

Mobile Country / Network Codes					
MCC	MNC	Operator	Country	Operational Status	Frequencies (MHz)
412	1	Afghan Wireless Communication Company	Afghanistan	Operational	900 / 1800
412	20	Roshan	Afghanistan	Operational	900
412	40	Areeba	Afghanistan	Operational	900
276	1	Albanian Mobile Communications	Albania	Operational	900 / 1800
276	2	Vodafone Albania	Albania	Operational	900 / 1800
603	1	Algeria Mobile Network	Algeria	Operational	Unknown
603	2	Djezzy	Algeria	Operational	900 / 1800
603	3	Nedjma	Algeria	Operational	900 / 1800
213	3	STA-MobilAnd	Andorra	Operational	900
631	2	Unitel	Angola	Operational	900 / 1800
344	30	APUA	Antigua & Barbuda	Operational	1900
344	920	Cable & Wireless (Antigua)	Antigua & Barbuda	Operational	Unknown
344	930	Digicel AT&T Wireless (Antigua)	Antigua & Barbuda	Not operational	Unknown
722	10	Compañía de Radiocomunicaciones Moviles S.A.	Argentine Republic	Operational	Unknown
722	20	Nextel Argentina srl	Argentine Republic	Operational	Unknown
722	70	Unifon	Argentine Republic	Operational	Unknown
722	310	CTI PCS S.A.	Argentine Republic	Operational	Unknown
722	320	Compañía de Telefonos del Interior Norte S.A.	Argentine Republic	Operational	Unknown
722	330	Compañía de Telefonos del Interior S.A.	Argentine Republic	Operational	Unknown
722	341	Telecom Personal	Argentine Republic	Operational	1900
283	1	ArmenTel	Armenia	Operational	900
363	1	Setar	Aruba	Operational	900 / 1800 / 1900
505	1	Telstra	Australia	Operational	850 / 900 / 1800
505	2	Optus	Australia	Operational	900 / 1800
505	3	Vodafone Australia	Australia	Operational	900 / 1800
505	4	Department of Defence	Australia	Operational	Unknown
505	5	Ozitel	Australia	Not operational	Unknown
505	6	Hutchison 3G - '3'	Australia	Operational	2100
505	7	Vodafone Australia	Australia	Not operational	Unknown
505	8	One.Tel	Australia	Not operational	Unknown
505	9	Airnet	Australia	Not operational	Unknown

505	11	Telstra	Australia	Not operational	Unknown
505	12	Hutchison 3G / 3	Australia	Not operational	Unknown
505	14	AAPT	Australia	Not operational	Unknown
505	15	3GIS	Australia	Not operational	Unknown
505	24	Advanced Communications Technologies	Australia	Not operational	Unknown
505	71	Telstra	Australia	Not operational	Unknown
505	72	Telstra	Australia	Not operational	Unknown
505	88	Localstar	Australia	Not operational	Unknown
505	90	Optus	Australia	Not operational	Unknown
505	99	One.Tel	Australia	Not operational	1800
232	1	Mobilkom Austria / A1	Austria	Operational	900 / 1800 / 2100
232	3	T-Mobile Austria	Austria	Operational	900 / 1800 / 2100
232	5	One	Austria	Operational	900 / 1800 / 2100
232	7	T-Mobile Austria	Austria	Operational	1800
232	9	Tele2UTA	Austria	Operational	Unknown
232	10	Hutchison 3G - '3'	Austria	Operational	2100
400	1	Azercell Telekom B.M.	Azerbaijan	Operational	900
400	2	J.V. Bakcell GSM 2000	Azerbaijan	Operational	900
426	1	Batelco	Bahrain	Operational	Unknown
426	2	MTC-VFBH	Bahrain	Operational	Unknown
470	1	GrameenPhone	Bangladesh	Operational	Unknown
470	2	TM International (Aktel)	Bangladesh	Operational	Unknown
470	3	Sheeba Telecom (Banglalink)	Bangladesh	Operational	Unknown
342	600	Cable & Wireless (Barbados) Ltd.	Barbados	Operational	Unknown
342	820	Sunbeach Communications	Barbados	Operational	Unknown
257	1	Velcom	Belarus	Operational	Unknown
257	2	MTS BY	Belarus	Operational	Unknown
257	4	BeST	Belarus	Operational	Unknown
206	1	Belgacom Mobile Proximus	Belgium	Operational	900
206	10	Mobistar	Belgium	Operational	Unknown
206	20	Base	Belgium	Operational	Unknown
702	67	Belize Telecommunications Ltd.	Belize	Operational	1900
702	68	International Telecommunications Ltd.	Belgium	Operational	Unknown
616	1	Libercom	Benin	Operational	Unknown

616	2	Telecel	Benin	Operational	Unknown
616	3	Spacotel Benin	Benin	Operational	Unknown
402	17	B-Mobile	Bhutan	Operational	Unknown
218	1	Cronet	Bosnia and Herzegovina	Operational	900
218	3	Eronet Mobile Communications Ltd.	Bosnia and Herzegovina	Operational	900
218	5	MOBI's (Mobilina Srpske)	Bosnia and Herzegovina	Operational	900
218	19	PTT Bosnia	Bosnia and Herzegovina	Operational	900
218	90	PE PTT BIH	Bosnia and Herzegovina	Operational	900
652	1	Mascom Wireless	Botswana	Operational	Unknown
652	2	Orange Botswana	Botswana	Operational	Unknown
724	0	Telet	Brazil	Operational	Unknown
724	1	CRT Cellular	Brazil	Operational	Unknown
724	2	TIM	Brazil	Operational	Unknown
724	3	TIM	Brazil	Operational	Unknown
724	4	TIM	Brazil	Operational	Unknown
724	5	CLARO / Telesc Cel	Brazil	Operational	Unknown
724	6	Tess	Brazil	Operational	Unknown
724	7	Cercontel Cel	Brazil	Operational	Unknown
724	8	Maxitel Cel	Brazil	Operational	Unknown
724	9	Telepar Cel	Brazil	Operational	Unknown
724	10	ATL Algar	Brazil	Operational	Unknown
724	11	Telems Cel	Brazil	Operational	Unknown
724	12	Americel	Brazil	Operational	Unknown
724	13	Telesp Cel	Brazil	Operational	Unknown
724	14	Maxitel BA	Brazil	Operational	Unknown
724	15	CTBC Cel	Brazil	Operational	Unknown
724	16	BSE	Brazil	Operational	Unknown
724	17	Ceterp Cel	Brazil	Operational	Unknown
724	18	Norte Brasil Tel	Brazil	Operational	Unknown
724	19	Telemig Cel	Brazil	Operational	Unknown
724	21	Telerj Cel	Brazil	Operational	Unknown
724	23	Telest Cel	Brazil	Operational	Unknown
724	25	Telebrasil Cel	Brazil	Operational	Unknown
724	27	Telegoias Cel	Brazil	Operational	Unknown

