

PMN Code	Operator	MNC	MCC	OPCO Code	Country	Country Group	Network Rank
AFGTD	Roshan	412	20	ROSAF	Afghanistan	World Countries 1	Primary
AFGAW	AWCC	412	01	AWCAF	Afghanistan	World Countries 1	Secondary
DZAWT	Wataniya	603	03	NEDDZ	Algeria	World Countries 4	Primary
DZAA1	Mobilis	603	01	MBIDZ	Algeria	World Countries 4	Secondary
ANDMA	Mobiland	213	03	MBLAD	Andorra	World Countries 4	Primary
AIACW	Lime	365	840	CAWAI	Anguilla, St. Kitts & Nevis, Anguilla, Montserrat, St. Lucia, St. Vincent & Grenadines, Turks & Caicos, Antigua & Barbuda, Jamaica, Virgin Islands (British), Cayman Islands, Barbados, Grenada and Dominica.	World Countries 1	Primary
ARGCM	Claro	722	310	CLRAR	Argentina	World Countries 1	Primary
ARGTP	Telecom Personal	722	34	PSNAR	Argentina	World Countries 1	Secondary
ARGTM	Movistar	722	07	MVSAR	Argentina	World Countries 1	Backup
ARM05	VivaCell	283	05	MTSAM	Armenia	World Countries 1	Primary
ARMOR	Orange	283	10	ORGAM	Armenia	World Countries 1	Secondary
ABWSE	Setar GSM	363	01	SETAW	Aruba	World Countries 1	Primary
JAMDC	Digicel	338	050	DGCJM	Aruba, Anguilla, Antigua & Barbuda, Barbados, Bermuda, Cayman Islands, Dominica, Grenada, Haiti, Jamaica, Jamaica, Samoa, St. Kitts and Nevis, St. Lucia, St. Vincent & Grenadines, Turks & Caicos, Virgin Islands (British)	World Countries 1	Secondary
AUTPT	Mobilkom	232	01	MOBAT	Austria	European Countries	Primary
AUTMM	T-Mobile	232	07	TMBAT	Austria	European Countries	Backup
AUTCA	Orange	232	05	ONEAT	Austria	European Countries	Secondary
AZEBC	Bakcell	400	02	BAKAZ	Azerbaijan	World Countries 1	Primary
AZEAC	Azercell	400	01	AZCAZ	Azerbaijan	World Countries 1	Secondary

BHSBH	BTC	364	39	BTCBS	Bahamas	World Countries 3	Primary
BHRBT	Batelco	426	01	BATBH	Bahrain	World Countries 1	Primary
BHRMV	Zain BH	426	02	VFBH	Bahrain	World Countries 1	Secondary
BHRST	VIVA	426	04	VIVBH	Bahrain	World Countries 1	Backup
BGDAK	Robi	470	02	ROBBD	Bangladesh	World Countries 1	Primary
BGDGP	GrameenPhone	470	01	GRABD	Bangladesh	World Countries 1	Secondary
BGDWT	Warid	470	07	ATLBD	Bangladesh	World Countries 1	Backup
BELTB	Proximus	206	01	PRXBE	Belgium	European Countries	Primary
BELMO	Mobistar	206	10	MSTBE	Belgium	European Countries	Secondary
BELKO	Base	206	20	BASBE	Belgium	European Countries	Backup
BENSP	Spacetel	616	03	SPTBJ	Benin	World Countries 1	Primary
BEN02	Moov	616	02	TCLBJ	Benin	World Countries 1	Secondary
BMUBD	CellOne	350	000	C1BM	Bermuda	World Countries 1	Primary
BOLNT	Nuevatel	736	01	NVTBO	Bolivia	World Countries 3	Primary
BOLTE	Tigo	736	03	TIGBO	Bolivia	World Countries 3	Secondary
BIHPT	BH Telecom	218	90	BHTBA	Bosnia and Herzegovina	World Countries 2	Primary
BIHMS	mtel	218	05	MBSBA	Bosnia and Herzegovina	World Countries 2	Secondary
