

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Aeronautical operators	SITA OnAir Switzerland Sarl	901	015	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Aeronautical operators	AeroMobile AS	901	014	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Afghanistan	Telecom Development Company Afghanistan Limited	412	020	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Afghanistan	Afghan Wireless Communication Company	412	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Albania	Vodafone - Albania	276	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Albania	ALBtelecom sh.a.	276	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Algeria	Optimum Telecom Algeria Spa	603	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Algeria	ATM Mobilis	603	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Algeria	Wataniya Télécom Algérie	603	003	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
American Samoa	Bluesky communications	544	110	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Andorra	Andorra Telecom, S.A.U.	213	003	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Angola	Unitel S.A.	631	002	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Angola	Movicel - Telecomunicações, S.A.	631	004	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Anguilla	Cable and Wireless (Anguilla) Ltd	365	840	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Antigua and Barbuda	Cable & Wireless Antigua & Barbuda Ltd	344	920	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Argentina	AMX Argentina S.A.	722	310	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Argentina	Telecom Argentina S.A.	722	036	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Argentina	Telefónica Móviles Argentina S.A.	722	007	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Armenia	MTS Armenia CJSC	283	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Armenia	Ucom	283	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Armenia	VEON Armenia CJSC	283	001	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Aruba	Servicio di Telecomunicacion di Aruba	363	078	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Australia	Vodafone Hutchison Australia Pty Limited	505	003	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Australia	SingTel Optus Pty Limited	505	002	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Australia	Telstra Corporation Limited	505	001	1B	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable
Austria	A1 Telekom Austria AG	232	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Austria	Hutchison Drei Austria GmbH	232	010	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Austria	T-Mobile Austria GmbH	232	019	3	Live	Live	Live	Live	Live	Live	Unavailable
Azerbaijan	Bakcell Limited Liabe Company	400	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Azerbaijan	Azercell Telecom LLC	400	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Bahamas	The Bahamas Telecommunications Company Ltd.	364	390	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahamas	Be Aliv Limited	364	049	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahrain	Zain Bahrain B.S.C	426	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bahrain	Bahrain Telecommunications Company (B.S.C.)	426	005	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Bahrain	STC Bahrain B.S.C Closed	426	004	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Bangladesh	Robi Axiata Limited	470	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bangladesh	Grameenphone Ltd	470	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bangladesh	Banglalink Digital Communications Ltd.	470	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Barbados	Cable & Wireless (Barbados) Ltd	342	600	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belarus	JLLC Mobile TeleSystems	257	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Belarus	Unitary enterprise A1	257	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Belarus	Belarusian Telecommunications Network CJSC	257	004	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Belgium	Orange Belgium	206	010	2	Live	Live	Live	Live	Live	Unavailable	Unavailable
Belgium	Proximus PLC	206	001	1A	Live	Live	Live	Live	Live	Unavailable	Unavailable
Belgium	Base	206	020	2	Live	Live	Live	Live	Live	Live	Live
Belize	Belize Telemedia Limited	702	067	8	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Benin	Spacotel-Benin	616	003	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Benin	Etisalat Benin SA	616	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bermuda	Bermuda Digital Communications Ltd.	350	000	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bhutan	Tashi InfoComm Ltd, Thimphu	402	077	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bolivia, The Plurinational State of	Nuevatel PCS de Bolivia S.A.	736	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bolivia, The Plurinational State of	Telefonica Celular de Bolivia S.A.	736	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bosnia and Herzegovina	BH Telecom JSC Sarajevo	218	090	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bosnia and Herzegovina	RS Telecommunications JSC Banja Luka	218	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Botswana	Mascom Wireless (Pty) Limited	652	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Botswana	Orange Botswana (Pty) Ltd	652	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brazil	Claro S.A.*	724	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brazil	TIM S.A.*	724	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brazil	Oi Móvel S.A.*	724	031	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Brazil	Vivo S.A.*	724	011	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
British Virgin Islands	Cable and Wireless (BVI) Ltd	348	170	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