724	29	Telemat Cel	Brazil	Operational	Unknown
724	31	Teleacre Cel / Oi	Brazil	Operational	Unknown
724	33	Teleron Cel	Brazil	Operational	Unknown
724	35	Telebahia Cel	Brazil	Operational	Unknown
724	37	Telergipe Cel	Brazil	Operational	Unknown
724	39	Telasa Cel	Brazil	Operational	Unknown
724	41	Telpe Cel	Brazil	Operational	Unknown
724	43	Telepisa Cel	Brazil	Operational	Unknown
724	45	Telpa Cel	Brazil	Operational	Unknown
724	47	Telem Cel	Brazil	Operational	Unknown
724	48	Teleceara Cel	Brazil	Operational	Unknown
724	51	Telma Cel	Brazil	Operational	Unknown
724	53	Telepara Cel	Brazil	Operational	Unknown
724	55	Teleamazon Cel	Brazil	Operational	Unknown
724	57	Teleamapa Cel	Brazil	Operational	Unknown
724	59	Telaima Cel	Brazil	Operational	Unknown
348	570	Caribbean Cellular Telephone, Boatphone Ltd.	British Virgin Islands	Operational	Unknown
528	1	Jabatan Telekom	Brunei Darussalam	Operational	Unknown
528	11	DST Communications	Brunei Darussalam	Operational	Unknown
284	1	MobilTel AD	Bulgaria	Operational	Unknown
284	5	Globul	Bulgaria	Operational	Unknown
613	1	OnaTel	Burkina Faso	Operational	Unknown
613	2	Celel	Burkina Faso	Operational	Unknown
613	3	Telecel	Burkina Faso	Operational	Unknown
642	1	Spacetel Burundi	Burundi	Operational	Unknown
642	2	Safaris	Burundi	Operational	Unknown
642	3	Telecel Burundi Company	Burundi	Operational	Unknown
456	1	Mobitel / Cam GSM	Cambodia	Operational	Unknown
456	2	Samart / Casacom	Cambodia	Operational	Unknown
456	3	S Telecom	Cambodia	Reserved	CDMA
456	18	Camshin / Shinawatra	Cambodia	Operational	Unknown
624	1	Mobile Telephone Network	Cameroon	Operational	Unknown
624	2	Orange	Cameroon	Operational	Unknown
302	360	Telus Mobility	Canada	Operational	Unknown

302	361	Telus Mobility	Canada	Operational	Unknown
302	370	Fido brand Rogers wireless	Canada	Operational	1900
302	651	Bell Mobility	Canada	Operational	Unknown
302	652	BC Tel Mobility	Canada	Operational	Unknown
302	653	Telus Mobility	Canada	Operational	Unknown
302	654	Sask Tel Mobility	Canada	Operational	Unknown
302	655	MTS Mobility	Canada	Operational	Unknown
302	656	Tbay Mobility	Canada	Operational	Unknown
302	657	Telus (Quebec) Mobility	Canada	Operational	Unknown
302	701	MB Tel Mobility	Canada	Operational	Unknown
302	702	MT&T Mobility	Canada	Operational	Unknown
302	703	New Tel Mobility	Canada	Operational	Unknown
302	710	Globalstar	Canada	Operational	Unknown
302	720	Rogers Wireless	Canada	Operational	Unknown
625	1	Cabo Verde Telecom	Cape Verde	Operational	Unknown
346	140	Cable & Wireless (Cayman)	Cayman Islands	Operational	Unknown
623	1	Centrafrique Telecom Plus (CTP)	Central African Republic	Operational	Unknown
623	2	Telecel Centrafrique (TC)	Central African Republic	Operational	Unknown
623	3	Celca (Socatel)	Central African Republic	Operational	Unknown
622	1	Celtel	Chad	Operational	Unknown
622	2	Tchad Mobile	Chad	Operational	Unknown
730	1	Entel Telefonía Movil	Chile	Operational	Unknown
730	2	Movistar Chile	Chile	Operational	Unknown
730	3	Claro Chile	Chile	Operational	Unknown
730	10	Entel PCS Telecom.	Chile	Operational	Unknown
460	0	China Mobile / Guangdong MCC / CMCC / NVyR / China Telecom GSM	China	Operational	Unknown
460	1	China Unicom GSM	China	Operational	Unknown
460	2	Liaoning PPTA	China	Operational	Unknown
460	3	China Unicom CDMA	China	Operational	Unknown
460	4	China Satellite Global Star Network	China	Operational	Unknown
460		Beijing Wireless	China	Operational	Unknown
460		Zhuhai Comms	China	Operational	Unknown
460		DGT MPT	China	Operational	Unknown
460		Jiaxing PTT	China	Operational	Unknown

460		Tjianjin Toll	China	Operational	Unknown
732	1	Colombia Telecomunicaciones S.A. - Telecom	Colombia	Operational	Unknown
732	2	EdateL S.A.	Colombia	Operational	Unknown
732	101	Comcel S.A. Ocel S.A. / Celcaribe	Colombia	Operational	Unknown
732	102	Bellsouth Colombia S.A.	Colombia	Operational	Unknown
732	103	Colombia Móvil S.A.	Colombia	Operational	Unknown
732	111	Colombia Móvil S.A.	Colombia	Operational	Unknown
732	123	Telefónica Móviles Colombia S.A.	Colombia	Operational	Unknown
654	1	HURI - SNPT	Comoros	Operational	Unknown
629	1	Celtel	Congo	Operational	Unknown
629	10	Libertis Telecom	Congo	Operational	Unknown
629		African Telecoms	Congo	Operational	Unknown
629		Congolaise Wireless	Congo	Operational	Unknown
548	1	Telecom Cook	Cook Islands	Operational	Unknown
712	1	Instituto Costarricense de Electricidad - ICE	Costa Rica	Operational	1800
219	1	Cronet / Croatian Telecoms Cronet / HTmobile H	Croatia	Operational	Unknown
219	10	VIPnet	Croatia	Operational	Unknown
368	1	Cubacel	Cuba	Operational	Unknown
280	1	Cytamobile-Vodafone / CYTA	Cyprus	Operational	900 / 1800
280	10	areeba / Scancom (Cyprus) Ltd.	Cyprus	Operational	Unknown
230	1	T-Mobile Czech Republic	Czech Republic	Operational	Unknown
230	2	Telefónica O2 Czech Republic	Czech Republic	Operational	Unknown
230	3	Vodafone	Czech Republic	Operational	900 / 1800
230	99	Ceský Mobil a.s., R&D Centre	Czech Republic	Operational	Unknown
630	1	Vodacom Congo RDC sprl	Democratic Republic of the Congo	Operational	Unknown
630	86	Congo-Chine Telecom s.a.r.l.	Democratic Republic of the Congo	Operational	Unknown
238	1	TDC / Tele-Danmark Mobil	Denmark	Operational	Unknown
238	2	Sonofon	Denmark	Operational	Unknown
238	3	MIGway A/S	Denmark	Operational	Unknown
238	4	TetraStar	Denmark	Operational	Unknown
238	5	Sonofon	Denmark	Operational	Unknown
238	6	3 / Hi3G / Hutchison 3G	Denmark	Operational	Unknown
238	10	TDC Mobil	Denmark	Operational	Unknown
238	20	Telia	Denmark	Operational	Unknown