BWAGA	Mascom	652	01	MSCBW	Botswana	World Countries 2	Primary
BWAVC	Orange	652	02	ORGBW	Botswana	World Countries 2	Secondary
BRACL	Claro		724	5 CLRBR	Brazil	World Countries 1	Primary
BRABT	Oi		724	16 OIBR	Brazil	World Countries 1	Secondary
BRATM	Oi		724	31 OIBR	Brazil	World Countries 1	Secondary
BRACS	TIM		724	4 TIMBR	Brazil	World Countries 1	Backup
BRARN	TIM		724	2 TIMBR	Brazil	World Countries 1	Backup
BRASP	TIM		724	3 TIMBR	Brazil	World Countries 1	Backup
BRATC	Vivo		724	23 VV0BR	Brazil	World Countries 1	Backup
BRAV1	Vivo		724	10 VV1BR	Brazil	World Countries 1	Backup
BRAV2	Vivo		724	6 VV3BR	Brazil	World Countries 1	Backup
BRAV3	Vivo		724	11 VV2BR	Brazil	World Countries 1	Backup
BRNDS	DST	528	11	DSTBN	Brunei Darussalam	World Countries 1	Primary
BRNBR	B-Mobile	528	02	BMCBN	Brunei Darussalam	World Countries 1	Secondary
BGR01	M-Tel	284	01	MTLBG	Bulgaria	European Countries	Primary
BGR05	Globul	284	05	GLOBG	Bulgaria	European Countries	Secondary

BFACT	Airtel	613	02	ATLBF	Burkina Faso	World Countries 3	Primary
BFAON	Telmob	613	01	TLMBF	Burkina Faso	World Countries 3	secondary
BDIL1	SmartMobile_Burundi	642	07	SMRBI	Burundi	World Countries 3	Primary
KHMGM	Cellcard	456	01	CAMKH	Cambodia	World Countries 1	Primary
KHMMSM	SmartMobile	456	02	SMRKH	Cambodia	World Countries 1	Secondary
KHMST	Beeline	456	09	BLNKH	Cambodia	World Countries 1	Backup
CMR02	Orange	624	02	ORGCM	Cameroon	World Countries 3	Primary
CMRMT	MTN	624	01	MTNCM	Cameroon	World Countries 3	Secondary
CANTS	Telus	302	220	TLSCA	Canada	World Countries 1	Primary
CANBM	Bell Mobility	302	610	BELCA	Canada	World Countries 1	Secondary
CANRW	Rogers Wireless	302	720	RGSCA	Canada	World Countries 1	Backup
CANST	Sasktel	302	780	SKTCA	Canada	World Countries 1	Backup
CPVCV	CVMovel	625	01	CVMCV	Cape Verde	World Countries 3	Primary
CPVTM	T+	625	02	TTECV	Cape Verde	World Countries 3	Secondary
CAFAT	Moov	623	01	ATQCF	Central African Republic	World Countries 1	Primary
TCDCT	Airtel	622	01	ZAITD	Chad	World Countries 1	Primary
TCDML	Tigo	622	03	TIGTD	Chad	World Countries 1	Secondary
CHLMV	Entel	730	01	ENTCL	Chile	World Countries 1	Primary
CHLSM	Claro	730	03	CLRCL	Chile	World Countries 1	Secondary
CHLTM	Movistar	730	02	MOVCL	Chile	World Countries 1	Backup
CHNCU	China Unicom	460	01	UNCCN	China	World Countries 1	Primary
CHNCT	China Mobile	460	00	CMOCN	China	World Countries 1	Secondary
COLCM	Claro	732	101	CLRCO	Colombia	World Countries 1	Primary
COLCO	Tigo	732	111	TIGCO	Colombia	World Countries 1	Secondary
COLTM	Movistar	732	123	MVSCO	Colombia	World Countries 1	Backup
COGCT	CelTel	629	01	ZAICG	Congo, (Brazzaville)	World Countries 1	Primary
CRICL	Claro	712	03	CLRCR	Costa Rica	World Countries 1	Primary
