

GSM Roaming Countries	GSM (Mobile) Operator(s) & Network(s)	Country code	Technology / Frequency
Afghanistan	Telecom Development Company Afghanistan Ltd (TDCA)	93	GSM 900
Afghanistan	Afghanistan Wireless Communication (AWCC)	93	GSM 900
Afghanistan	ETISALAT	93	GSM 900/1800
Afghanistan	Areeba (MTN)	93	GSM 900/1800
Albania	Albanian Mobile Communications (A M C MOBIL)	355	GSM 900
Albania	Vodafone Albania	355	GSM 900/1800
Albania	Eagle Mobile		GSM 900/1800
Algeria	Algerie Telecom (AMN)	213	GSM 900
Algeria	Orascom Telecom Algeria Spa (Djezzy)	213	GSM 900/1800
Algeria	Wataniya Telecom Algeria	213	GSM 900
Andorra	S.T.A (MOBILAND)	376	GSM 900
Angola	UNITEL S.a.r.l.	244	GSM 900
Anguilla	Cable & Wireless (West Indies) Ltd. Anguilla	1-264	GSM 850/1800
Anguilla	Mossel (Jamaica) Ltd (Digicel)	1-264	GSM 850/1900
Antigua & Barbuda	Digicel antigua e barbuda	1-268	GSM 850/1900
Antigua & Barbuda	Cable & Wireless Caribbean Cellular (Antigua) Limited	1-268	GSM 850
Argentina	Telecom Personal SA (Personal)	54	GSM 1900 -3G
Argentina	Telefonica Comunicaciones Personales SA (UNIFON/ Movistar)	54	GSM 1900
Armenia, Republic of	ArmenTel (ARMGSM)	374	GSM 900
Armenia, Republic of	K Telecom - Vivacel-	374	GSM 900/1800
Aruba	(Digicel Mossel-Aruba-) *	297	GSM 900/1900
Aruba	(Digicel Mossel-JAMAICA-)	297	GSM 900/1900
Aruba	SETAR (Servicio di Telecomunicacion di Aruba) (SETAR GSM - GSM 900-1800-1900)	297	GSM 900/1900
Australia	Singtel Optus Limited (YES OPTUS)	61	GSM 900/1800 -3G
Australia	Telstra Corporation Limited (Telstra MobileNet)	61	GSM 900/1800 -3G
Australia	Vodafone Pacific Limited	61	GSM 900/1800
Australia	Hutchinson 3G Australia	61	3G
Austria	Mobilkom Austria AG & Co KG (A1)	43	GSM 900/1800 -3G
Austria	Mobilkom Austria AG & Co KG (A1) (Additional IMSI)	43	GSM 900/1800
Austria	ONE GMBH	43	GSM 1800
Austria	ONE GMBH (Additional IMSI)	43	GSM 1800

Austria	T-Mobile + ex Teling	43	GSM 900/1800 -3G
Austria	T-Mobile -ex Teling-(Additional IMSI)	43	GSM 900/1800
Austria	Huchinson 3G Austria	43	3G
Azerbaijan, Republic of	Azercell Telecom B.M (AZERCELL GSM)	944	GSM 900
Azerbaijan, Republic of	J.V.Bakcell (BAKCELL GSM 2000)	944	GSM 900
Azerbaijan, Republic of	Azerfon	944	GSM 1800
Bahamas	The Bahamas Telecommunications Company Ltd-BTC-	1-242	GSM 1900
Bahrain	Batelco (BHR MOBILE PLUS)	973	GSM 900
Bahrain	Zain BH (ex MTC Vodafone)	973	GSM 900/1800
Bangladesh	GrameenPhone Ltd	880	GSM 900
Bangladesh	TM Int'l (Bangladesh) Ltd (AKTEL)	880	GSM 900
Barbados	Cable and wireless	1-246	GSM 850/1900
Barbados	Digicel (Barbados) Limited	1-246	GSM 900/1800/1900
Belarus, Republic of	JLLC Mobile TeleSystems (MTS)	375	GSM 900/1800
Belarus, Republic of	Mobile Digital Communications (VELCOM)	375	GSM 900/1800
Belarus, Republic of	Best Belarus	375	GSM 900/1800
Belgium	BASE NV/SA	32	GSM 1800
Belgium	Belgacom Mobile (PROXIMUS)	32	GSM 900/1800 -3G
Belgium	Mobistar S.A.	32	GSM 900/1800 -3G
Belize	Belize Telecommunications Ltd	501	GSM 1900
Benin	Arreba (ex Spacetel-Benin)	229	GSM 900
Bermuda	Mobility Limited (BTC MOBILITY LTD.)	1-441	GSM 1900
Bermuda	Digicel (ex Cingular)	1-441	GSM 1900
Bolivia	Entel SA	591	GSM 1900
Bolivia	Nuevatel	591	GSM 1900
Bosnia Herzegovina	HT Mobile communication (ex Eronet Mobile)	387	GSM 900
Bosnia Herzegovina	RS Telecommunication- Mobi's- M Tel	387	GSM 900/1800
Bosnia Herzegovina	BH Telecom Sarajevo (GSMBIH)	387	GSM 900
Botswana	Orange (Botswana) Pty Limited	267	GSM 900
Brazil	TIM Celular S.A. (TIM BRASIL)	55	GSM 1800
Brazil	TIM Celular S.A. (TIM BRASIL)	55	GSM 1800
Brazil	TIM Celular S.A. (TIM BRASIL)	55	GSM 1800
Brazil	TNL PCS S.A.	55	GSM 1800
Brazil	Brasil Telecom Cellular	55	GSM 900/1800