British Virgin Islands	Caribbean Cellular Telephone	348	570	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Brunei	Datastream Technology Sdn Bhd	528	003	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Bulgaria	A1 Bulgaria EAD	284	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bulgaria	Telenor Bulgaria EAD	284	005	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Bulgaria	Bulgarian Telecommunications Company EAD	284	003	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Burkina Faso	Onatel	613	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Burkina Faso	Orange Burkina Faso S.A	613	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Burundi	Econetleo	642	082	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Cambodia	Smart Axiata Co., Ltd.	456	005	1B	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Cambodia	CamGSM Co.Ltd.	456	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cameroon	Orange Cameroun SA	624	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cameroon	MTN Cameroon Ltd	624	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Canada	Videotron Ltd	302	520	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Canada	SaskTel***	302	880	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Canada	Bell Mobility Inc.***	302	610	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Canada	Telus Communications Inc.***	302	220	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Cape Verde	CVMóvel, S.A.	625	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Cape Verde	Unitel T+ Telecomunicações, Sociedade Unipessoal S.A.	625	002	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Caribbean Netherlands	Curaçao Telecom N.V.	362	069	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Caribbean Netherlands	Telcell N.V.	362	051	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Caribbean Netherlands	UTS N.V.	362	091	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Cayman Islands	Cable and Wireless (Cayman Islands) Ltd	346	140	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Central African Republic	Atlantique Telecom Centrafrique SA	623	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Central African Republic	Orange Centrafric	623	003	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Chad	Airtel Tchad	622	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chad	Millicom Tchad SA	622	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chile	Claro Chile SA	730	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chile	Entel PCS Telecomunicaciones S.A.	730	019	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Chile	Telefónica Móvil de Chile S.A.	730	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
China	China Unicom*	460	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
China	China Mobile Limited*	460	007	1B	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Colombia	Comunicacion Celular S.A (Comcel S.A)	732	101	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Colombia	Colombia Movil S.A.	732	103	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Colombia	Colombia Telecomunicaciones S.A. ESP	732	123	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cook Islands	Telecom Cook Islands Limited	548	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	Claro CR Telecomunicaciones, S.A.	712	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	Telefónica de Costa Rica TC, S.A.	712	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Costa Rica	Instituto Costarricense de Electricidad - ICE	712	001	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Croatia	Tele2 d.o.o za telekomunikacijske usluge	219	002	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Croatia	A1 Hrvatska d.o.o	219	010	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Croatia	Hrvatski Telekom d.d.	219	001	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cuba	Empresa de Telecomunicaciones de Cuba, SA (ETECSA)	368	001	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Cyprus	Cyprus Telecommunications Authority	280	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Cyprus	EPIC Ltd.	280	010	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Cyprus	PrimeTel PLC	280	020	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Czech Republic	Vodafone Czech Republic a.s.	230	003	1A	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Czech Republic	O2 Czech Republic a.s.	230	002	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Czech Republic	T-Mobile Czech Republic a.s.	230	001	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republic of the Congo	Vodacom Congo (RDC) S.A.	630	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republic of the Congo	Airtel Congo RDC SA	630	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Democratic Republic of the Congo	Orange RDC Sarl	630	089	3	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Democratic Republic of the Congo	Africell RDC sprl	630	090	4	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Democratic Republic of Timor-Leste	PT Telekomunikasi Indonesia International	514	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Denmark	HI3G Denmark ApS	238	006	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Denmark	Telia Nattjanster Norden AB	238	030	2	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Denmark	Telenor A/S	238	077	1A	Live	Live	Unavailable	Live	Live	Live	Unavailable