238	30	Orange / Mobilix / Telia	Denmark	Operational	Unknown
238	77	Tele2	Denmark	Operational	Unknown
602	1	MobiNil	Egypt	Operational	Unknown
602	2	Misrfone Telecom. Click GSM / Vodafone	Egypt	Operational	Unknown
638	1	Evatis	Djibouti	Operational	Unknown
370	1	Orange Dominicana	Dominican Republic	Operational	Unknown
370	2	Verizon Dominicana S.A.	Dominican Republic	Operational	Unknown
370	3	Tricom S.A.	Dominican Republic	Operational	Unknown
370	4	CentennialDominicana	Dominican Republic	Operational	Unknown
740	0	Ocetel S.A. - Bellsouth	Ecuador	Operational	Unknown
740	1	Porta GSM	Ecuador	Operational	Unknown
740	2	Telecsa S.A.	Ecuador	Operational	Unknown
602	1	EMS - Mobinil	Egypt	Operational	Unknown
602	2	Vodafone Egypt	Egypt	Operational	Unknown
248	1	Estonian Mobile Telecom	Estonia	Operational	Unknown
248	2	RLE / Radiolinja Eesti	Estonia	Operational	Unknown
248	3	Tele 2 / Q GSM	Estonia	Operational	Unknown
248	4	OY Top Connect	Estonia	Operational	Unknown
636	1	ETH MTN / Ethiopian Telecoms Auth.	Ethiopia	Operational	Unknown
288	1	Faroese Telecom	Faroe Islands	Operational	Unknown
288	2	Kell GSM	Faroe Islands	Operational	Unknown
542	1	Vodafone	Fiji	Operational	Unknown
244	3	Telia	Finland	Operational	Unknown
244	4	Finnet Networks Ltd.	Finland	Operational	Unknown
244	5	Elisa / Radiolinja / Alands Mobiltelefon	Finland	Operational	Unknown
244	9	Finnet Group / Lnnen Puhelin / Helsingin Puhelin	Finland	Operational	Unknown
244	12	FinNet	Finland	Operational	Unknown
244	14	Alands Mobiltelefon AB	Finland	Operational	Unknown
244	16	Oy Finland Tele2 AB	Finland	Operational	Unknown
244	21	Saunalahti Group Ltd.	Finland	Operational	Unknown
244	91	Sonera Corporation	Finland	Operational	Unknown
208	1	Orange / France Telecom Itineris	France	Operational	Unknown
208	2	Orange	France	Operational	Unknown
208	5	Globalstar Europe	France	Operational	Unknown

208	6	Globalstar Europe	France	Operational	Unknown
208	7	Globalstar Europe	France	Operational	Unknown
208	10	SFR	France	Operational	Unknown
208	11	SFR (UMTS)	France	Operational	Unknown
208	13	SFR (Zones Blanches)	France	Operational	Unknown
208	20	Bouygues Telecom	France	Operational	Unknown
208	21	Bouygues Telecom	France	Operational	Unknown
208	88	Bouygues Telecom (Zones Blanches)	France	Operational	Unknown
547	20	Tikiphone	French Polynesia (France)	Operational	Unknown
340	1	France Caraibe Ameris	French West Indies (France)	Operational	Unknown
628	1	Libertis S.A.	Gabon	Operational	Unknown
628	2	Telecel Gabon S.A.	Gabon	Operational	Unknown
628	3	Telcel Gabon S.A.	Gabon	Operational	Unknown
607	1	Gamcel	Gambia	Operational	Unknown
607	2	Africel	Gambia	Operational	Unknown
282	1	Geocell Limited	Georgia	Operational	Unknown
282	2	Magticom GSM	Georgia	Operational	Unknown
282	3	Iberiatel Ltd.	Georgia	Operational	Unknown
282		Superphone	Georgia	Operational	Unknown
262	1	T-Mobile / D1 - DeTe Mobil	Germany	Operational	900 / 1800 / 2100
262	2	Vodafone	Germany	Operational	900 / 1800 / 2100
262	3	E-Plus	Germany	Operational	900 / 1800 / 2100
262	4	Vodafone	Germany	Operational	900 / 1800 / 2100
262	5	E-Plus	Germany	Operational	900 / 1800 / 2100
262	6	T-Mobile	Germany	Operational	900 / 1800 / 2100
262	7	O2	Germany	Operational	900 / 1800 / 2100
262	8	O2	Germany	Operational	900 / 1800 / 2100
262	9	Vodafone	Germany	Operational	900 / 1800 / 2100
262	10	Arcor AG & Co	Germany	Operational	900 / 1800 / 2100
262	11	O2	Germany	Operational	900 / 1800 / 2100
262	12	Dolphin Telecom	Germany	Not Operational	900 / 1800 / 2100
262	13	Mobilcom Multimedia	Germany	Not Operational	900 / 1800 / 2100
262	14	Group 3G UMTS	Germany	Not Operational	900 / 1800 / 2100
262	15	Airdata	Germany	Operational	900 / 1800 / 2100



262	16	vistream (MVNO)	Germany	Operational	none
262	60	DB Telematik (GSM-R)	Germany	Operational	900
262	76	Siemens AG	Germany	Operational	900
262	77	E-Plus	Germany	Operational	900
620	1	Spacefon / ScanCom	Ghana	Operational	Unknown
620	2	Ghana Telecom Mobile	Ghana	Operational	Unknown
620	3	Mobitel	Ghana	Operational	Unknown
266	1	Gibraltar Telecoms GibTel	Gibraltar	Operational	Unknown
202	1	Cosmote	Greece	Operational	900 / 1800 / 2100
202	5	Vodafone	Greece	Operational	900 / 2100
202	9	Q-telecom	Greece	Operational	1800
202	10	Telestet / STET / TIM	Greece	Operational	900 / 2100
290	1	Tele Greenland	Greenland	Operational	Unknown
340	1	Orange Caraïbe Mobiles	Guadeloupe	Operational	Unknown
340	2	Outremer Telecom	Guadeloupe	Operational	Unknown
340	3	Saint Martin et Saint Barthelemy Telcell Sarl	Guadeloupe	Operational	Unknown
340	20	Bouygues Telecom Caraïbe	Guadeloupe	Operational	Unknown
704	1	SERCOM / Telgua / Claro	Guatemala	Operational	Unknown
704	2	Comcel / Tigo	Guatemala	Operational	Unknown
704	3	Telefonica / Movistar	Guatemala	Operational	Unknown
340	1	F Orange	Guadeloupe (France)	Operational	Unknown
611	1	Spacetel	Guinea	Operational	Unknown
611	2	Sotelgui Lagui	Guinea	Operational	Unknown
632	2	Spacetel Guinée-Bissau S.A.	Guinea-Bissau	Operational	Unknown
738	1	Cel*Star	Guyana	Operational	Unknown
708	1	Megatel / Alo / Claro	Honduras	Operational	1800
708	2	Celtel / Tigo	Honduras	Operational	900
454	0	Hong Kong Telecom CSL	Hong Kong	Operational	Unknown
454	1	Citic (MVNO)	Hong Kong	Operational	900
454	2	Hong Kong Telecom CSL 3G	Hong Kong	Operational	Unknown
454	3	Hutchison 3G	Hong Kong	Operational	Unknown
454	4	Hutchison Telecom / Orange	Hong Kong	Operational	900 / 1800
454	5	Hutchison Telecom (CDMA)	Hong Kong	Operational	Unknown
454	6	SmarTone Mobile Comms	Hong Kong	Operational	900