British Virgin Islands	CCT Boatphone	1-284	GSM 900/1800
Brunei Darussalam	B Mobile	673	3G
Bulgaria	Cosmo Bulgaria Mobile EAD (GLOBUL)	359	GSM 900/1800
Bulgaria	MobilTEL AD (M-TEL GSM BG)	359	GSM 900/1800 -3G
Bulgaria	BTC Mobile	359	GSM 900/1800
Burkina Faso	Celtel Burkina Faso	226	GSM 900
Burkina Faso	Onatel	226	GSM 900
Burkina Faso	Telecel Faso SA	226	GSM 900
Burundi	Telecel-Burundi Company	257	GSM 900
Cambodia, Kingdom of	CamGSM (MOBITEL)	855	GSM 900
Cambodia, Kingdom of	Cambodia Smart Comm.(SAMART) -ex casacom-	855	GSM 900
Cambodia, Kingdom of	Mfone (ex Cambodia Shinawatra)	855	GSM 1800
Cameroon	MTN Cameroon Ltd	237	GSM 900
Cameroon	Orange Cameroun S.A.	237	GSM 900
Canada	Rogers (ex Microcell Telecommunications Inc -Fido)	1	GSM 1900
Canada	Rogers Wireless	1	GSM 1900
Cape Verde	Cabo Verde Telecom (CVMOVEL)	238	GSM 900
Cape Verde	T+ Cape Verde	238	GSM 900/1800
Cayman Islands	Cable & Wireless (Cayman Islands) Limited	1-345	GSM 850/1900
Cayman Islands	Digicel (Cayman Islands) Mossel Jamaica	1-345	GSM 900/1800
Chad	CelTel Tchad SA	235	GSM 900
Chad	Millicom Chad	235	GSM 900
Chile	Entel PCS Telecomunicaciones S.A	56	GSM 1900
Chile	Telefonica Movil de Chile	56	GSM 850/1900
Chile	Claro	56	GSM 850/1900
China, Peoples Republic of	China Mobile Communication Corp.	86	GSM 900
China, Peoples Republic of	China Mobile Communication Corp. (Additional IMSI)	86	GSM 900
China, Peoples Republic of	China Unicom (CU-GSM)	86	GSM 900
Colombia	Colombia Movil SA (tigo)	57	GSM 1900
Colombia	COMCEL	57	GSM 850/1900
Colombia	Telefonica Moviles	57	GSM 850/1900
Comoros	Societe Nationale des Postes et Telecommunications (SNPT) (HURI)	269	GSM 900
Congo	CelTel- ZAIN	242	GSM 900
Congo	Libertis Telecom	242	GSM 900

Congo, Democratic Rep. of	Celtel Congo (CelTel Congo SA)	243	GSM 900/1800
Congo, Democratic Rep.of	Vodacom Congo (RDC) sprl	243	GSM 900/1800
Costa Rica	I.C.E. (Instituto Costarricense de Electricidad)	506	GSM 1800
Cote d'Ivoire	Loteny Telecom (TELECEL)	225	GSM 900
Cote d'Ivoire	Orange Cote D'Ivoire S.A. (Orange CI)	225	GSM 900
Croatia	TMobile Croazia (HTmobile)	385	GSM 900 -3G
Croatia	VIPnet d.o.o.	385	GSM 900
Croatia	Tele 2	385	GSM 1800
Cuba	C_Com	53	GSM 900
Cyprus	CYTAGSM	357	GSM 900/1800
Cyprus	MTN Cypro (exAREEBA ex Scancom)	357	GSM 900/1800
Czech Republic	Vodafone (Cesky Mobil -Oskar Mobil)	420	GSM 900/1800
Czech Republic	Telefonica O2 (ex Eurotel Praha).	420	GSM 900/1800
Czech Republic	T-Mobile Czech Republic a.s.	420	GSM 900/1800 -3G
Denmark	Sonofon	45	GSM 900/1800
Denmark	Sonofon (Additional IMSI)	45	GSM 900/1800
Denmark	TDC Mobil A/S	45	GSM 900/1800
Denmark	Telia A/S Denmark (TELIA DK)	45	GSM 900/1800
Denmark	Telia A/S Denmark (TELIA DK) (Additional IMSI)	45	GSM 900/1800
Denmark	H3G	45	3G
Djibouti, Republic of	Djibouti Telecom SA (Evatis)	253	GSM 900
Dominica	Cable & Wireless Dominica Ltd	1-767	GSM 850
Dominica	Digicel (ex Cingular)	1-767	GSM 900/1900
Dominican Republic	Orange Dominicana S.A.	1-809	GSM 900/1800/1900
Dominican Republic	Trilogy Dominicana	1-809	GSM 1900
East Timor	Timor Telecom	670	GSM 900
Ecuador	Conecel S.A. (Consortio Ecuatoriano de Telecomunicaciones S.A.)	593	GSM 850
Ecuador	Telefonica Moviles	593	GSM 850
Egypt	The Egyptian Company for Mobile Services (ECMS-MobiNil)	20	GSM 900
Egypt	ETISALAT MISR - Egitto	20	GSM 900/1800
Egypt	Vodafone Egypt Telecommunications S.A.E.	20	GSM 900 -3G
El Salvador	CTE Telecom Personal SA de CV	503	GSM 1900
El Salvador	DIGICEL, S.A. de C.V.	503	GSM 900