Denmark	Nuuday A/S	238	001	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Djibouti	Djibouti Telecom S.A.	638	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Dominica	Cable & Wireless Dominica Limited	366	110	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Dominican Republic	Altice Dominicana, S.A.	370	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Dominican Republic	Compañía Dominicana de Teléfonos, S.A.	370	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Dominican Republic	Trilogy Dominicana S.A.	370	004	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Ecuador	Conecel S.A. (Consortio Ecuatoriano de Telecomunicaciones S.A.)	740	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ecuador	Otecel Sociedad Anónima	740	000	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Egypt	Vodafone Egypt Telecommunications S.A.E	602	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Egypt	Orange Egypt for Telecommunications	602	001	3	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
El Salvador	Telemovil El Salvador, S.A.	706	003	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
El Salvador	Telefónica Móviles El Salvador, S.A de C.V.	706	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
El Salvador	Digicel, S.A. de C.V.	706	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
El Salvador	CTE Telecom Personal, S.A. de C.V.	706	001	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Equatorial Guinea	Muni S.A.	627	003	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Estonia	Elisa Eesti AS	248	002	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Estonia	Telia Eesti AS	248	001	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Estonia	Tele2 Eesti Aktiaselts	248	003	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ethiopia	Ethio Telecom	636	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Faroe Islands	Føroya Tele (Faroese Telecom)	288	001	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Fiji	Digicel (Fiji) Ltd	542	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Fiji	Vodafone Fiji Pte Limited	542	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Finland	Ålands Telekommunikation Ab	244	014	1A	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Finland	Telia Finland Oyj	244	091	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Finland	DNA Plc	244	003	2	Live	Live	Live	Live	Live	Live	Live
Finland	Elisa Corporation	244	005	1A	Live	Live	Live	Live	Unavailable	Live	Live
France	Société Française du Radiotéléphone S.A.	208	011	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
France	Orange	208	031	2	Live	Live	Live	Live	Live	Unavailable	Unavailable
France	Bouygues Télécom	208	088	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
France	Free Mobile	208	016	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
French Guiana	Outremer Télécom	340	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
French Polynesia	Onati S.A.S.	547	020	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
French Polynesia	Pacific Mobile Telecom	547	015	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gabon	Celcel Gabon S.A.	628	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gabon	Libertis S.A.	628	001	6	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gambia	Africell (Gambia) Limited	607	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Gambia	QCell	607	004	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Georgia	Magticom Ltd	282	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Georgia	Veon Georgia LLC	282	004	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Georgia	Silknet JSC	282	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Germany	Vodafone GmbH	262	002	1A	Live	Live	Live	Live	Live	Live	Live
Germany	Telekom Deutschland GmbH	262	001	2	Live	Live	Live	Live	Live	Live	Live
Germany	Telefónica Germany GmbH & Co. OHG	262	007	2	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Ghana	Vodafone Ghana	620	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ghana	Scancom PLC	620	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Ghana	Airtel Ghana Limited	620	006	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Ghana	Glo Mobile Ghana Limited	620	007	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Gibraltar	Gibtelecom Limited	266	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
	Vodafone-Panafon Hellenic Telecommunications Company S.A.	202	005	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Greece	Wind Hellas Telecommunications S.A.	202	010	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Greece	Cosmote Mobile Telecommunications S.A.	202	001	3	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
Greenland	Tele Greenland A/S	290	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Grenada	Cable & Wireless Grenada Limited	352	110	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guadeloupe	Orange Caraïbe	340	001	1B	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Guadeloupe	Dauphin	340	008	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guadeloupe	Digicel Antilles Française Guyane	340	020	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guam	PTI Pacifica Inc.	310	110	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guam	Teleguam Holdings, LLC	310	140	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Guam	Docomo Pacific, Inc.	310	470	8	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Guatemala	Comunicaciones Celulares S.A.	704	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guatemala	Telecomunicaciones de Guatemala, S.A. (TELGUA)	704	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Guinea	Areeba Guinée S.A.	611	004	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guinea	Orange Guinée S.A.	611	001	4	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guinea-Bissau	Spacetel Guinée-Bissau SA	632	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guyana	U-Mobile (Cellular) Inc	738	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Guyana	Guyana Telephone and Telegraph Company	738	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Haiti	National Telecom S.A	372	003	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Honduras	Servicios de Comunicaciones de Honduras S.A. de C.V.	708	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Honduras	