CRITC	Movistar	712	04	MVSCR	Costa Rica	World Countries 1	Secondary
CRICR	I.C.E.	712	01	ICECR	Costa Rica	World Countries 1	Backup
HRVVI	VIPnet	219	10	VIPHR	Croatia	European Countries	Primary
HRVT2	Tele2	219	02	T2HR	Croatia	European Countries	Secondary
HRVCN	Croatian Telecom	219	01	TMBHR	Croatia	European Countries	Backup
ANTCT	Digicel	362	69	DGCNL	Curacao	World Countries 1	Primary

CYPCT	Cytamobile-Vodafone	280	01	CYTCY	Cyprus	European Countries	Primary
CYPSC	MTN	280	10	MTNCY	Cyprus	European Countries	Secondary
CODVC	Vodacom, Congo	630	01	VFCD	Democratic Republic of Congo	World Countries 1	Primary
CODCT	Zain Congo DR	630	02	ZAICD	Democratic Republic of Congo	World Countries 1	Backup
CODOR	Orange_CongoDRC	630	86	ORGCD	Democratic Republic of Congo	World Countries 1	Secondary
DNKTD	TDC	238	01	TDCDK	Denmark	European Countries	Primary
DNKDM	Telenor	238	02	TNRDK	Denmark	European Countries	Secondary
DOMCL	Claro	370	02	CLRDO	Dominican Republic	World Countries 1	Primary
DOM01	Orange	370	01	ORGDM	Dominican Republic	World Countries 1	Secondary
DOMAC	Trilogy	370	04	TRLDO	Dominican Republic	World Countries 1	Backup
ECUPG	Conecel	740	01	CONEC	Ecuador	World Countries 1	Primary
ECUOT	Movistar	740	00	MOVEC	Ecuador	World Countries 1	Secondary
EGYMS	Vodafone	602	02	VFEG	Egypt	World Countries 1	Primary
EGYAR	MobiNil	602	01	MNLEG	Egypt	World Countries 1	Secondary
SLVTP	Claro	706	01	CLRSV	El Salvador	World Countries 1	Primary
SLVDC	Digicel	706	02	DGCSV	El Salvador	World Countries 1	Secondary
GNQHT	Hits	627	03	HTSGQ	Equatorial Guinea	World Countries 4	Primary
ESTRE	Elisa	248	02	ELIEE	Estonia	European Countries	Secondary
ESTRB	Tele2	248	03	T2EE	Estonia	European Countries	Primary
FROKA	Vodafone	288	02	VFFO	Faroe Islands	World Countries 1	Primary
FJIVF	Vodafone	542	01	VFFJ	Fiji	World Countries 1	Secondary
FJIDP	Digicel	542	02	DGCFJ	Fiji and Nauru	World Countries 1	Primary
FINRL	Elisa	244	05	ELIFI	Finland	European Countries	Primary
FIN2G	DNA	244	12	DNAFI	Finland	European Countries	Secondary
FINAM	Alands Mobiltelefon	244	14	ALNFI	Finland	European Countries	Backup
FRAF2	SFR	208	10	SFRFR	France	European Countries	Secondary
FRAF1	Orange	208	01	ORGFR	France	European Countries	Primary
FRAF3	Bouygues	208	20	BOUFR	France	European Countries	Backup
FRAF4	Digicel	340	20	DGCMQ	French Guiana, Guadeloupe, Martinique, St. Barth and St.Martin	World Countries 1	Primary
PYFVF	Vodafone	547	15	VFPK	French Polynesia	World Countries 2	Primary
FRATK	VINI	547	20	VINPF	French Polynesia	World Countries 2	Secondary

GABCT	Airtel	628	03	ZAIGA	Gabon	World Countries 1	Primary
GABTL	Moov	628	02	ATQGA	Gabon	World Countries 1	Secondary
GMBAC	Africel	607	02	AFRGM	Gambia	World Countries 4	Primary