El Salvador	Telemovil EL Salvador S.A	503	GSM 850
El Salvador	Telefonica Movile El Salvador	503	GSM 850
Equatorial Guinea	Orange-Getesa	240	GSM 900
Estonia	AS EMT (EMT GSM)	372	GSM 900/1800
Estonia	Radiolinja Eesti AS	372	GSM 900/1800
Estonia	Tele2 Eesti AS	372	GSM 900/1800
Ethiopia	Ethiopian Telecoms Auth. (ETMTN)	251	GSM 900
Faroe Islands	Faroese Telecom (Faroese Telecom GSM)	298	GSM 900
Faroe Islands	Vodafone Faroe (ex KALL)	298	GSM 900
Fiji	Vodafone Fiji Ltd	679	GSM 900
Finland	Alands Mobiltelefon Ab	358	GSM 900
Finland	DNA FINNET NETWORKS (fusa conSuomen 2G Oy)	358	GSM 900/1800 -3G
Finland	DNA FINNET NETWORKS (fusa conSuomen 2G Oy) (Additional IMSI)	358	GSM 900/1800 -3G
Finland	Elisa corporation (ex Radiolinja Origo Oy)	358	GSM 900/1800 -3G
Finland	ELISA (Additional IMSI)	358	GSM 900/1800 -3G
Finland	Telia Sonera (Sonera)	358	GSM 900/1800 -3G
France	Bouygues Telecom	33	GSM 900/1800 -3G
France	Orange France	33	GSM 900/1800 -3G
France	SFR	33	GSM 900/1800 -3G
French Guiana (F. West Indies)	Digicel (ex Bouygues Telecom Caraibe)	594	GSM 900
French Guiana (F. West Indies)	Orange Caraibe	594	GSM 900
French Polynesia	Tikiphone S.A (VINI)	689	GSM 900
Gabon, Republic of	Zain (ex Celtel)	241	GSM 900
Gambia	Africell (Gambia) Ltd	220	GSM 900
Georgia	Geocell Limited	995	GSM 900
Georgia	Magti Com (Magti GSM)	995	GSM 900
Germany	E-Plus Mobilfunk GmbH	49	GSM 1800 -3G
Germany	O2 (Germany) GmbH & Co. OHG	49	GSM 1800 -3G
Germany	O2 (Germany) GmbH & Co. OHG (Additional IMSI)	49	GSM 1800
Germany	T-Mobile Deutschland GmbH (D1)	49	GSM 900/1800 -3G
Germany	Vodafone D2 GmbH	49	GSM 900/1800
Ghana	Ghana Telecommunications Company Ltd (Ghana Telecom Mobile)	233	GSM 900
Ghana	Millicom Ghana Limited (MOBITEL)	233	GSM 900
Ghana	MTN (ex Areeba) ScanCom Ltd (ex SPACEFON)	233	GSM 900

Gibraltar	Gibraltar Telecoms Int'l (Gibtel GSM)	350	GSM 900/1800
Greece	COSMOTE	30	GSM 900/1800
Greece	WIND HELLAS (TELESTET)	30	GSM 900/1800 -3G
Greece	WIND HELLAS (EX Q Hellas) *	30	GSM 900
Greece	Vodafone-Panafon	30	GSM 900
Greenland	Tele Greenland A/S	299	GSM 900/1800
Grenada	Cable & Wireless Grenada Ltd.	1-473	GSM 850
Grenada	Digicel (digicel-jamaica)	1-473	GSM 900/1900
Guadeloupe (F. West Indies)	Digicel (ex Bouygues Telecom Caraibe)	590	GSM 900
Guadeloupe (F. West Indies)	Dauphin Telecom	590	GSM 900/1800
Guadeloupe (F. West Indies)	Orange Caraibe	590	GSM 900
Guam	DOMOCOMO Pacific (ex Guam Wireless)	1-671	GSM 1900
Guatemala	SERCOM S.A.	502	GSM 900/1900
Guatemala	COMCEL-Comunicaciones Celulares Sociedad Anonima	502	GSM 850
Guatemala	Telefonica Mobile de Guatemala	502	GSM 1900
Guernsey	Cable & Wireless Guernsey Ltd	44	GSM 900
Guinea	Cellcom	224	GSM 900/1800
Guyana	Guyana Telephone & Telegraph	592	GSM 900
Guyana	Digicel Mossel	592	GSM 900
Haiti	Digicel Mossel	509	GSM 1800
Haiti	Comcel	509	GSM 850
Honduras	Sercom (ex Megatel)- Claro-	504	GSM 1900
Honduras	Telefonica Celular S.A (CELTEL)	504	GSM 850
Honduras	Digicel	504	GSM 1900
Hong Kong	CSL Hong Kong Limited	853	GSM 900/1800 -3G
Hong Kong	Hutchison Telecom (-Dual Band)	853	GSM 900/1800
Hong Kong	Hutchison Telecom (3G) (Additional IMSI)	853	3G
Hong Kong	CSL Hong Kong (EX New World PCS Mobility)	853	GSM 1800
Hong Kong	China Resources Peoples Company Limited	853	GSM 1800
Hong Kong	SmarTone Mobile Comms. Ltd.	853	GSM 900/1800 -3G
Hong Kong	Sunday Communications Ltd	853	GSM 1800
Hong Kong	Sunday Communications Ltd (Additional IMSI)	854	3G