Telefónica Celular, S.A. (CELTEL)	708	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	SmarTone Mobile Communications Limited	454	006	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	Hutchison Telecommunications Hong Kong Holdings Limited	454	004	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	China Mobile Hong Kong Company Limited	454	013	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Hong Kong	Hong Kong Telecommunications (HKT) Limited	454	000	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Hungary	Vodafone Hungary Ltd.	216	070	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Hungary	Telenor Magyarország Zártkörűen Működő Részvénytársaság	216	001	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Hungary	Magyar Telekom Nyrt.	216	030	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iceland	Sýn hf.	288	002	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iceland	Nova ehf.	274	011	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Iceland	Siminn h.f.	274	012	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
India	Vodafone Idea Limited	404	046	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
India	Vodafone Idea Limited	404	078	1B	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable
India	Bharti Airtel Limited	405	040	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
India	Mahanagar Telephone Nigam Limited	404	069	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Indonesia	PT Telekomunikasi Selular	510	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Indonesia	PT. XL Axiata Tbk	510	008	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Indonesia	PT. Indosat Tbk	510	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Indonesia	PT. Hutchison 3 Indonesia	510	089	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iran	Mobile Telecommunication Company of Iran	432	011	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iraq	Atheer Telecommunications Iraq Limited	418	030	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iraq	Korek Telecom Company	418	040	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Iraq	Asiacell Communications PJSC	418	005	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Ireland	Vodafone Ireland Limited	272	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ireland	Three Ireland (Hutchison) Limited	272	005	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Israel	Partner Communications Company Ltd.	425	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Israel	Pelevision Communication Ltd.	425	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Israel	Cellcom Israel Ltd.	425	002	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Italy	Vodafone Italia S.p.A	222	010	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Italy	Telecom Italia SpA	222	001	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Italy	Wind Tre S.p.A. (ITAWI)	222	088	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ivory Coast	MTN Cote d'Ivoire S.A	612	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ivory Coast	Atlantique Telecom Côte d'Ivoire	612	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ivory Coast	Orange Cote D'Ivoire S.A.	612	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jamaica	Digicel (Jamaica) Limited	338	050	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jamaica	Cable & Wireless Jamaica Limited	338	180	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Japan	SoftBank Corp.	440	020	1B	Live	Unavailable	Live	Live	Live	Unavailable	Unavailable
Japan	NTT DOCOMO, Inc.	440	010	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	Jordan Mobile Telephone Services Company, Ltd.	416	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	Petra Jordanian Mobile Telecommunications Company (Orange Jordan)	416	077	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Jordan	Umniah Mobile Company	416	003	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	KaR-Tel LLP	401	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	Mobile Telecom-Service LLP	401	077	4	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kazakhstan	Kcell JSC	401	002	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kenya	Airtel Networks Kenya Limited	639	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kenya	Safaricom PLC	639	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kenya	Telkom Kenya Limited	639	007	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Kiribati	Amalgamated Telecom Holdings Kiribati Limited	545	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Kosovo	IPKO Telecommunications LLC	221	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kuwait	Kuwait Telecom Company (K.S.C.)	419	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kuwait	Mobile Telecommunications Company	419	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Kuwait	National Mobile Telecommunications Company (K.S.C)	419	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kyrgyzstan	Sky Mobile LLC	437	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kyrgyzstan	JSC Alfa Telecom	437	005	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Kyrgyzstan	Nur Telecom LLC	437	009	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Laos	VimpelCom Lao Company Ltd.	457	008	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Laos	Viettel Group	457	003	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Latvia	Tele2 SIA	247	002	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Latvia	Latvijas Mobilais Telefons	247	007	2	Live	Live	Live	Live	Live	Unavailable	Unavailable