GMBQC	Qcell	607	04	QCLGM	Gambia	World Countries 4	Secondary
GEOMA	Magticom	282	02	MAGGE	Georgia	World Countries 1	Primary
GEOGC	Geocell	282	01	GEOGE	Georgia	World Countries 1	Backup
GIBGT	Gibtel	266	01	GIBGI	Gibraltar	World Countries 1	Primary
GLP01	Orange	340	01	ORGGP	Guadeloupe	World Countries 1	Secondary
USAPU	mPulse	310	140	MPLUS	Guam	World Countries 1	Primary
GUMHT	Docomo Pacific	310	470	NDOGU	Guam	World Countries 1	Secondary
GTMSC	Claro	704	01	CLRGT	Guatemala	World Countries 1	Primary
GTMCM	Tigo	704	02	TIGGT	Guatemala	World Countries 1	Secondary
GINAG	Areeba	611	04	MTNGN	Guinea	World Countries 2	Primary
GNBSB	MTN Areeba	632	02	MTNGW	Guinea-Bissau	World Countries 2	Primary
GUYGT	Cellink Plus	738	02	CLLGY	Guyana	World Countries 1	Primary
GUYUM	Digicel	738	01	DGCGY	Guyana	World Countries 1	Secondary
HTIHT	Natcom	372	03	NATHT	Haiti	World Countries 1	Primary
HNDME	Claro	708	001	CLRHN	Honduras	World Countries 1	Primary
HND02	Tigo	708	002	TIGHN	Honduras	World Countries 1	Backup
HKGH3		3 454	03	H3HK	Hong Kong	World Countries 1	Primary
HKGSM	SmarTone	454	06	SMAHK	Hong Kong	World Countries 1	Secondary
HKGM3	PCCW Mobile	454	16	HKTHK	Hong Kong	World Countries 1	Backup
HKGPP	Peoples	454	12	CMOHK	Hong Kong	World Countries 1	Backup
HKGTC	CSL	454	00	CSLHK	Hong Kong	World Countries 1	Backup
ISLTL	Vodafone	274	02	VFIS	Iceland	World Countries 1	Primary
ISLNO	Nova	274	11	NOVIS	Iceland	World Countries 1	Secondary
ISLPS	Siminn	274	01	SMNIS	Iceland	World Countries 1	Backup
IDNTS	Telkomsel	510	10	TELID	Indonesia	World Countries 1	Primary
IDNSL	Indosat	510	01	IDSID	Indonesia	World Countries 1	Secondary
IDNEX	Excelcom	510	11	EXCID	Indonesia	World Countries 1	Backup
GBRMT	Manx Telecom	234	58	MNXUK	Isle of Man	World Countries 1	Primary
GBRGT	Cable & Wireless	234	55	CAWGG	Isle of Man and Jersey	World Countries 1	Backup
ISR01	Orange	425	01	ORGIL	Israel	World Countries 1	Primary

ISRPL	Pelephone	425	03	PELIL	Israel	World Countries 1	Secondary
JPNJP	Softbank	440	20	JFNJP	Japan	World Countries 1	Primary
JPNDO	NTT DoCoMo	440	10	NDOJP	Japan	World Countries 1	Secondary
GBRJT	Jersey Telecom	234	50	JRSUK	Jersey	World Countries 1	Backup
GBRAJ	Airtel-Vodafone	234	03	AVFJE	Jersey and Guernsey	World Countries 1	Primary
JORFL	Zain	416	01	ZAIJO	Jordan	World Countries 1	Primary
JORMC	Orange	416	77	MBCJO	Jordan	World Countries 1	Secondary
JORUM	Umniah	416	03	UMNJO	Jordan	World Countries 1	Backup
KAZ77	Tele 2	401	77	T2KZ	Kazakhstan	World Countries 2	Primary
KAZKZ	KCell	401	02	KCEKZ	Kazakhstan	World Countries 2	Secondary
KENSA	Safaricom	639	02	SAFKE	Kenya	World Countries 1	Primary
KENKC	Airtel	639	03	ATLKE	Kenya	World Countries 1	Secondary