Hungary	Pannon GSM Telecommunications	36	GSM 900/1800
Hungary	Vodafone Hungary Ltd	36	GSM 900/1800
Hungary	TMobile (exWestel Mobile)	36	GSM 900/1800 -3G
Iceland	IMC Island ehf (Viking Wireless)	354	GSM 1800
Iceland	Siminn (EX Iceland Telecom Ltd (LANDSSIMINN))	354	GSM 900/1800
Iceland	Og fjarskipti hf (oG vODAFONEGSM) (EX TAL- Isalnssimin)	354	GSM 900/1800
Iceland	Nova	354	3G
India	Vodafone Essar (ex Orange -ex Aircel Digilink India Limited -- Hutchinson Essar UP East)	91	GSM 900
India	Vodafone Essar (ex Orange (exAircel Digilink India Limited - Hutchinson Essar Rajasthan)	91	GSM 900
India	Orange (ex Aircel Digilink India Limited - Huchinson Essar Haryana)	91	GSM 900
India	Aircel Limited (Tamilnadu)	91	GSM 900
India	Vodafone Essar Cellular (ex Hutchinson Essar cellular ex BPL Cellular) Maharashtra/Goa	91	GSM 900
India	Vodafone Essar Cellular (ex Hutchinson Essar Cellular Limited ex BPL Cellular Limited) Tamil Nadu	91	GSM 900
India	Vodafone Essar Cellular (ex Hutchinson Essar Cellular Limited ex BPL Cellular Limited) Kerala	91	GSM 900
India	Loop Mobile (ex BPL Mobile Communications (Loop Mumbai)	91	GSM 900
India	Bharti AirTel - Delhi)	91	GSM 900
India	Bharti AirTel - Kolkata)	91	GSM 900
India	Bharti AirTel - Haryana)	91	GSM 1800
India	Bharti AirTel - Kerala)	91	GSM 1800
India	Bharti AirTel - Tamilnadu)	91	GSM 1800
India	Bharti AirTel - Uttar Pradesh (West)	91	GSM 1800
India	BhartiAirTel - Mumbai Metro)	91	GSM 1800
India	Bharti AirTel - Gujarat)	91	GSM 1800
India	Bharti AirTel - Maharashtra)	91	GSM 1800
India	Bharti AirTel - Madhya Pradesh)	91	GSM 1800
India	Bharti Airtel - Karnataka (ex bharti Mobile)	91	GSM 900
India	Bharti Airtel - Andhra Pradesh (ex Bharti Mobile)	91	GSM 900
India	Bharti AirTel - Punjab (ex Bharti Mobile)	91	GSM 900
India	Bharti Airtel Chennai(ex Bharti Mobinet AIRTEL)	91	GSM 900
India	Bharti Airtel - Himachal Pradesh Circle-(ex Bharti Telenet Ltd)	91	GSM 900
India	IDEA Cellular (ex ESCOTEL Haryana)	91	GSM 900
India	IDEA Cellular (ex Escotel UP(W))	91	GSM 900

India	IDEA Cellular (ex Escotel Kerala)	91	GSM 900
India	Vodafone Essar Gujarat (ex Fascel Limited)	91	GSM 900
India	Bharti Hexacom (ex Hexacom ex Oasis Cellular) Rajasthan e North East	91	GSM 900
India	Vodafone Essar (ex Hutchison Essar South Limited (HESL - Andhra Pradesh) ex Orange	91	GSM 900
India	Vodafone Essar (ex Hutchison Essar South Limited (HESL - Chennai)	91	GSM 900
India	Vodafone Essar (ex Hutchison Essar South Limited (HESL - Karnataka)	91	GSM 900
India	Vodafone Essar Mobile Services Ltd (ex Hutchison Essar Mobile Service) Delhi	91	GSM 900
India	Vodafone Essar (ex Hutchison Essar Limited (ex Orange ex Hutchinson Max) Mumbai	91	GSM 900
India	Vodafone Essar East (ex Hutchison Telecom East Limited) Calcutta	91	GSM 900
India	Vodafone Essar South limited -Uttar Pradesh West-	91	GSM 900
India	Vodafone Essar South limited -West Bengala-	91	GSM 900
India	Vodafone Essar South limited - Punjab-	91	GSM 900
India	IDEA Cellular (Maharashtra Circle) ex BTA cellular	91	GSM 900
India	IDEA Cellular Limited (IDEA - Andhra Pradesh Circle)	91	GSM 1800
India	IDEA Cellular Limited (IDEA - Gujarat Circle)	91	GSM 900
India	IDEA Cellular Limited (IDEA - Delhi Circle)	91	GSM 900
India	Mahanagar Telephone Nigam Ltd - Delhi	91	GSM 1800
India	Mahanagar Telephone Nigam Ltd - Mumbai	91	GSM 1800
India	Aircel Cellular Limited (ex RPG Cellular Service) city of Madras	91	GSM 900
India	Reliance Telecom Private Ltd	91	GSM 900
India	IDEA (ex SPICE - Punjab)	91	GSM 900
India	IDEA (ex Spice Karnataka)	91	GSM 900
India	BSNL	91	GSM 900
Indonesia	INDOSAT ("IM3")	62	GSM 1800
Indonesia	PT Natrindo Telepon Seluler (Axis -Lippo Telecom)	62	GSM 1800
Indonesia	INDOSAT (ex Satelindo)	62	GSM 900/1800
Indonesia	PT Telekomunikasi Selular (TELKOMSEL)	62	GSM 900/1800 -3G
Indonesia	PT. Excelcomindo (Excelcom)	62	GSM 900/1800
Indonesia	Hutchinson CP	62	GSM 1800
Indonesia	Mobile 8	62	CDMA
Iran	Taliya	98	GSM 900

Iran	KFZO -TKC- (ex Payam Kish)	98	GSM 900
Iran	MCI (ex TCI)	98	GSM 900/1800
Iraq	Asia Cell Company for Telecommunication	964	GSM 900
Iraq	Orascom Telecom Iraq Corporation	964	GSM 900
Iraq	Atheer Telecom Iraq (Zain)	964	GSM 900
Iraq	Korek telecom	964	GSM 900
Ireland	METEOR	353	GSM 900/1800
Ireland	O2 Communications (Ireland) Ltd	353	GSM 900/1800 -3G
Ireland	Vodafone Ireland Plc	353	GSM 900/1800
Ireland	Hutchinson 3G Ireland	353	3G
Isle of Man	Manx Telecom (Pronto GSM)	44	GSM 900
Isle of Man	Cloude 9	44	GSM 1800
Israel	Cellcom Israel Ltd	972	GSM 1800 -3G
Israel	Partner Communications Company Ltd (Orange)	972	GSM 900/1800 -3G
Israel	MIRS	972	IDEN
Israel	Pelephone	972	3G
Italy	TIM		
Jamaica	Cable & Wireless Jamaica Ltd (Cable and Wireless Jamaica Ltd)	1-876	GSM 1900
Jamaica	Mossel (Jamaica) Ltd (Digicel)	1-876	GSM 900/1800
Japan	NTT DoCoMo, Inc	81	CDMA -3G
Japan	Emobile	81	3G
Jersey	Jersey Telecom (JT GSM)	44	GSM 900
Jersey	Jersey Airtel Limited	44	GSM 900/1800 -3G
Jordan	Zain (Jordan Mobile Telephone /ex Fastlink - Jordan)	962	GSM 900
Jordan	Petra Jordanian Mobile Telecommunications Company-Orange (ex MobileCom)	962	GSM 900
Jordan	Xpress Jordan	962	IDEN
Jordan	Umniah Mobile Company -	962	GSM 1800
Kazakhstan	GSM Kazakhstan Ltd (K'CELL)	7	GSM 900
Kazakhstan	KaR-TeL LLP (K-MOBILE)	7	GSM 900
Kenya	Zain (ex Celtel ex Kencell)	254	GSM 900
Kenya	Safaricom Limited	254	GSM 900
Kenya	Telkom (Orange) Kenya	254	GSM 900/1800
Kosovo	Monaco Telecom	377	GSM 900