454	7	China Unicom (MVNO)	Hong Kong	Operational	Unknown
454	8	Trident (MVNO)	Hong Kong	Operational	Unknown
454	9	China Motion Telecom (MVNO)	Hong Kong	Operational	Unknown
454	10	New World PCS	Hong Kong	Operational	1800
454	11	CHKTL (MVNO)	Hong Kong	Operational	Unknown
454	12	Peoples Telephone Company	Hong Kong	Operational	1800
454	15	SMT (UMTS)	Hong Kong	Operational	1800
454	16	PCCW Mobile / Sunday (PCCW Ltd)	Hong Kong	Operational	1800
454	18	Hong Kong Telecom CSL / Pacific Link	Hong Kong	Operational	1800
454	19	PCCW Mobile / Sunday (PCCW Ltd)	Hong Kong	Operational	1800
454	22	P Plus Comm / SMC PCS	Hong Kong	Operational	Unknown
216	1	Pannon	Hungary	Operational	900 / 1800
216	30	T-Mobile	Hungary	Operational	900 / 1800 / 2100
216	70	Vodafone	Hungary	Operational	Unknown
274	1	Iceland Telecom Siminn	Iceland	Operational	Unknown
274	2	Vodafone	Iceland	Operational	Unknown
274	3	Islandssimi ehf	Iceland	Operational	Unknown
274	4	IMC Islande ehf	Iceland	Operational	Unknown
404	1	AirCell Digilink	India	Operational	Unknown
404	2	AirTel / Bharti Mobile	India	Operational	Unknown
404	3	INA Airtel / Bharti Telenet	India	Operational	Unknown
404	4	IDEA	India	Operational	Unknown
404	5	Hutch / Fascel	India	Operational	Unknown
404	6	Bharti Mobile	India	Operational	Unknown
404	7	TATA Cellular / Idea Cellular	India	Operational	Unknown
404	9	Reliance Telecom Private	India	Operational	Unknown
404	10	Bharti Cellular Telecom Airtel	India	Operational	Unknown
404	11	Essar / Sterling Cellular	India	Operational	Unknown
404	12	Escotel Mobile Comms	India	Operational	Unknown
404	13	Hutchison Essar South	India	Operational	Unknown
404	14	Spice Communications / Modi Telstra Modicom	India	Operational	Unknown
404	15	Aircell Digilink Essar Cellph.	India	Operational	Unknown
404	20	Hutchison Maxtouch / Orange	India	Operational	Unknown
404	21	BPL Mobile	India	Operational	Unknown

404	22	Idea	India	Operational	Unknown
404	24	Idea	India	Operational	Unknown
404	27	BPL USWest Cellular / Cellular Comms	India	Operational	Unknown
404	30	Usha Martin Tel. Command	India	Operational	Unknown
404	31	AirTel / Mobilenet / Bharti Mobinet	India	Operational	Unknown
404	34	BSNL	India	Operational	Unknown
404	36	Reliance Telecom Private	India	Operational	Unknown
404	38	BSNL	India	Operational	Unknown
404	40	AirTel / SkyCell Communications / Bharti Mobinet	India	Operational	Unknown
404	41	RPG MAA	India	Operational	Unknown
404	42	Srinivas Cellcom / Aircel	India	Operational	Unknown
404	43	BPL Mobile Cellular	India	Operational	Unknown
404	44	Spice	India	Operational	Unknown
404	45	AirTel	India	Operational	Unknown
404	46	BPL Cellular	India	Operational	Unknown
404	49	IND AIRTEL / Bharti Mobile	India	Operational	Unknown
404	50	Reliance Telecom Private	India	Operational	Unknown
404	51	BSNL	India	Operational	Unknown
404	52	Reliance Telecom Private	India	Operational	Unknown
404	53	BSNL	India	Operational	Unknown
404	54	BSNL	India	Operational	Unknown
404	55	BSNL	India	Operational	Unknown
404	56	Escotel Mobile Communications Private	India	Operational	Unknown
404	57	BSNL	India	Operational	Unknown
404	58	BSNL	India	Operational	Unknown
404	59	BSNL	India	Operational	Unknown
404	60	Aircell Digilink	India	Operational	Unknown
404	62	BSNL	India	Operational	Unknown
404	64	BSNL	India	Operational	Unknown
404	66	BSNL	India	Operational	Unknown
404	67	Reliance Telecom Private	India	Operational	Unknown
404	68	Mahanagar Telephone Nigam	India	Operational	Unknown
404	69	DOLPHIN / Mahanagar Telephone Nigam	India	Operational	Unknown
404	70	AirTel / Hexicom	India	Operational	Unknown

404	71	BSNL	India	Operational	Unknown
404	72	BSNL	India	Operational	Unknown
404	73	BSNL	India	Operational	Unknown
404	74	BSNL	India	Operational	Unknown
404	75	BSNL / CellOne	India	Operational	Unknown
404	76	BSNL	India	Operational	Unknown
404	77	BSNL	India	Operational	Unknown
404	78	BTA Cellcom	India	Operational	Unknown
404	80	BSNL	India	Operational	Unknown
404	81	BSNL	India	Operational	Unknown
404	82	Escorts Telecom	India	Operational	Unknown
404	83	Reliable Internet Services	India	Operational	Unknown
404	84	Hutchison Essar South	India	Operational	Unknown
404	85	Reliance Telecom Private	India	Operational	Unknown
404	86	Hutchinson Essar South	India	Operational	Unknown
404	87	Escorts Telecom	India	Operational	Unknown
404	88	Escorts Telecom	India	Operational	Unknown
404	89	Escorts Telecom	India	Operational	Unknown
404	90	AirTel / Bharti Cellular	India	Operational	Unknown
404	92	AirTel / Bharti Cellular	India	Operational	Unknown
404	93	AirTel / Bharti Cellular	India	Operational	Unknown
404	94	AirTel / Bharti Cellular	India	Operational	Unknown
404	95	AirTel / Bharti Cellular	India	Operational	Unknown
404	96	AirTel / Bharti Cellular	India	Operational	Unknown
404	97	AirTel / Bharti Cellular	India	Operational	Unknown
404	98	AirTel / Bharti Cellular	India	Operational	Unknown
510	0	PSN	Indonesia	Operational	Unknown
510	1	PT Satelindo / PT Satelit Palapa / INDOSAT	Indonesia	Operational	Unknown
510	8	Natrindo (Lippo Telecom)	Indonesia	Operational	Unknown
510	10	Telkomsel	Indonesia	Operational	Unknown
510	11	PT Excelcomindo Excelcom / proXL	Indonesia	Operational	Unknown
510	21	IND IM3 / INDOSAT	Indonesia	Operational	Unknown
510	28	Komselindo	Indonesia	Operational	Unknown
510	89	Hutchinson Telecommunication Indonesia / HCPT	Indonesia	Operational	Unknown