Latvia	SIA Bite Mobile	247	005	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lebanon	Mobile Interim Company 2 (MIC2)	415	003	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lebanon	Mobile Interim Company 1 (MIC1)	415	001	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lesotho	Vodacom Lesotho (Pty) Ltd	651	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Liberia	Lonestar Communications Corporation	618	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Liberia	Orange Liberia	618	007	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Libya	Al Madar Al Jadid	606	001	6	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Libya	Libyana Mobile Phone	606	000	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Liechtenstein	Telecom Liechtenstein AG	295	005	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Liechtenstein	Salt (Liechtenstein) AG	295	002	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Lithuania	UAB Tele2	246	003	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Lithuania	Telia Lietuva AB	246	001	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Lithuania	UAB Bite Lietuva	246	002	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Luxembourg	Orange Communications Luxembourg S.A.	270	099	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Luxembourg	POST Luxembourg	270	001	1A	Live	Live	Live	Live	Live	Live	Live
Luxembourg	Proximus Luxembourg S.A	270	077	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Macao	Hutchison Telephone (Macau) Company Limited	455	003	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Macao	Companhia de Telecomunicações de Macau, S.A.R.L.	455	001	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Macao	SmarTone Mobile Communications (Macau) Limited	455	000	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	Airtel Madagascar SA	646	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	Orange Madagascar S.A.	646	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Madagascar	Telecom Malagasy s.a.	646	004	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Malawi	Airtel Malawi Limited	650	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malawi	Telekom Networks Malawi Limited	650	001	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Malaysia	Celcom Axiata Berhad	502	013	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malaysia	Maxis Broadband Sdn. Bhd.	502	012	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malaysia	Digi Telecommunications Sdn Bhd	502	158	3	Live	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Malaysia	U Mobile Sdn. Bhd.	502	018	3	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Maldives	Ooredoo Maldives Public Limited Company	472	002	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Maldives	Dhivehi Raajjeyge Gulhun Public Limited Company	472	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mali	Malitel - SA	610	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mali	Orange Mali SA	610	002	4	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malta	Vodafone Malta Limited	278	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malta	GO p.l.c.	278	021	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Malta	Melita Ltd.	278	077	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Maritime operators	Vodafone Malta Limited	901	019	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritania	Mauritanienne des Télécommunications S.A (Mauritel)	609	010	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritania	Tunisian Mauritanian Company of Telecommunications (MATTEL)	609	001	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritania	Chinguitel S.A.	609	002	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mauritius	Emtel Ltd	617	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mauritius	Mahanagar Telephone (Mauritius) Ltd.	617	003	6	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mauritius	Cellplus Mobile Communications Ltd.	617	001	7	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mexico	AT&T Comercializacion Movil, S. de R.L. de C.V.	334	090	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Mexico	Pegaso PCS, S.A. de C.V.	334	030	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Mexico	Radiomóvil Dipsa, S.A. de C.V.	334	020	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Moldova	Moldtelecom S.A.	259	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Moldova	Orange Moldova S.A.	259	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Moldova	Moldcell S.A	259	002	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Monaco	Monaco Telecom S.A.M.	212	010	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mongolia	Skytel LLC	428	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Mongolia	Unitel LLC	428	088	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mongolia	MobiCom Corporation	428	099	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Montenegro	Telenor d.o.o. Podgorica	297	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Montenegro	MTEL d.o.o. Podgorica	297	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Montenegro	Crnogorski Telekom a.d. Podgorica	297	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Montserrat	Cable and Wireless (West Indies) Ltd.	354	860	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Morocco	Itissalat Al-Maghrib S.A.	604	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Morocco	Médi Télécom	604	000	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Morocco	Wana Corporate S.A.	604	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mozambique	Vodacom Moçambique, S.A.	643	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Mozambique	Moçambique Celular S.A.R.L.	643	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Myanmar	Telenor Myanmar Limited	414	006	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Myanmar	Myanma Posts and Telecommunications	414	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Myanmar	Ooredoo Myanmar Limited	414	005	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Namibia	Mobile Telecommunications Limited	649	001	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Namibia	Telecom Namibia Limited	649	003	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Nepal	Ncell Pvt. Ltd	429	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nepal	Nepal Doorsanchar Company Ltd	429	001	5	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Netherlands	Vodafone Libertel B.V.	204	004	1A	Live	Live	Unavailable	Live	Live	Unavailable	Unavailable
