	003	Star Telecom Company Limited		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Laos	457	001	Lao Telecommunication Public Company		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Laos	457	008	VimpelCom Lao Company Ltd.		1C Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Lebanon	415	003	Mobile Interim Company 2 (MIC2)		6 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Liberia	618	007	Orange Liberia		1H Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Liberia	618	001	Lonestar Communications Corporation		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Libya	606	000	Libyana Mobile Phone		1B Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Saint Lucia	358	110	Cable & Wireless (St. Lucia) Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Liechtenstein	295	005	Telecom Liechtenstein AG		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Liechtenstein	295	002	Salt (Liechtenstein) AG		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Sri Lanka	413	001	Mobitel (Pvt) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sri Lanka	413	002	Dialog Axiata Plc		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lithuania	246	003	UAB Tele2		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lithuania	246	001	Telia Lietuva AB		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Luxembourg	270	077	Proximus Luxembourg S.A		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Luxembourg	270	099	Orange Communications Luxerr		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Latvia	247	002	Tele2 SIA		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Latvia	247	007	Latvijas Mobilais Telefons		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Macao	455	001	Companhia de Telecomunicaçõ		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Morocco	604	001	Itissalat Al-Maghrib S.A.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Morocco	604	000	Médi Télécom		4 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Monaco	212	001	Monaco Telecom S.A.M.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Monaco	212	010	Monaco Telecom S.A.M.		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Moldova	259	002	Moldcell S.A		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Moldova	259	001	Orange Moldova S.A.		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	646	002	Orange Madagascar S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	646	001	Airtel Madagascar SA		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	646	004	Telecom Malagasy s.a.		6 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Maldives	472	002	Ooredoo Maldives Public Limite		7 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mexico	334	030	Pegaso PCS, S.A. de C.V.		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mexico	334	020	Radiomóvil Dipsa, S.A. de C.V.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
North Macedonia	294	001	Makedonski Telekom AD - Skop		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
North Macedonia	294	003	A1 Makedonija DOOEL Skopje		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mali	610	001	Malitel - SA		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malta	278	077	Melita Ltd.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malta	278	001	Vodafone Malta Limited		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Montenegro	297	001	Telenor d.o.o. Podgorica		1B Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Montenegro	297	002	Crnogorski Telekom a.d. Podgo		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mongolia	428	099	MobiCom Corporation		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mongolia	428	088	Unitel LLC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mongolia	428	001	Skytel LLC		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Mozambique	643	004	Vodacom Moçambique, S.A.		1F Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mozambique	643	001	Viettel Group		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mauritania	609	002	Chinguitel S.A.		4 Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritania	609	010	Mauritanienne des Télécommun		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Montserrat	354	860	Cable and Wireless (West Indies)		1E Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritius	617	001	Cellplus Mobile Communications		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mauritius	617	010	Emtel Ltd		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mauritius	617	003	Mahanagar Telephone (Mauritiu		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malawi	650	010	Airtel Malawi Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malaysia	502	012	Maxis Broadband Sdn. Bhd.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malaysia	502	158	Digi Telecommunications Sdn B		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Namibia	649	001	Mobile Telecommunications Lim		6 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Namibia	649	003	Telecom Namibia Limited		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Niger	614	002	Celtel Niger S.A.		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Niger	614	003	Telecel Niger SA		1D Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Nigeria	621	030	MTN Nigeria Communications Li		1E Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Nicaragua	710	073	Empresa Nicaraguense de Tele		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nicaragua	710	300	Telefonia Celular de Nicaragua		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Netherlands	204	002	T-Mobile Netherlands B.V.		1A Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Netherlands	204	012	KPN B.V.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Norway	242	005	Telia Norge AS		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Norway	242	001	Telenor Norge AS		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nepal	429	001	Nepal Doorsanchar Company Li		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
New Zealand	530	001	Vodafone New Zealand Ltd		1F Live	Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable
New Zealand	530	005	Spark New Zealand		1G Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Oman	422	002	Oman Telecommunications Cor		1H Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Pakistan	410	001	Pakistan Mobile Communication		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Panama	714	004	Digicel (Panama) S.A.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Panama	714	020	Grupo De Comunicaciones Digit		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Peru	716	006	Telefónica del Perú S.A.A.		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Peru	716	010	América Móvil Perú, S.A.C.		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable



Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Philippines	515	002	Globe Telecom, Inc.		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Philippines	515	003	Smart Communications, Inc.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Papua New Guinea	537	003	Digicel (PNG) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	260	002	T-Mobile Polska S.A.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	260	003	Orange Polska S.A.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Puerto Rico	330	110	Puerto Rico Telephone Compar		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Portugal	268	003	NOS – Comunicações, S.A.		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Portugal	268	006	MEO - Serviços de Comunicaçõ		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Paraguay	744	002	AMX Paraguay S.A.		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Paraguay	744	005	Núcleo S.A.		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Paraguay	744	004	Telefonica Celular Del Paraguay		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