901	1	ICO Global Communications	International	Operational	Unknown
901	2	Sense Communications International	International	Operational	Unknown
901	3	Iridium Satellite	International	Operational	Unknown
901	4	Globalstar (GMSS)	International	Operational	Unknown
901	5	Thuraya RMSS Network	International	Operational	Unknown
901	6	Thuraya Satellite Telecommunications Company	International	Operational	Unknown
901	7	Ellipso	International	Operational	Unknown
901	8	[Reserved for station identification where the mobile does not have a subs	International	Operational	Unknown
901	9	Tele1 Europe	International	Operational	Unknown
901	10	Asia Cellular Satellite (AceS)	International	Operational	Unknown
901	11	Inmarsat	International	Operational	Unknown
901	12	Maritime Communications Partner AS (MCP)	International	Operational	Unknown
901	13	Global Networks	International	Operational	Unknown
901	14	Telenor GSM - services in aircraft	International	Operational	Unknown
901	15	SITA GSM - services in aircraft	International	Operational	Unknown
432	11	Mobile Communications Company of Iran / TCI	Iran	Operational	900-1800
432	15	IranCell	Iran	Operational	900-1800
432	32	Taliya	Iran	Operational	900
432	19	Mobile Telecommunications Company of Esfahan (MTCE)	Iran	Operational	900
432	14	Telecommunication Kish Co. (Kifzo)	Iran	Operational	900
418	1	Iraq Telecom	Iraq	Operational	Unknown
272	1	Vodafone	Ireland	Operational	900 / 2100
272	2	O2	Ireland	Operational	900 / 2100
272	3	Meteor	Ireland	Operational	900 / 2100
272	4	Access Telecom	Ireland	Operational	Unknown
272	7	Eircom	Ireland	Operational	Unknown
272	9	Clever Communications	Ireland	Operational	Unknown
425	1	Orange / Partner Communications	Israel	Operational	Unknown
425	2	Cellcom	Israel	Operational	Unknown
425	3	Pelephone	Israel	Operational	Unknown
222	1	TIM	Italy	Operational	900 / 1800
222	2	Elsacom	Italy	Not operational	2100
222	10	Vodafone	Italy	Operational	900 / 1800 / 2100
222	77	IPSE 2000	Italy	Not operational	2100

222	88	Wind	Italy	Operational	900 / 1800 / 2100
222	98	Blu	Italy	Not operational	1800
222	99	H3G	Italy	Operational	2100
612	1	Cora de Comstar / Comstar Cellular Network	Ivory Coast	Operational	Unknown
612	2	Telecel	Ivory Coast	Operational	Unknown
612	3	Orange / S.I.M. Ivoiris	Ivory Coast	Operational	Unknown
612	5	Loteny Telecom Telecel	Ivory Coast	Operational	Unknown
338	20	Cable & Wireless	Jamaica	Operational	Unknown
338	50	Mossel	Jamaica	Operational	Unknown
338	5	Digicel	Jamaica	Operational	Unknown
338	180	C&W	Jamaica	Operational	Unknown
440	1	NTT DoCoMo	Japan	Operational	Unknown
440	2	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	3	NTT DoCoMo Hokuriku	Japan	Operational	Unknown
440	4	Vodafone	Japan	Operational	Unknown
440	6	Vodafone	Japan	Operational	Unknown
440	7	KDDI Corporation	Japan	Operational	Unknown
440	8	KDDI Corporation	Japan	Operational	Unknown
440	9	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	10	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	11	NTT DoCoMo Tokai	Japan	Operational	Unknown
440	12	NTT DoCoMo	Japan	Operational	Unknown
440	13	NTT DoCoMo	Japan	Operational	Unknown
440	14	NTT DoCoMo Tohoku	Japan	Operational	Unknown
440	15	NTT DoCoMo	Japan	Operational	Unknown
440	16	NTT DoCoMo	Japan	Operational	Unknown
440	17	NTT DoCoMo	Japan	Operational	Unknown
440	18	NTT DoCoMo Tokai	Japan	Operational	Unknown
440	19	NTT DoCoMo Hokkaido	Japan	Operational	Unknown
440	20	NTT DoCoMo Hokuriku	Japan	Operational	Unknown
440	21	NTT DoCoMo	Japan	Operational	Unknown
440	22	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	23	NTT DoCoMo Tokai	Japan	Operational	Unknown
440	24	NTT DoCoMo Chugoku	Japan	Operational	Unknown

440	25	NTT DoCoMo Hokkaido	Japan	Operational	Unknown
440	26	NTT DoCoMo Kyushu	Japan	Operational	Unknown
440	27	NTT DoCoMoTohoku	Japan	Operational	Unknown
440	28	NTT DoCoMo Shikoku	Japan	Operational	Unknown
440	29	NTT DoCoMo	Japan	Operational	Unknown
440	30	NTT DoCoMo	Japan	Operational	Unknown
440	31	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	32	NTT DoCoMo	Japan	Operational	Unknown
440	33	NTT DoCoMo Tokai	Japan	Operational	Unknown
440	34	NTT DoCoMo Kyushu	Japan	Operational	Unknown
440	35	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	36	NTT DoCoMo	Japan	Operational	Unknown
440	37	NTT DoCoMo	Japan	Operational	Unknown
440	38	NTT DoCoMo	Japan	Operational	Unknown
440	39	NTT DoCoMo	Japan	Operational	Unknown
440	40	Vodafone	Japan	Operational	Unknown
440	41	Vodafone	Japan	Operational	Unknown
440	42	Vodafone	Japan	Operational	Unknown
440	43	Vodafone	Japan	Operational	Unknown
440	44	Vodafone	Japan	Operational	Unknown
440	45	Vodafone	Japan	Operational	Unknown
440	46	Vodafone	Japan	Operational	Unknown
440	47	Vodafone	Japan	Operational	Unknown
440	48	Vodafone	Japan	Operational	Unknown
440	49	NTT DoCoMo	Japan	Operational	Unknown
440	50	KDDI Corporation	Japan	Operational	Unknown
440	51	KDDI Corporation	Japan	Operational	Unknown
440	52	KDDI Corporation	Japan	Operational	Unknown
440	53	KDDI Corporation	Japan	Operational	Unknown
440	54	KDDI Corporation	Japan	Operational	Unknown
440	55	KDDI Corporation	Japan	Operational	Unknown
440	56	KDDI Corporation	Japan	Operational	Unknown
440	58	NTT DoCoMo Kansai	Japan	Operational	Unknown
440	60	NTT DoCoMo Kansai	Japan	Operational	Unknown