Kuwait	Mobile Telecommunications Co. (MTCNet)	965	GSM 900
Kuwait	National Mobile Telecommunications Co (Wataniya Telecom)	965	GSM 900/1800
Kyrgyz Republic	Sky Mobile (Bitel)	996	GSM 900
Lao	Millicom Lao Co Ltd	856	GSM 900/1800
Latvia	Bitè	371	GSM 900/1800
Latvia	Latvian Mobile Telephone Co (LMT GSM)	371	GSM 900/1800
Latvia	TELE2	371	GSM 900/1800
Lebanon	MIC (ex FTML)	961	GSM 900
Lebanon	LibanCell	961	GSM 900
Liberia	Cellcom	231	GSM 900/1800
Libya	EL MADAR Telecomm Company (ORBIT)	218	GSM 900
Liechtenstein	Mobilkom (Liechtenstein) AG (FL1)	423	GSM 900/1800
Liechtenstein	Orange (Liechtenstein) AG (Orange FL)	423	GSM 1800
Liechtenstein	Tele 2 Aktiengesellschaft (Tele 2 AG)	423	GSM 900
Liechtenstein	SWISSCOM MOBILE (ex Telecom FLAG)	423	GSM 900/1800
Lithuania	OMNITEL	370	GSM 900
Lithuania	UAB "Bite GSM" (Bite GSM)	370	GSM 900/1800
Lithuania	UAB "TELE2" (TELE2)	370	GSM 900/1800
Luxembourg	P+T Luxembourg (LUXGSM)	352	GSM 900/1800 -3G
Luxembourg	Tango S.A	352	GSM 900/1800
Luxembourg	VOXmobile S.A. (VOX.mobile)	352	GSM 900/1800 -3G
Macau	C.T.M. (TELEMOVE+ GSM900-Macau)	853	GSM 900/1800
Macau	Hutchison Telephone (Macau) Company Limited (Hutchison Telecom)	853	GSM 900/1800
Macau	SmarTone Mobile Communications (Macau) Ltd (SMC Macau)	853	GSM 900/1800
Macedonia, former Yugoslav Rep.	T-Mobile Macedonia (ex MOBIMAK)	389	GSM 900
Macedonia, former Yugoslav Rep.	COSMOFON (ex MTS -Skopje)	389	GSM 900
Madagascar	ZAIN (ex Celtel-ex Madacom)	261	GSM 900
Madagascar	Orange-ANTARIS	261	GSM 900/1800
Madagascar	Telma Mobile	261	GSM 900
Malawi	CelTel- ZAIN	265	GSM 900
Malawi	Telekom Network Malawi	265	GSM 900
Malaysia	Celcom (Malaysia) Sdn Bhd	60	GSM 900

Malaysia	Digi Telecommunications Sdn Bhd	60	GSM 1800
Malaysia	MMSSB	60	GSM 900 -3G
Malaysia	U Mobile	60	3G
Maldives	Dhivehi Raajjeyge Gulhun Private Ltd GSM 900 (DhiMobile GSM 900)	960	GSM 900
Maldives	Wataniya Telecom Maldives Pvt. Ltd (WMOBILE)	960	GSM 900
Mali	Orange (ex IKATEL SA)	223	GSM 900
Malta	Mobisle Communications Limited (go mobile)	356	GSM 1800 -3G
Malta	Vodafone Malta Limited	356	GSM 900 -3G
Malta	Melita	356	3G
Martinique(French West Indies)	Digicel (ex Bouygues Telecom Caraibe)	596	GSM 900
Martinique(French West Indies)	Orange Caraibe	596	GSM 900
Mauritania	MAURITEL MOBILES	222	GSM 900
Mauritius	Cellplus Mobile Comms	230	GSM 900
Mauritius	Emtel Ltd	230	GSM 900
Mayotte	Societe Reunionnaise de Radiotelephone (SRR REUNION)	262	GSM 900
Mexico	Telefonica Messico (MOVISTAR) Pegaso Comunicaciones	52	GSM 1900
Mexico	Radiomovil Dipsa (TELCEL)	52	GSM 1900
Moldova, Republic of	Moldcell SA	373	GSM 900
Moldova, Republic of	Orange) (VoXtel S.A.)	373	GSM 900
Mongolia	MobiCom	976	GSM 900
Montenegro	T-Mobile Montenegro (ex Monet)	382	GSM 900
Montenegro	ProMonte GSM (YU 02)	382	GSM 900/1800
Montenegro	MTEL	382	GSM 900/1800
Montserrat	Cable & Wireless West Indies Ltd (Montserrat)	1-664	GSM 850
Morocco	Itissalat Al-Maghrib S.A (I A M)	212	GSM 900
Morocco	Medi Telecom (Meditel)	212	GSM 900
Mozambique	Mocambique Celular Ltd (mCel)	258	GSM 900
Mozambique	VM, S.A.R.L.(Vodacom Mozambique)	258	GSM 900
Nagorno Karabakh Region	Karabakh Telecom (NKR GSM)	374	GSM 900
Namibia	MTC	264	GSM 900
Namibia	PowerCom (Cell one)	264	GSM 900/1800
Nepal	Nepal Telecommunications Corporation (Nepal Mobile)	977	GSM 900
Nepal	Spice	977	GSM 900/1800