French Polynesia	547	015	Pacific Mobile Telecom		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Qatar	427	002	Vodafone Qatar Q.S.C.		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Réunion	647	000	Orange Réunion		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Romania	226	003	Telekom Romania Mobile Comr		2 Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Romania	226	010	S.C. Orange România S.A.		1A Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Russia	250	001	PJSC Mobile TeleSystems (MTS		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Rwanda	635	010	MTN RwandaCell S.A.R.L.		1C Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Rwanda	635	013	Bharti Airtel Rwanda Holdings B		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Saudi Arabia	420	005	Saudi Telecom Company (STC)		1H Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sudan	634	002	MTN Sudan		1C Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Senegal	608	001	Société Nationale des Télécomr		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Senegal	608	002	SAGA AFRICA HOLDING LIMIT		1F Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Singapore	525	005	StarHub Mobile Pte Ltd		1H Unavailable	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Singapore	525	007	SingTel Mobile Singapore Pte. I		1C Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Saint Helena, Ascen	658	001	Sure South Atlantic (St Helena)		1C Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sierra Leone	619	005	Africell Sierra Leone Limited		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sierra Leone	619	001	Orange (SL) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
El Salvador	706	002	Digicel, S.A. de C.V.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
El Salvador	706	001	CTE Telecom Personal, S.A. de		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
El Salvador	706	004	Telefónica Móviles El Salvador,		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Serbia	220	005	Vip mobile d.o.o.	1E	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Suriname	746	003	Digicel Suriname N.V.	1C	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Slovakia	231	001	Orange Slovensko, a.s.	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovakia	231	006	O2 Slovakia, s.r.o.	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovenia	293	040	A1 Slovenija, d.d.	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovenia	293	070	Telemach d.o.o.	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sweden	240	024	Telenor Sverige AB	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sweden	240	010	Tele2 AB	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sweden	240	001	Telia Company AB	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Swaziland	653	010	Swazi MTN Limited	1D	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Seychelles	633	010	Airtel (Seychelles) Limited	1E	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Syria	417	001	Syriatel Mobile Telecom SA	1C	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Turks and Caicos I	376	350	Cable and Wireless (TCI) Ltd	1E	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chad	622	001	Airtel Tchad	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chad	622	003	Millicom Tchad SA	1E	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Togo	615	003	Telecel Togo	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Thailand	520	018	dtac TriNet Co., Ltd.	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Thailand	901	003	Advanced Wireless Network Cor	1F	Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republ	514	001	PT Telekomunikasi Indonesia In	1H	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tonga	539	088	Digicel (Tonga) Limited	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Trinidad and Tobago	374	130	Digicel Trinidad and Tobago Ltd	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tunisia	605	001	Orange Tunisie, SA	1E	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tunisia	605	002	Tunisie Telecom	1C	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Turkey	286	003	TT Mobil Iletisim Hizmetleri A.S.	1C	Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Taiwan	466	092	Chunghwa Telecom	1F	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Taiwan	466	099	Taiwan Mobile Co.Ltd	7	Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Taiwan	466	089	Taiwan Star Telecom Corporatic	1G	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tanzania	640	005	Airtel Tanzania Limited	1C	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tanzania	640	002	MIC Tanzania Limited	1G	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tanzania	640	004	Vodacom Tanzania Limited	1D	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tanzania	640	003	Zanzibar Telecom Public Limitec	1F	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

Country	MCC	MNC	Operator	ZONE	Voice_State	2G_State	3G_State	4G_State	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Uganda	641	022	Airtel Uganda Limited		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uganda	641	010	MTN Uganda Ltd		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uruguay	748	010	AM Wireless Uruguay S.A.		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uruguay	748	007	Telefónica Móviles Del Uruguay		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of A	310	170	AT&T Mobility		1C Unavailable	Unavailable	Unavailable	Live	Unavailable	Unavailable	Unavailable
United States of A	310	450	NE Colorado Cellular, Inc		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of A	310	370	The Alaska Wireless Network, LI		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of A	316	260	T-Mobile USA, Inc		1D Unavailable	Unavailable	Unavailable	Live	Unavailable	Unavailable	Unavailable
Uzbekistan	434	005	Coscom LLC		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uzbekistan	434	004	Unitel LLC		1G Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Saint Vincent and	360	110	Cable & Wireless (St. Vincent &		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Venezuela	734	004	Telefónica Venezolana, C.A.		1H Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
British Virgin Island	348	170	Cable and Wireless (BVI) Ltd		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
British Virgin Island	348	770	Digicel (BVI) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Vietnam	452	002	Vietnam Posts and Telecommur		1D Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Vietnam	452	003	Viettel Group		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Samoa	549	000	Digicel (Samoa) Limited		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Serbia	220	001	Telenor d.o.o.		1B Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Africa	655	007	Cell C (Pty) Ltd		1H Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Africa	655	010	Mobile Telephone Networks (Pt)		1E Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Africa	655	001	Vodacom (Pty) Ltd.		1C Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Zambia	645	003	Zambia Telecommunications Co		8 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable
Zimbabwe	648	003	Telecel Zimbabwe (PVT) Ltd		6 Unavailable	Live	Live	Live	Unavailable	Unavailable	Unavailable