440	61	NTT DoCoMo Chugoku	Japan	Operational	Unknown
440	62	NTT DoCoMo Kyushu	Japan	Operational	Unknown
440	63	NTT DoCoMo	Japan	Operational	Unknown
440	64	NTT DoCoMo	Japan	Operational	Unknown
440	65	NTT DoCoMo Shikoku	Japan	Operational	Unknown
440	66	NTT DoCoMo	Japan	Operational	Unknown
440	67	NTT DoCoMo Tohoku	Japan	Operational	Unknown
440	68	NTT DoCoMo Kyushu	Japan	Operational	Unknown
440	69	NTT DoCoMo	Japan	Operational	Unknown
440	70	KDDI Corporation	Japan	Operational	Unknown
440	71	KDDI Corporation	Japan	Operational	Unknown
440	72	KDDI Corporation	Japan	Operational	Unknown
440	73	KDDI Corporation	Japan	Operational	Unknown
440	74	KDDI Corporation	Japan	Operational	Unknown
440	75	KDDI Corporation	Japan	Operational	Unknown
440	76	KDDI Corporation	Japan	Operational	Unknown
440	77	KDDI Corporation	Japan	Operational	Unknown
440	78	Okinawa Cellular Telephone	Japan	Operational	Unknown
440	79	KDDI Corporation	Japan	Operational	Unknown
440	80	TU-KA Cellular Tokyo	Japan	Operational	Unknown
440	81	TU-KA Cellular Tokyo	Japan	Operational	Unknown
440	82	TU-KA Phone Kansai	Japan	Operational	Unknown
440	83	TU-KA Cellular Tokai	Japan	Operational	Unknown
440	84	TU-KA Phone Kansai	Japan	Operational	Unknown
440	85	TU-KA Cellular Tokai	Japan	Operational	Unknown
440	86	TU-KA Cellular Tokyo	Japan	Operational	Unknown
440	87	NTT DoCoMo Chugoku	Japan	Operational	Unknown
440	88	KDDI Corporation	Japan	Operational	Unknown
440	89	KDDI Corporation	Japan	Operational	Unknown
440	90	Vodafone	Japan	Operational	Unknown
440	92	Vodafone	Japan	Operational	Unknown
440	93	Vodafone	Japan	Operational	Unknown
440	94	Vodafone	Japan	Operational	Unknown
440	95	Vodafone	Japan	Operational	Unknown



440	96	Vodafone	Japan	Operational	Unknown
440	97	Vodafone	Japan	Operational	Unknown
440	98	Vodafone	Japan	Operational	Unknown
440	99	NTT DoCoMo	Japan	Operational	Unknown
416	1	J.M.T.S. Fastlink	Jordan	Operational	Unknown
416	77	MobCom	Jordan	Operational	Unknown
401	1	K-Mobile / Kar-Tel	Kazakhstan	Operational	Unknown
401	2	K'Cell / TSC Kazak Telecom	Kazakhstan	Operational	Unknown
639	2	Safaricom Ltd.	Kenya	Operational	Unknown
639	3	Kencell Communications Ltd.	Kenya	Operational	Unknown
450	5	SK Telecom	Korea	Operational	Unknown
419	2	Mobile Telecoms / MTCNet	Kuwait	Operational	Unknown
419	3	Wataniya	Kuwait	Operational	Unknown
437	1	Bitel Ltd	Kyrgyz Republic	Operational	Unknown
457	1	Lao Shinawatra Telecom	Laos	Operational	Unknown
457	2	ETL Mobile	Laos	Operational	Unknown
457	8	Millicom	Laos	Operational	Unknown
247	1	Latvian Mobile Tel.	Latvia	Operational	Unknown
247	2	Tele 2 / BALTCOM GSM	Latvia	Operational	Unknown
247	3	Telekom Baltija	Latvia	Operational	Unknown
247	4	Beta Telecom	Latvia	Operational	Unknown
415	1	Alfa	Lebanon	Operational	900
415	3	MTC Touch	Lebanon	Operational	900
415	32	Alfa	Lebanon	Not Operational	Unknown
415	33	Alfa	Lebanon	Not Operational	Unknown
415	34	Alfa	Lebanon	Not Operational	Unknown
415	35	Alfa	Lebanon	Not Operational	Unknown
415	36	MTC Touch	Lebanon	Not Operational	Unknown
415	37	MTC Touch	Lebanon	Not Operational	Unknown
415	38	MTC Touch	Lebanon	Not Operational	Unknown
415	39	MTC Touch	Lebanon	Not Operational	Unknown
651	1	Vodacom	Lesotho	Operational	Unknown
651	2	Econet Ezin-cel	Lesotho	Operational	Unknown
618	1	Omega Communications	Liberia	Operational	Unknown

618	4	Comium Liberi	Liberia	Operational	Unknown
606	1	AlMadar	Libya	Operational	Unknown
606	0	Libyana	Libya	Operational	Unknown
228	1	Natel-D / Telecom FL A	Switzerland	Operational	Unknown
295	2	Viag Europlatform AG	Liechtenstein	Operational	Unknown
295	5	Mobilkom (Liechstein) AG	Liechtenstein	Operational	Unknown
295	77	Tele2 AG	Liechtenstein	Operational	Unknown
246	1	Omnitel	Lithuania	Operational	Unknown
246	2	UAB Bité GSM	Lithuania	Operational	Unknown
246	3	Tele 2	Lithuania	Operational	Unknown
270	1	P&T Luxembourg	Luxembourg	Operational	Unknown
270	77	Tango	Luxembourg	Operational	Unknown
270	99	Voxmobile	Luxembourg	Operational	Unknown
455	0	Smartone Mobile Communications (Macao) Ltd	Macao	Operational	Unknown
455	1	C.T.M. Telemovel+	Macao	Operational	Unknown
455	3	Hutchison Telecom	Macao	Operational	Unknown
294	1	Mobimak / T-Mobile Macedonia	Macedonia	Operational	Unknown
294	2	MTS	Macedonia	Operational	Unknown
646	1	Madacom	Madagascar	Operational	Unknown
646	2	Orange / SMM Antaris	Madagascar	Operational	Unknown
646	3	Sacel	Madagascar	Operational	Unknown
650	1	TNL / Telecom Network Callpoint	Malawi	Operational	Unknown
650	10	Celtel Ltd.	Malawi	Operational	Unknown
502	0	Art900	Malaysia	Operational	900
502	2	My BSB	Malaysia	Operational	Unknown
502	3	Binariang	Malaysia	Operational	Unknown
502	12	Maxis / Binariang Communications	Malaysia	Operational	900/1800
502	13	Celcom TM / TM Touch	Malaysia	Operational	Unknown
502	16	DiGi Telecommunications	Malaysia	Operational	1800
502	17	TimeCel / Binariang Communications Maxis	Malaysia	Operational	Unknown
502	19	Celcom TM	Malaysia	Operational	900/1800
472	1	DhiMobile	Maldives	Operational	Unknown
610	1	Malitel	Mali	Operational	Unknown
278	1	Telecell	Malta	Operational	Unknown