Netherlands	KPN Mobile The Netherlands BV	31	GSM 900/1800 -3G
Netherlands	Orange Nederland N.V. (acquisto Tmobile)	31	GSM 1800 -3G
Netherlands	T-Mobile Netherlands (T-Mobile NL)	31	GSM 1800
Netherlands	Vodafone Libertel N.V	31	GSM 900/1800
Netherlands	KPN additional IMSI((Telfort fuso con KPN)	31	GSM 1800
Netherlands Antilles	Digicel Mossel (ex Curacao)	599	GSM 900/1800
Netherlands Antilles	Setel NV (UTS Wireless Curacao)	599	GSM 900/1800
Netherlands Antilles	Telcell N.V.	599	GSM 900
New Zealand	Vodafone Mobile NZ Limited	64	GSM 900
New Zealand	NZC New Zeland	64	GSM 1800
Nicaragua	Empresa Nicaraguense ENITEL (CLARO)	505	GSM 1900
Nicaragua	Telefonica Celular de Nicaragua	505	GSM 850
Niger	Celtel Niger	227	GSM 900
Niger	Telecel	227	GSM 900
Nigeria	Econet Wireless Nigeria- Celtel-	234	GSM 900/1800
Nigeria	Globacom Ltd (Glo Mobile)	234	GSM 1800
Nigeria	MTN Nigeria Communications Limited	234	GSM 900/1800
Norway	NETCOM AS	47	GSM 900/1800 -3G
Norway	Telenor Mobil	47	GSM 900/1800 -3G
Norway	Mobile Network (Network Norway)	47	GSM 900
Oman, Sultanate of	Oman Telecommunications Company (OMAN MOBILE)	968	GSM 900
Oman, Sultanate of	Nawras	968	GSM 900
Pakistan	Mobilink	92	GSM 900
Pakistan	Pak Telecom Mobile Ltd (Ufone)	92	GSM 900
Pakistan	Warid Telecom	92	GSM 900/1800
Palestinian Authority	Palestine Telecomm Co Ltd (Palestine Telecommunications Co. P.L.C)	970; 972	GSM 900
Panama, Republic of	Cable & Wireless Panama	507	GSM 850
Panama, Republic of	Telefonica	507	GSM 850
Panama, Republic of	Digicel	507	GSM 1900
Paraguay	Hola Paraguay S.A. (VOX)	595	GSM 1900
Paraguay	Claro (ex AMX/CTI)	595	GSM 1900
Paraguay	Telefonica Celular Del Paraguay S.A. (Telecel S.A.)	595	GSM 850
Paraguay	Nucleo	595	GSM 850/1900

Peru	CLARO (ex TIM Peru)	51	GSM 1900
Peru	Telefonica Movile-O2	51	GSM 850/1900
Philippines	Digital Telecommunications Phils, Inc (Digitel Mobile/Sun Cellular)	63	GSM 900
Philippines	Globe Telecom, GMCR Inc.	63	GSM 900
Philippines	Smart Communications Inc. (Smart Gold GSM)	63	GSM 900/1800
Poland	PTK Centertel (IDEA) Orange	48	GSM 900/1800 -3G
Poland	Polkomtel S.A (PLUS GSM)	48	GSM 900/1800 -3G
Poland	Polska Telefonía Cyfrowa (Era)	48	GSM 900/1800 -3G
Poland	P4	48	3G
Portugal	Optimus Telecomunicacoes, S.A	351	GSM 900/1800 -3G
Portugal	Telecomunicacoes Moveis Nacionais S.A (TMN)	351	GSM 900/1800 -3G
Portugal	Vodafone Telecel	351	GSM 900/1800
Puertorico	AT&T (ex Cingular)	1-787	GSM 1900
Puertorico	T-Mobile (ex Suncom)	1-939	GSM 1900
Puertorico		1-939	GSM 1900
Qatar	Q-Tel (QATARNET)	262	GSM 900
Reunion (La)	Orange Reunion	262	GSM 900/1800
Reunion (La)	Societe Reunionnaise de Radiotelephone (SRR REUNION)	262	GSM 900
Romania	Cosmote (ex Cosmorum S.A.)	40	GSM 900/1800
Romania	Vodafone (ex MobiFon S.A/CONNEX GSM)	40	GSM 900 -3G
Romania	Orange Romania SA	40	GSM 900/1800 -3G
Romania	RCS-RDS	40	3G
Russia	BaykalWestCom (ex Far Eastern Cellular)	7	GSM 900/1800
Russia	Uralsvyazinform (ex Ermak)	7	GSM 900/1800
Russia	Uralsvyazinform (ex Uratel)	7	GSM 900/1800
Russia	LLC – MOTIV (Russia)	7	GSM 1800
Russia	Vimpelcom- Bee line (ex KB Impuls + ex Extel + ex Stav telesot)	7	GSM 900/1800
Russia	MegaFon, Open Joint Stock Company	7	GSM 900/1800
Russia	Mobile Tele Systems- MTS	7	GSM 900/1800
Russia	New Telephone Company (NTC)	7	GSM 900/1800
Russia	Nizhegorodskaya Cellular Communications (NCC)	7	GSM 900
Russia	TELE 2 (EX Rostov Cellular Communications)	7	GSM 1800
Russia	Yeniseytelecom (ex Siberian Cellular Systems-900 (SCS-900)	7	GSM 900/1800