New Caledonia	Office des Postes et Telecommunications	546	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
New Zealand	Vodafone New Zealand Ltd	530	001	1B	Live	Live	Live	Live	Live	Unavailable	Unavailable
New Zealand	Spark New Zealand	530	005	3	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable
Nicaragua	Telefonia Celular de Nicaragua S.A.	710	300	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nicaragua	Empresa Nicaraguense de Telecomunicaciones S.A. - ENITEL	710	073	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Niger	Celtel Niger S.A.	614	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Niger	Telecet Niger SA	614	003	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Niger	Orange Niger S.A.	614	004	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Nigeria	Airtel Networks Limited	621	020	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nigeria	MTN Nigeria Communications Limited	621	030	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nigeria	Emerging Markets Telecommunication Services Ltd	621	060	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Nigeria	Globacom Limited	621	050	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
North Macedonia	A1 Makedonija DOOEL Skopje	294	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Norway	Telenor Norge AS	242	001	1A	Live	Live	Live	Live	Live	Live	Live
Norway	Telia Norge AS	242	005	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Norway	Telenor Maritime AS	901	012	8	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Oman	Omani Qatari Telecommunication Company SAOG	422	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Oman	Oman Telecommunications Company S.A.O.G.	422	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Pakistan	Telenor Pakistan (Private) Limited	410	006	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Pakistan	Pakistan Mobile Communications Limited (PMCL)	410	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Panama	Claro Panamá, S.A.	714	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Panama	Digicel (Panama) S.A.	714	004	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Panama	Cable & Wireless Panamá, S.A.	714	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Panama	Grupo De Comunicaciones Digitales, s.a.	714	020	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Papua New Guinea	Digicel (PNG) Limited	537	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Papua New Guinea	Bemobile Limited	537	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Paraguay	Telefonica Celular Del Paraguay S.A. (Telecel S.A.)	744	004	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Paraguay	AMX Paraguay S.A.	744	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Paraguay	Hola Paraguay S.A.	744	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Peru	Entel Perú S.A.	716	017	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Peru	América Móvil Perú, S.A.C.	716	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Peru	Telefónica del Perú S.A.A.	716	006	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Peru	Viettel Group	716	015	8	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Philippines	Smart Communications, Inc.	515	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Philippines	Globe Telecom, Inc.	515	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	P4 Sp. z o.o.	260	006	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	Polkomtel Sp. z o.o.	260	001	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	Orange Polska S.A.	260	003	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Poland	T-Mobile Polska S.A.	260	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Portugal	Vodafone Portugal - Comunicações Pessoais, S.A.	268	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Portugal	NOS – Comunicações, S.A.	268	003	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Portugal	MEO - Serviços de Comunicações e Multimédia SA	268	006	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Puerto Rico	Puerto Rico Telephone Company, Inc.	330	110	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Qatar	Vodafone Qatar Q.S.C.	427	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Qatar	Ooredoo QSC	427	001	9	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Republic of the Congo	Airtel Congo SA	629	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Réunion	Orange Réunion	647	000	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Réunion	Société Réunionnaise du Radiotéléphone	647	010	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Réunion	Telco OI	647	002	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Romania	S.C. Vodafone Romania S.A.	226	001	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Romania	S.C. RCS & RDS S.A.	226	005	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Romania	S.C. Orange România S.A.	226	010	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Romania	Telekom Romania Mobile Communications S.A.	226	003	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Russia	VimpelCom PJSC	250	099	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Russia	PJSC Mobile TeleSystems (MTS)	250	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Russia	MegaFon PJSC	250	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Russia	LLC T2 Mobile	250	039	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Russia	LLC Ekaterinburg-2000	250	035	7	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Rwanda	