278	1	Vodafone / Telecell	Malta	Operational	Unknown
278	21	go mobile	Malta	Operational	Unknown
609	1	Mattel	Mauritania	Operational	Unknown
617	1	Cellplus	Mauritius	Operational	Unknown
617	2	Mahanagar Telephone (Mauritius) Ltd.	Mauritius	Operational	Unknown
617	10	Emtel	Mauritius	Operational	Unknown
334	20	Telcel	Mexico	Operational	Unknown
550	1	FSM Telecom	Micronesia	Operational	Unknown
259	1	Orange	Moldova	Operational	900 / 1800
259	2	Moldcell	Moldova	Operational	900 / 1800
208	1	France Telecom	Monaco	Operational	Unknown
208	10	SFR	Monaco	Operational	Unknown
428	99	Mobicom	Mongolia	Operational	Unknown
220	2	ProMonte	Montenegro	Operational	Unknown
220	4	T-Mobile Montenegro	Montenegro	Operational	Unknown
604	0	Méditel	Morocco	Operational	Unknown
604	1	IAM / Ittissalat Al Maghrid / Maroc Telecom	Morocco	Operational	Unknown
634	1	TDM / Telecom de Mocambique	Sudan	Operational	1800
643	4	VM Sarl	Mozambique	Operational	Unknown
414	1	Myanmar Post and Telecommunication	Myanmar	Operational	Unknown
649	1	MTC	Namibia	Operational	Unknown
429	1	Nepal Telecommunications	Nepal	Operational	Unknown
204	2	Tele2 Netherlands	Netherlands	Operational	Unknown
204	21	NS Railinfrabeheer B.V.	Netherlands	Operational	Unknown
204	4	Vodafone	Netherlands	Operational	900 / 1800 / 2100
204	8	KPN	Netherlands	Operational	Unknown
204	12	Telfort / BT Ignite / O2	Netherlands	Operational	Unknown
204	16	T-Mobile	Netherlands	Operational	Unknown
204	20	Orange	Netherlands	Operational	Unknown
362	51	TELCELL GS	Netherlands Antilles (Netherlands)	Operational	Unknown
362	69	CT GSM	Netherlands Antilles (Netherlands)	Operational	Unknown
362	91	SETEL GSM / CHIPP	Netherland Antilles (Netherlands)	Operational	Unknown
546	1	OPT Mobilis	New Caledonia	Operational	Unknown
530	0	Reserved for AMPS MIN based IMSI's	New Zealand	Reserved	Unknown

530	1	Vodafone New Zealand / BellSouth New Zealand	New Zealand	Operational	900 / 1800 / 2100
530	2	Teleom New Zealand CDMA Mobile Network	New Zealand	Operational	Unknown
530	3	Telecom New Zealand / Walker Wireless Ltd.	New Zealand	Reserved	800
530	4	TelstraClear	New Zealand	Reserved	900 / 1800 / 2100
530	28	Econet Wireless New Zealand GSM Mobile Network	New Zealand	Operational	Unknown
710	21	Empresa Nicaragüense de Telecomunicaciones, S.A.	Nicaragua	Operational	Unknown
710	73	SERCOM / Servicios de Comunicaciones S.A.	Nicaragua	Operational	Unknown
614	1	Sahel.Com	Niger	Operational	Unknown
614	2	Celtel	Niger	Operational	Unknown
614	3	Telecel	Niger	Operational	Unknown
621	20	Celtel / V-Mobile / Econet Wireless Nigeria Ltd.	Nigeria	Operational	Unknown
621	30	MTN	Nigeria	Operational	Unknown
621	40	Nigeria Telecommunications Ltd.	Nigeria	Operational	Unknown
621	50	Glo	Nigeria	Operational	Unknown
242	1	TeleNor Mobil	Norway	Operational	Unknown
242	2	NetCom GSM	Norway	Operational	Unknown
242	3	Teletopia	Norway	Operational	Unknown
242	4	Tele2	Norway	Operational	Unknown
242	7	Ventelo	Norway	Operational	Unknown
422	2	General Telecoms	Oman	Operational	Unknown
410	1	Mobilink	Pakistan	Operational	900 / 1800
410	3	UFONE	Pakistan	Operational	900 / 1800
410	4	Paktel	Pakistan	Operational	900
410	6	Telenor	Pakistan	Operational	900 / 1800
410	7	Warid	Pakistan	Operational	900 / 1800
552	1	Palau National Communications Corp. (a.k.a. PNCC)	Palau	Operational	Unknown
714	1	Cable & Wireless Panama S.A.	Panama	Operational	Unknown
714	2	BSC de Panama S.A.	Panama	Operational	Unknown
310	1	Pacific Mobile Comms	Papua New Guinea	Operational	Unknown
744	1	VOX / Hola Paraguay S.A.	Paraguay	Operational	Unknown
744	2	Hutchison Telecom S.A.	Paraguay	Operational	Unknown
744	3	Compañía Privada de Comunicaciones S.A.	Paraguay	Operational	Unknown
716	10	TIM Peru	Peru	Operational	Unknown
515	1	Islacom / Isla Comms	Philippines	Operational	Unknown

515	2	Globe Telecom	Philippines	Operational	Unknown
515	3	Smart Communications	Philippines	Operational	Unknown
515	5	Digitel	Philippines	Operational	Unknown
260	1	Plus GSM / Polkomtel	Poland	Operational	Unknown
260	2	Era	Poland	Operational	Unknown
260	3	Orange	Poland	Operational	900 / 1800 / 2100
260	4	Tele2 Polska	Poland	Operational	Unknown
260	7	Premium internet	Poland	Operational	Unknown
260	8	E-Telko	Poland	Operational	Unknown
268	1	Vodafone	Portugal	Operational	900 / 1800 / 2100
268	3	Optimus Telecom	Portugal	Operational	900 / 1800 / 2100
268	6	TMN	Portugal	Operational	900 / 1800 / 2100
427	1	Q-Net / Q-Tel QATARNET	Qatar	Operational	Unknown
647	0	Orange La Réunion	Réunion	Operational	Unknown
647	2	Outremer Telecom	Réunion	Operational	Unknown
647	10	SRR / Société Réunionnaise du Radiotéléphone	Réunion	Operational	Unknown
226	1	Vodafone	Romania	Operational	900 / 1800 / 2100
226	3	Cosmote	Romania	Operational	900 / 1800
226	10	Orange	Romania	Operational	900 / 1800 / 2100
250	1	MTS	Russian Federation	Operational	900 / 1800
250	2	Megafon	Russian Federation	Operational	900 / 1800
250	3	NCC / Nizhegorodskaya Cellular Communications	Russian Federation	Operational	Unknown
250	4	Sibchallenge	Russian Federation	Operational	Unknown
250	5	Mobile Comms System / Siberian Cellular / SCS / Yenisey / Yeniseytelecom	Russian Federation	Operational	Unknown
250	7	BM Telecom / Zao SMARTS	Russian Federation	Operational	Unknown
250	10	Don Telecom / Dontelemekom	Russian Federation	Operational	Unknown
250	11	Orensot	Russian Federation	Operational	Unknown
250	12	Baykal Westcom / New Telephone Company / Far Eastern Cellular	Russian Federation	Operational	Unknown
250	13	Kuban GSM	Russian Federation	Operational	Unknown
250	14	Di-ex	Russian Federation	Operational	Unknown
250	16	NTC / New Telephone Company	Russian Federation	Operational	Unknown
250	17	Ermak RMS	Russian Federation	Operational	Unknown
250	19	Volgograd Mobile / INDIG	Russian Federation	Operational	Unknown
250	20	TELE2 / ECC	Russian Federation	Operational	Unknown