KORSK	SK Telecom	450	05	SKTKR	Korea, Republic Of	World Countries 1	Primary
KORKF	KT Freetel	450	08	OKTKR	Korea, Republic Of	World Countries 1	Secondary
KWTMT	Zain	419	02	VFKW	Kuwait	World Countries 1	Primary
KWTNM	Wataniya	419	03	WATKW	Kuwait	World Countries 1	Secondary
KWTKT	Viva	419	04	VIVKW	Kuwait	World Countries 1	Backup
LAOLA	Unitel	457	03	UNILA	Lao People's Democratic Republic	World Countries 3	Primary
LAOTL	Tigo	457	08	TIGLA	Lao People's Democratic Republic	World Countries 3	Secondary
LVABT	Bite Latvija	247	05	BITLV	Latvia	European Countries	Primary
LVABC	Tele2	247	02	T2LV	Latvia	European Countries	Secondary
LIEMK	Mobilkom	295	05	MOBLI	Liechtenstein	European Countries	Secondary
LTUMT	Bite GSM	246	02	BITLT	Lithuania	European Countries	Secondary
LTU03	Tele 2	246	03	T2LT	Lithuania	European Countries	Primary
LUXTG	Tango	270	77	TANLU	Luxembourg	European Countries	Primary
LUXVM	Orange	270	99	VOXLU	Luxembourg	European Countries	Secondary
LUXPT	LUXGSM	270	01	PTLLU	Luxembourg	European Countries	Backup
MACSM	SmarTone	455	00	SMAMC	Macau	World Countries 1	Primary
MACCT	CTM	455	01	CTMMO	Macau	World Countries 1	Secondary
MACHT		3 455	03	H3MO	Macau	World Countries 1	Backup

MKDNO	Vip operator	294	03	VIPMK	Macedonia, The Former Yugoslav Republic of	World Countries 1	Primary
MDGCO	Airtel	646	01	ATLMG	Madagascar	World Countries 1	Primary
MDGTM	Telma Mobile	646	04	TLMMG	Madagascar	World Countries 1	Secondary
MWICT	Airtel	650	10	ZAIMW	Malawi	World Countries 1	Primary
MWICP	TNM	650	01	TNMMW	Malawi	World Countries 1	Secondary
MYSCC	Celcom	502	13	CELMY	Malaysia	World Countries 1	Primary
MYSBC	Maxis Mobile	502	12	MAXMY	Malaysia	World Countries 1	Secondary
MYSMI	U-Mobile	502	18	UMOMY	Malaysia	World Countries 1	Backup
MYSMT	DiGi	502	16	DIGMY	Malaysia	World Countries 1	Backup
MLIO2	Orange	610	02	ORGML	Mali	World Countries 4	Primary
MRTMM	Mauritel	609	10	MRTMR	Mauritania	World Countries 3	Primary
MUSEM	Emtel	617	10	EMTMU	Mauritius	World Countries 2	Primary
MUSMT	MTML	617	03	MTMMU	Mauritius	World Countries 2	Secondary
MUSCP	Orange	617	01	ORGMU	Mauritius	World Countries 2	Backup
MEXTL	Telcel	334	020	TCLMX	Mexico	World Countries 1	Primary
MEXMS	Movistar	334	030	MVSMX	Mexico	World Countries 1	Secondary
MEXIU	IUSACell	334	050	IUCMX	Mexico	World Countries 1	Backup
MDAUN	Unité	259	05	UNIMD	Moldova	World Countries 2	Primary
MDAVX	Orange	259	01	ORGMD	Moldova	World Countries 2	Secondary
MCOM2	Monaco Telecom	212	02	TLCMC	Monaco	European Countries	Backup
MCOM1	Monaco Telecom	212	02	TLCMC	Monaco and Kosovo	European Countries	Backup
MNGMN	Unitel	428	88	UTLMN	Mongolia	World Countries 1	Primary
MNGMC	MobiCom	428	99	MCMMN	Mongolia	World Countries 1	Secondary
MNEPM	Telenor	297	01	TNRME	Montenegro	World Countries 1	Primary