Russia	Smarts (ex Zao SMARTS)	7	GSM 900/1800
Russia	SMARTS (Additional IMSI)	7	GSM 1800
Rwanda, Republic of	MTN Rwandacell Sarl	250	GSM 900
Samoa	Digicel	685	GSM 900
Satellite	Elsacom	39	GSM Satellite
Satellite	Globalstar (Canada)	1	GSM Satellite
Satellite	Globalstar (Russia)	7	GSM Satellite
Satellite	Globalstar (Argentina)	54	GSM Satellite
Satellite	Globalstar (Francia)	33	GSM Satellite
Satellite	Thuraya Satellite Telecommunications Company	882	GSM Satellite
Saudi Arabia	Saudi Telecom Company (STC) (AL JAWAL)	966	GSM 900
Saudi Arabia	Etisalat(Mobility)	966	GSM 900
Saudi Arabia	ZAIN SD		GSM 900/1800
Senegal	Sentel GSM	221	GSM 900
Senegal	Sonatel (ALIZE)	221	GSM 900
San Marino	San Marino Telecom	378	
Serbia	Telenor (ex MOBTEL)	381	GSM 900/1800
Serbia	Telekom Srbija a.d. (Mobilna Telefonija Srbije)	381	GSM 900/1800
Seychelles	Cable & Wireless (Seychelles) Ltd	248	GSM 900
Seychelles	Telecom (Seychelles Limited) (AIRTEL)	248	GSM 900
Sierra Leone	Celtel-ZAIN	232	GSM 900
Singapore	MobileOne Ltd	65	GSM 900
Singapore	Singapore Telecom Mobile Pte Ltd GSM 900) (SingTel)	65	GSM 900/1800 -3G
Singapore	Singapore Telecom Mobile (SingTel)	65	GSM 1800
Singapore	StarHub Pte Ltd	65	GSM 1800 -3G
Slovak Republic	TMobile Slovenko	421	GSM 900/1800
Slovak Republic	Orange Slovensko a.s (Orange SK)	421	GSM 900/1800 -3G
Slovak Republic	Telefonica O2	421	GSM 900/1800
Slovenia	Mobitel d.d	386	GSM 900/1800
Slovenia	SI.Mobil d.d	386	GSM 900/1800
Slovenia	Tusmobil	386	GSM 900/1800
Somalia	Nationlink	252	GSM 900
South Africa	Cell C (Pty) Ltd	27	GSM 1800
South Africa	MTN (Pty) Ltd	27	GSM 900
South Africa	Vodacom Group Pty Ltd.	27	GSM 900 -3G

South Korea	KT Freetel Co., Ltd (KT ICOM)	82	CDMA -3G
South Korea	KT Freetel Co., Ltd (KT ICOM) (Additional IMSI)	82	CDMA -3G
South Korea	SK Telecom	82	CDMA -3G
Spain	VODAFONE (ex Airtel Movil S.A)	34	GSM 900/1800 -3G
Spain	VODAFONE (ex Airtel Movil S.A) (Additional IMSI)	34	GSM 900/1800
Spain	France TELECOM Espania - Orange- (ex Retevision Movil ex AMENA)	34	GSM 900/1800
Spain	Telefonica Moviles España S.A. (MOVISTAR)	34	GSM 900/1800 -3G
Spain	Telefonica Moviles España S.A. (MOVISTAR) (Additional IMSI)	34	GSM 900/1800
Spain	Xfera Moviles SA	34	3G
Sri Lanka	Tigo (ex Celltel Lanka Limited)	94	GSM 900
Sri Lanka	MTN Networks (Pvt) Ltd (DIALOG GSM)	94	GSM 900
Sri Lanka	Mobitel (Pvt) Limited	94	GSM 1800
St. Barthelemy (F. West Indies)	Digicel (ex Bouygues Telecom Caraibe)	596	GSM 900
St. Barthelemy (F. West Indies)	Dauphin Telecom	590	GSM 900/1800
St Kitts & Nevis	Cable & Wireless St Kitts & Nevis Limited	1-869	GSM 850/1900
St Kitts & Nevis	Digicel/Mossel	1-869	GSM 900/1800
St Lucia	Digicel/Mossel	1-758	GSM 900/1800/1900
St Lucia	Cable & Wireless St Lucia	1-758	GSM 850
St. Martin (Frenche West Indies)	Digicel (ex Bouygues Telecom Caraibe)	596	GSM 900
St. Martin (Frenche West Indies)	Dauphin Telecom	590	GSM 900/1800
St Vincent & The Grenadines	Cable & Wireless Caribbean Cellular (St Vincent & the Grenadines) Ltd	1-784	GSM 850
St Vincent & The Grenadines	Digicel (St Vincent and Grenadines) Limited	1-784	GSM 900/1800
Sudan	ZAIN SD (ex Mobitel)	249	GSM 900
Sudan	Areeba	249	GSM 900
Suriname	Telesur (TELESUR.GSM)	597	GSM 900/1800
Suriname	Digicel	597	GSM 900-1800
Sweden	Tele 2 AB (COMVIQ)	46	GSM 900 -3G
Sweden	Tele 2 AB (COMVIQ) (Additional IMSI)	46	GSM 900 -3G
Sweden	Telia Mobile	46	GSM 900/1800
Sweden	Telia Mobile	46	3G
Sweden	Telenor (Vodafone group)	46	GSM 900/1800 -3G
Sweden	HI3GAccess AB	46	3G