Bharti Airtel Rwanda Holdings B.V.	635	013	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Rwanda	MTN RwandaCell S.A.R.L.	635	010	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Saint Kitts and Nevis	Cable & Wireless St Kitts & Nevis Limited	356	110	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Saint Lucia	Cable & Wireless (St. Lucia) Limited	358	110	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Saint Vincent and the Grenadines	Cable & Wireless (St. Vincent & the Grenadines) Ltd	360	110	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Samoa	Bluesky Samoa Limited	549	027	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Samoa	Digicel (Samoa) Limited	549	000	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sao Tome and Principe	Companhia Santomense de Telecomunicações, SARL	626	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Saudi Arabia	MTC Saudi Arabia (Zain)	420	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Saudi Arabia	Saudi Telecom Company (STC)	420	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Senegal	Société Nationale des Télécommunications du Sénégal (SONATEL)	608	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Senegal	Sudan Telecom Company Ltd	608	003	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Serbia	Vip mobile d.o.o.	220	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Serbia	Telekom Srbija a.d.	220	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Serbia	Telenor d.o.o.	220	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Seychelles	Airtel (Seychelles) Limited	633	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Seychelles	Cable and Wireless (Seychelles) Ltd	633	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Sierra Leone	Africell Sierra Leone Limited	619	005	6	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sierra Leone	Orange (SL) Limited	619	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Singapore	StarHub Mobile Pte Ltd**	525	005	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Singapore	M1 Limited**	525	003	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Singapore	SingTel Mobile Singapore Pte. Ltd.**	525	007	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Slovakia	Orange Slovensko, a.s.	231	001	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovakia	O2 Slovakia, s.r.o.	231	006	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovakia	Slovak Telekom, a.s.	231	002	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovenia	A1 Slovenija, d.d.	293	040	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Slovenia	Telemach d.o.o.	293	070	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Slovenia	Telekom Slovenije d.d.	293	041	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Solomon Islands	Bemobile (Solomon Islands) Limited	540	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
South Africa	Vodacom (Pty) Ltd.	655	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Africa	Mobile Telephone Networks (Pty) Ltd.	655	010	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
South Africa	Telkom SA Ltd	655	005	3	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable
South Africa	Cell C (Pty) Ltd	655	007	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
South Korea	SK Telecom Co., Ltd.	450	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
South Korea	KT Corporation	450	008	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
South Sudan	Sudanese Mobile Telephone (Zain South Sudan) Co.Ltd	659	006	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Spain	Vodafone España, S.A.U.	214	006	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Spain	Xfera Móviles, S.A.U.	214	004	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Spain	Orange Espagne, S.A., sociedad unipersonal	214	003	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Spain	Telefónica Móviles España S.A.	214	007	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Sri Lanka	Mobitel (Pvt) Limited	413	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Sri Lanka	Bharti Airtel Lanka (Private) Limited	413	005	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Sri Lanka	Dialog Axiata Plc	413	002	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
State of Palestine	Palestine Telecommunications Company	425	005	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
State of Palestine	Wataniya Palestine Mobile Telecommunications Company	425	006	7	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Suriname	Digicel Suriname N.V.	746	003	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Suriname	Telecommunications Company Suriname	746	002	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Swaziland	Swazi MTN Limited	653	010	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Sweden	Tele2 AB	240	010	1A	Live	Live	Live	Live	Live	Unavailable	Unavailable
Sweden	Telia Company AB	240	001	2	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Sweden	Telenor Sverige AB	240	024	2	Live	Live	Live	Live	Live	Live	Live

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Switzerland	Swisscom (Switzerland) Ltd	228	001	1A	Live	Unavailable	Live	Live	Live	Live	Live
Switzerland	Sunrise Communications AG	228	002	1B	Live	Live	Live	Live	Live	Unavailable	Unavailable
Taiwan	Chunghwa Telecom	466	092	1B	Live	Unavailable	Live	Live	Live	Unavailable	Unavailable