MNEMT	Mtel	297	03	MTEME	Montenegro	World Countries 1	Secondary
MNETM	T-Mobile	297	02	TMOME	Montenegro	World Countries 1	Backup
MARMT	Medi Telecom	604	00	MEDMA	Morocco	World Countries 3	Primary
MARM1	IAM	604	01	MARMA	Morocco	World Countries 3	Secondary
MARM3	Wana	604	02	WANMA	Morocco	World Countries 3	Backup
MMRPT	MPT	414	01	MPTMM	Myanmar	World Countries 4	Primary

NAM03	TN Mobile	649	03	TNMNA	Namibia	World Countries 4	Primary
NAM01	MTC	649	01	MTCNA	Namibia	World Countries 4	Secondary
ANTTC	TelCell	362	51	TLCAN	Netherlands Antilles	World Countries 2	Primary
ANTUT	UTS Setel	362	91	UTSAN	Netherlands Antilles, St. Barth, St. Kitts and Nevis and St.Martin	World Countries 2	Backup
NZLBS	Vodafone	530	01	VFNZ	New Zealand	World Countries 1	Primary
NZLTM	XT Mobile	530	05	XTMNZ	New Zealand	World Countries 1	Backup
NICEN	Claro	710	21	CLRNI	Nicaragua	World Countries 1	Primary
NICMS	Movistar	710	30	MVSNI	Nicaragua	World Countries 1	Secondary
NERCT	Airtel	614	02	ZAINE	Niger	World Countries 1	Primary
NERTL	Moov	614	03	TCLNE	Niger	World Countries 1	Secondary
NGAMN	MTN	621	30	MTNNG	Nigeria	World Countries 1	Primary
NGAET	Airtel	621	20	ZAING	Nigeria	World Countries 1	Secondary
NGAEM	Etisalat	621	60	ETING	Nigeria	World Countries 1	Backup
NORTM	Telenor	242	01	TNRNO	Norway, Svalbard and Jan Mayen Islands.	European Countries	Primary
OMNGT	Omantel	422	02	OMBOM	Oman	World Countries 3	Primary
OMNNT	Nawras	422	03	NAWOM	Oman	World Countries 3	Secondary
PAKTP	Telenor	410	06	TNRPK	Pakistan	World Countries 1	Primary
PSEJE	Jawwal	425	05	JWLPS	Palestinian Authority	World Countries 1	Secondary
PSEWM	Wataniya	425	06	WATPS	Palestinian Authority	World Countries 1	Backup
PANCL	Claro	714	03	CLRPA	Panama	World Countries 1	Primary
PANCW	Cable & Wireless	714	01	CAWPA	Panama	World Countries 1	Secondary
PANDC	Digicel	714	04	DGCPA	Panama	World Countries 1	Backup
PANMS	Movistar	714	02	MVSPA	Panama	World Countries 1	Backup
PNGDP	Digicel	537	03	DGCPG	Papua New Guinea	World Countries 1	Primary
PNGPM	bmobile	537	01	BMOPG	Papua New Guinea	World Countries 1	Secondary
PRYHT	Claro	744	02	CLRPY	Paraguay	World Countries 1	Primary
PRYTC	Airtel	744	04	TIGPY	Paraguay	World Countries 1	Secondary
PRYVX	Vox	744	01	VOXPY	Paraguay	World Countries 1	Backup
PERN3	Nextel	716	17	NEXPE	Peru	World Countries 1	Primary
PERTM	Claro	716	10	CLAPE	Peru	World Countries 1	Secondary
PERMO	Movistar	716	06	MOVPE	Peru	World Countries 1	Backup

PHLSR	SMART Gold	515	03	SMPH	Philippines	World Countries 1	Primary
PHLGT	Globe	515	02	GLOPH	Philippines	World Countries 1	Secondary
POLKM	Plus	260	01	POLPL	Poland	European Countries	Primary
POLO3	Orange	260	03	ORGPL	Poland	European Countries	Secondary