Switzerland	Orange Communications S.A	41	GSM 1800 -3G
Switzerland	Swisscom Mobile Ltd (SWISS GSM)	41	GSM 900/1800 -3G
Switzerland	TDC Switzerland AG (sunrise)	41	GSM 900/1800
Switzerland	Tele 2 switzerland	41	GSM 1800
Syria	MTN Syria (ex Areeba, ex Spacetel Syria 94)	963	GSM 900/1800
Syria	Syriatel Mobile Telecom SA	963	GSM 900
Taiwan	Chunghwa Telecom LDM (LDTA GSM)	886	GSM 900/1800
Taiwan	Far EastOne Telecommunications GSM 900/1800 (Far EastOne GSM 900/1800)	886	GSM 900/1800
Taiwan	KG Telecom	886	GSM 1800
Taiwan	VIBO TELECOM	886	3G
Taiwan	Taiwan Mobile	886	GSM 1800
Taiwan	Taiwan MobilE (ex Mobitai) (Additional IMSI)	886	GSM 900
Taiwan	TransAsia Telecommunications	886	GSM 900
Tajikistan	Indigo Tajikistan SOUTH	992	GSM 900
Tajikistan	Indigo Tajikistan NORTH	992	GSM 900
Tajikistan	Babilon	992	GSM 900
Tanzania	Celtel Tanzania Limited	255	GSM 900
Tanzania	MIC Tanzania Ltd (Mobitel)	255	GSM 900
Tanzania	Vodacom Tanzania Ltd	255	GSM 900/1800
Tanzania	Zanzibar Telecom (ZANTEL)	255	GSM 900/1800
Thailand	Advanced Info Service PLC (AIS GSM)	66	GSM 900
Thailand	True Move (ex Orange)	66	GSM 1800
Thailand	Total Access Communications Co (DTAC)	66	GSM 1800
Togo	Togo Telecom (TOGOCEL)	228	GSM 900
Trinidad and Tobago	Telecommunications Services of Trinidad and Tobago Ltd (TSTT)	1-868	GSM 1800
Trinidad and Tobago	Digicel Mossel	1-868	GSM 850/1900
Tunisia	Orascom Telecom Tunisie (TUNISIANA)	216	GSM 900
Tunisia	Tunisie Telecom (TUNTEL)	216	GSM 900
Turkey	AVEA (ex ARIA)	90	GSM 1800
Turkey	AVEA (ex AYCELL)	90	GSM 1800
Turkey	Vodafone (ex TELSİM)	90	GSM 900
Turkey	Turkcell İletişim Hizmetleri A.S.	90	GSM 900
Turkmenistan	Barash Communication Technologies Inc. (BCTI)	993	GSM 900

Turks & Caicos Islands	Cable & Wireless West Indies Ltd (Turks & Caicos)	1-649	GSM 850
Turks & Caicos Islands	Digicel Mossel	1-649	GSM 900/1800/1900
Uganda	Zain (CeTel Cellular)	256	GSM 900
Uganda	MTN Uganda Ltd (MTN-Uganda)	256	GSM 900
Uganda	Uganda Telecom Ltd (mango)	256	GSM 900
Ukraine	Golden Telecom LLC	380	GSM 1800
Ukraine	Kyivstar GSM JSC	380	GSM 900/1800
Ukraine	MTS Ukraina (ex UMC)	380	GSM 900/1800
Ukraine	Ukrainian Radio Systems (Beeline)	380	GSM 900/1800
Ukraine	Astelit	380	GSM 900/1800
Ukraine	UKRTelecom	380	3G
United Arab Emirates	ETISALAT	971	GSM 900
United Arab Emirates	DU	971	GSM 900/1800
United Kingdom	O2 (UK) Limited	44	GSM 900/1800 -3G
United Kingdom	Orange PCS Ltd	44	GSM 1800 -3G
United Kingdom	T-Mobile (UK) Limited	44	GSM 1800 -3G
United Kingdom	Vodafone Ltd	44	GSM 900/1800
United Kingdom	Hutchinson 3G UK	44	3G
U.S.A	AT&T (ex Cingular)	1	GSM 1900/850 -3G
U.S.A	AT&T (ex Cingular)	1	GSM 1900/850 -3G
U.S.A	AT&T (ex Cingular)	1	GSM 1900/850 -3G
U.S.A	AT&T (ex Cingular)	1	GSM 1900/850 -3G
U.S.A	Cincinnati Bell Wireless	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile USA, Inc.	1	GSM 1900
U.S.A	T-Mobile (ex SUNCOM)	1	GSM 1900

U.S.A	NEXTEL	1	IDEN 800 -3G
U.S.A	TPM	1	GSM 1900
U.S.A	Centennial Wireless	1	GSM 850
U.S.A	WSI America	1	GSM 850/1900
U.S.A	Alltel	1	GSM 850/1901
U.S.A	Keystone Wireless	1	GSM 1900
U.S. Virign Islands	AT&T (ex Cingular)	1-348	GSM 1900
U.S. Virign Islands	T-Mobile (ex SUNCOM)	1-348	GSM 1900
Uruguay	ANTEL	598	GSM 900/1800
Uruguay	CTI	598	GSM 900/1800
Uruguay	Telefonica Moviles del Uruguay S.A.	598	GSM 850/1900
Uzbekistan	U-Cell (Coscom)	998	GSM 900
Uzbekistan	DAEWOO Unitel Company	998	GSM 900/1800
Uzbekistan	Uzdunrobita JV (Uzdunrobita GSM)	998	GSM 900/1800
Venezuela	DIGITEL	58	GSM 900
Venezuela	DIGITEL (ex Digicel)	58	GSM 900
Venezuela	DIGITEL (ex Infonet)	58	GSM 900
Venezuela	Telefonica Movil- O2	58	GSM 850
Vietnam	Vietnam Telecoms Services Co (GPC) (Vinaphone)	84	GSM 900
Vietnam	Vietnam Mobile Telecom Service (MOBIFONE)	84	GSM 900
Vietnam	Viettel	84	GSM 900
Yemen	Spacetel - Yemen	967	GSM 900
Yemen	Yemen Mobile Phone Company "Sabafon"	967	GSM 900
Zambia	Celtel Zambia Limited	260	GSM 900
Zambia	Zambia Telecommunicaitons Company Ltd (ZAMTEL) Cell Z	260	GSM 900
Zimbabwe	Econet Wireless (Private) Limited	263	GSM 900
Zimbabwe	P + T Corporation (NET*ONE)	263	GSM 900