Taiwan	Far EasTone Telecommunications Co Ltd	466	088	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Taiwan	Taiwan Mobile Co.Ltd	466	099	1B	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Tajikistan	Indigo Tajikistan CJSC	436	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tajikistan	CJSC Babilon-Mobile	436	004	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tajikistan	Tacom LLC	436	005	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Tanzania	Vodacom Tanzania Limited	640	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tanzania	Airtel Tanzania Limited	640	005	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Tanzania	MIC Tanzania Limited	640	002	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Thailand	True Move H Universal Communication Co., Ltd.	520	099	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Thailand	CAT Telecom Public Company	520	000	1B	Live	Unavailable	Live	Unavailable	Unavailable	Unavailable	Unavailable
Thailand	Advanced Wireless Network Company Limited	901	003	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
Thailand	dtac TriNet Co., Ltd.	520	018	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Togo	Telecel Togo	615	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Togo	Togo Telecom	615	001	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Tonga	Digicel (Tonga) Limited	539	088	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tonga	Tonga Communications Corporation	539	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Trinidad and Tobago	Digicel Trinidad and Tobago Ltd	374	130	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Trinidad and Tobago	Telecommunications Services of Trinidad and Tobago Ltd	374	012	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Tunisia	Orange Tunisie, SA	605	001	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Tunisia	Tunisie Telecom	605	002	8	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Turks and Caicos Islands	Cable and Wireless (TCI) Ltd	376	350	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uganda	MTN Uganda Ltd	641	010	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Uganda	Airtel Uganda Limited	641	022	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ukraine	PrJSC VF Ukraine	255	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Ukraine	Kyivstar, Private Joint Stock Company	255	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Ukraine	lifecell LLC	255	006	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Ukraine	TriMob LLC	255	007	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
United Arab Emirates	Emirates Integrated Telecommunications Company PJSC**	424	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Vodafone Ltd	234	015	1A	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Hutchison 3G UK Limited	234	020	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Telefónica UK Limited	234	010	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	EE Limited****	234	033	2	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Jersey Airtel Limited	234	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Manx Telecom	234	058	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United Kingdom	Jersey Telecom Limited	234	050	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	Indigo Wireless, Inc	311	030	3	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
United States of America	Commnet Wireless, LLC	313	040	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	T-Mobile USA, Inc	316	260	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	NE Colorado Cellular, Inc	310	450	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	Limitless Mobile, LLC	310	180	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
United States of America	Union Telephone Company	310	020	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	The Alaska Wireless Network, LLC	310	370	3	Live	Unavailable	Live	Live	Unavailable	Unavailable	Unavailable
United States of America	NewCore Wireless, LLC	310	530	6	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
United States of America	Manx NA	310	072	6	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
United States of America	Michigan Wireless LLC	311	033	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Uruguay	Antel	748	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uruguay	AM Wireless Uruguay S.A.	748	010	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uruguay	Telefónica Móviles Del Uruguay S.A.	748	007	3	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uzbekistan	Universal Mobile Systems, LLC	434	007	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Uzbekistan	Unitel LLC	434	004	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Vanuatu	Digicel (Vanuatu) Ltd	541	005	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Vanuatu	Telecom Vanuatu Limited	541	001	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Venezuela	Telefónica Venezolana, C.A.	734	004	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Venezuela	Telecomunicaciones Movilnet C.A.	734	006	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable

COUNTRY	OPERATOR	MCC	MNC	ZONE	VOICE	2G	3G	4G	LTE-M	PSM(LTE-M)	eDRX (LTE-M)
Venezuela	Corporacion Digitel C.A.	734	002	8	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Vietnam	Vietnamobile Telecommunications Joint Stock Company	452	005	3	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Vietnam	Vietnam Posts and Telecommunications Group (VNPT)	452	002	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Vietnam	Viettel Group	452	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Yemen	MTN Yemen	421	002	1B	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Yemen	Yemen Mobile Phone Company - Sabafon	421	001	3	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Zambia	Airtel Networks Zambia Plc.	645	001	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Zambia	MTN (Zambia) Ltd	645	002	1B	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Zambia	Zambia Telecommunications Company Ltd (ZAMTEL)	645	003	8	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable
Zimbabwe	Telecel Zimbabwe (PVT) Ltd	648	003	1B	Live	Live	Live	Live	Unavailable	Unavailable	Unavailable
Zimbabwe	Econet Wireless (Private) Limited	648	004	7	Live	Live	Live	Unavailable	Unavailable	Unavailable	Unavailable