POLO2	Era	260	02	ERAPL	Poland	European Countries	Backup
PRICL	Claro	330	110	CLRPR	Puerto Rico	World Countries 1	Secondary
QATB1	Vodafone	427	02	VFQA	Qatar	World Countries 1	Primary
FRARE	SRR	647	10	SRRRE	Reunion	World Countries 1	Primary
REUOT	Outremer	647	02	OTRRE	Reunion	World Countries 1	Secondary
RUS01	MTS	250	01	MTSRU	Russian Federation	World Countries 1	Primary
RUSNW	Megafon	250	02	MEGRU	Russian Federation	World Countries 1	Secondary
RUS03	NCC	250	03	NCCRU	Russian Federation	World Countries 1	Backup
RUSUT	Rostelecom	250	17	RTCRU	Russian Federation	World Countries 1	Backup
RWATG	Tigo	635	13	TIGRW	Rwanda	World Countries 1	Primary
RWAAR	Airtel	635	14	ATLRW	Rwanda	World Countries 1	Secondary
WSMDP	Digicel	549	01	DGCWS	Samoa	World Countries 1	Primary
SAUZN	Zain	420	04	ZAISA	Saudi Arabia	World Countries 1	Primary
SAUJ	STC Al Jawal	420	01	STCSA	Saudi Arabia	World Countries 1	Secondary
SENAZ	Orange	608	01	ORGSN	Senegal	World Countries 1	Secondary
SRBNO	VIP	220	05	VIPRS	Serbia	World Countries 1	Primary
YUGMT	Telenor	220	01	TNRRS	Serbia	World Countries 1	Secondary
YUGTS	mts	220	03	MTSRS	Serbia	World Countries 1	Backup
SYCAT	Airtel	633	10	AIRSC	Seychelles	World Countries 1	Primary
SLECT	Airtel	619	01	ATLSL	Sierra Leone	World Countries 3	Primary
SGPSH	StarHub	525	05	SHBSG	Singapore	World Countries 1	Primary
SGPST	SingTel	525	01	SINSG	Singapore	World Countries 1	Secondary
SGPM1	M1	525	03	MBNSG	Singapore	World Countries 1	Backup
SVKGT	Orange	231	01	ORGSK	Slovakia	European Countries	Primary
SVKET	T-Mobile	231	02	TMBSK	Slovakia	European Countries	Backup
SVKO2	O2_slovakia	231	06	O2SK	Slovakia	European Countries	Secondary
SVNSM	SI Mobil	293	40	VFSI	Slovenia	European Countries	Primary
SVNVG	Tusmobil	293	70	TUSSI	Slovenia	European Countries	Backup
SVNMT	Mobitel	293	41	MTLSI	Slovenia and Kosovo	European Countries	Secondary

SLBBM	BeMobile	540	02	BMOSB	Solomon Islands	World Countries 1	Primary
SSDZS	Zain	659	06	ZAISS	South Sudan	World Countries 1	Primary
LKA71	Mobitel	413	01	MOTLK	Sri Lanka	World Countries 1	Primary
LKAAT	Airtel	413	05	ATLLK	Sri Lanka	World Countries 1	Backup
LKACT	Etisalat	413	03	ETILK	Sri Lanka	World Countries 1	Backup
LKAHT	Hutch	413	08	HUTLK	Sri Lanka	World Countries 1	Backup
SURDC	Digicel	746	03	DGCSR	Suriname	World Countries 1	Primary
SWEEP	Telenor (Net4Mobility)	240	08	TNRSE	Sweden	European Countries	Secondary
SWEIQ	Tele 2 (Net4Mobility)	240	07	T2SE	Sweden	European Countries	Primary
CHEDX	Sunrise	228	02	SUNCH	Switzerland	European Countries	Secondary
CHEC1	Swisscom	228	01	SWCCH	Switzerland and Linchenstein	European Countries	Primary
TWNFE	Far EasTone	466	01	FETTW	Taiwan, Province of China	World Countries 1	Primary
TWNLD	Chunghwa	466	92	CNGTW	Taiwan, Province of China	World Countries 1	Secondary
TJKBM	Babilon Mobile	436	04	BBLTJ	Tajikistan	World Countries 2	Primary
THACA	Real Future	520	04	RFUTH	Thailand**	World Countries 1	Primary
THAWN	AIS	520	03	AWNTH	Thailand**	World Countries 1	Secondary
TGOTL	Moov	615	03	MOVTG	Togo	World Countries 1	Primary
TONDP	Digicel	539	88	DGCTO	Tonga	World Countries 1	Primary
TON01	U-call	539	01	UCLTO	Tonga	World Countries 1	Secondary
TTODL	Digicel	374	130	DGCTT	Trinidad and Tobago	World Countries 1	Primary
UGAMN	MTN	641	10	MTNUG	Uganda	World Countries 1	Primary
UGACE	Airtel	641	01	AIRUG	Uganda	World Countries 1	Secondary
UGAWT	Warid	641	22	WARUG	Uganda	World Countries 1	Backup
UKRUM	MTS	255	01	MTSUA	Ukraine	World Countries 1	Primary
UKRAS	Life	255	06	LIFUA	Ukraine	World Countries 1	Secondary
UKRUT	UKRTelecom	255	07	UKRUA	Ukraine	World Countries 1	Backup
AREDU	du	424	03	DUAE	United Arab Emirates	World Countries 2	Primary
USAW6	T-Mobile	310	260	TMBUS	United States	World Countries 1	Primary
USAUN	Union Telephone Company	310	020	UNIUS	United States	World Countries 1	Secondary
USABT	Bug Tussel Wireless	311	330	BTSUS	United States	World Countries 1	Backup
USACI	Viaero	310	450	VIAUS	United States	World Countries 1	Backup
USACW	Immix	310	690	IMMUS	United States	World Countries 1	Backup
USAGC	Alaskan Wireless Network	310	050	AWNUS	United States	World Countries 1	Backup

USANW	NewCore	311	530	NCWUS	United States	World Countries 1	Backup
USARB	Manx NA	310	720	MNXUS	United States	World Countries 1	Backup
URYAN	Ancel	748	01	ANCUY	Uruguay	World Countries 1	Primary
URYAM	Claro	748	10	CLRUY	Uruguay	World Countries 1	Secondary
URYTM	Movistar	748	07	MOVUY	Uruguay	World Countries 1	Backup
UZBDU	Beeline	434	04	BLNUZ	Uzbekistan	World Countries 1	Primary
UZB07	UMS	434	07	UMSUZ	Uzbekistan	World Countries 1	Secondary
VUTDP	Digicel	541	05	DGCVU	Vanuatu	World Countries 1	Primary
VENMS	Movistar	734	04	MOVVE	Venezuela	World Countries 1	Primary
VENMV	Movilnet	734	06	MVNVE	Venezuela	World Countries 1	Secondary
VNMVI	Vinaphone	452	02	VINVN	Vietnam	World Countries 4	Primary
VNMVM	VietnaMobile	452	05	VIMVN	Vietnam	World Countries 4	Secondary
VNMVT	Viettel	452	04	VIEVN	Vietnam	World Countries 4	Backup
VGBCC	CCT	348	570	CCTVG	Virgin Islands (British)	World Countries 1	Backup
YEMSP	MTN	421	02	SPTYE	Yemen	World Countries 2	Primary
YEMSA	Sabafon	421	01	SBFYE	Yemen	World Countries 2	Secondary
ZMBCE	Airtel	645	01	ZAIZM	Zambia	World Countries 1	Primary
ZMB02	MTN	645	02	MTNZM	Zambia	World Countries 1	Secondary
ZWEET	Econet Zimbabwe	648	04	ECOZW	Zimbabwe	World Countries 3	Primary
ZWEN3	Zimbabwe,Telecel Zimbabwe	648	03	TLCZW	Zimbabwe	World Countries 3	Secondary

2021 04