250	28	Extel	Russian Federation	Operational	Unknown
250	39	Uraltel / Uralsvyazinform	Russian Federation	Operational	Unknown
250	44	Stuvtelesot / North Caucasian GSM	Russian Federation	Operational	Unknown
250	92	Printelefone	Russian Federation	Operational	Unknown
250	93	Telecom XXI	Russian Federation	Operational	Unknown
250	99	Beeline	Russian Federation	Operational	900 / 1800
635	10	Rwandacell / MTN	Rwanda	Operational	Unknown
308	1	St. Pierre-et-Miquelon Télécom	Saint Pierre and Miquelon	Operational	Unknown
549	1	Telecom Samoa Cellular Ltd.	Samoa	Operational	Unknown
626	1	Companhia Santomese de Telecomunicações	Sao Tome and Principe	Operational	Unknown
292	10	Omnitel	San Marino	Operational	Unknown
292	1	Telecom Italia Mobile	San Marino	Operational	Unknown
292	88	Wind	San Marino	Operational	Unknown
420	1	Saudi Telecom / Ministry of PTT Al Jawal	Saudi Arabia	Operational	Unknown
420	7	Electronics App' Est. / EAE	Saudi Arabia	Operational	Unknown
608	1	Sonatel ALIZE	Senegal	Operational	Unknown
608	2	Sentel GSM	Senegal	Operational	Unknown
633	1	Seychelles Cellular Services	Seychelles	Operational	Unknown
220	1	Telenor	Serbia	Operational	900 / 1800 / 2100
220	3	MTS - Telekom Srbija	Serbia	Operational	900 / 2100
220	5	Topnet	Serbia	Testing	900
633	1	Cable & Wireless (Seychelles) Ltd.	Seychelles	Operational	Unknown
633	2	Mediatech International Ltd.	Seychelles	Operational	Unknown
633	10	Telecom Airtel	Seychelles	Operational	Unknown
619	1	Celtel	Sierra Leone	Operational	Unknown
619	2	Millicom	Sierra Leone	Operational	Unknown
619	3	Africell	Sierra Leone	Operational	Unknown
619	4	Comium	Sierra Leone	Operational	Unknown
619	5	Lintel	Sierra Leone	Operational	Unknown
619	25	Mobitel	Sierra Leone	Operational	Unknown
525	1	Singapore Telecom / SingTel	Singapore	Operational	900
525	2	Singapore Telecom / SingTel	Singapore	Operational	1800
525	3	MobileOne Asia / SGP-M1-3GS	Singapore	Operational	Unknown
525	5	StarHub	Singapore	Operational	Unknown

525	12	Digital Trunked Radio Network	Singapore	Operational	Unknown
231	1	Orange	Slovakia	Operational	900/1900
231	2	T-Mobile Slovensko / Eurotel	Slovakia	Operational	900/1900
231	3	Unient Communications	Slovakia	Operational	Unknown
231	4	T-Mobile Slovensko (UMTS) / Eurotel	Slovakia	Operational	Unknown
231	5	Orange / Mobile Entertainment Company (UMTS)	Slovakia	Operational	Unknown
231	6	Telefónica O2 Slovakia	Slovakia	Operational	Unknown
231	99	ŽSR	Slovakia	Operational	Unknown
293	40	Si Mobil	Slovenia	Operational	Unknown
293	41	Mobitel	Slovenia	Operational	Unknown
293	70	Vega	Slovenia	Operational	Unknown
655	1	Vodacom	South Africa	Operational	Unknown
655	6	Sentech (Pty) Ltd.	South Africa	Operational	
655	7	Cell C	South Africa	Operational	Unknown
655	10	MTN / Mobile Telephone Networks	South Africa	Operational	Unknown
655	11	SAPS Gauteng	South Africa	Operational	Unknown
655	21	Cape Town Metropolitan Council	South Africa	Operational	Unknown
655	30	Bokamoso Consortium	South Africa	Operational	Unknown
655	31	Karabo Telecoms (Pty) Ltd.	South Africa	Operational	Unknown
655	32	Ilizwi Telecommunications	South Africa	Operational	Unknown
655	33	Thinta Thinta Telecommunications	South Africa	Operational	Unknown
214	1	Vodafone	Spain	Operational	Unknown
214	3	Orange	Spain	Operational	Unknown
214	4	Yoigo / Xfera	Spain	Operational	Unknown
214	5	Movistar (used by resellers)	Spain	Operational	Unknown
214	6	Vodafone (used by resellers)	Spain	Operational	Unknown
214	7	Movistar	Spain	Operational	Unknown
214	8	Euskaltel (MVNO)	Spain	Operational	Unknown
214	9	Orange (used by resellers)	Spain	Operational	Unknown
413	2	MTN Networks Pvt Ltd / Dialog	Sri Lanka	Operational	Unknown
413	3	Celtel Lanka Ltd.	Sri Lanka	Operational	Unknown
634	1	Mobitel / Mobile Telephone Company	Sudan	Operational	Unknown
746	2	Telesu	Suriname	Operational	Unknown
653	10	Swazi MTN	Swaziland	Operational	Unknown

240	1	Telia Mobile / Telia Sonera	Sweden	Operational	Unknown
240	2	3 / Hutchison 3G (UMTS)	Sweden	Operational	Unknown
240	3	Nordisk Mobiltelefon (CDMA2000)	Sweden	Operational	Unknown
240	4	3G Infrastructure Services	Sweden	Operational	Unknown
240	5	Sweden 3G (UMTS) (Owned by Telia and Tele2)	Sweden	Operational	Unknown
240	6	Telenor (UMTS) / Vodafone Sverige	Sweden	Operational	Unknown
240	7	Tele2 / Comviq	Sweden	Operational	Unknown
240	8	Telenor / Vodafone / Europolitan	Sweden	Operational	Unknown
240	9	Telenor Mobile Sverige	Sweden	Operational	Unknown
240	10	Swefour	Sweden	Operational	Unknown
240	20	Wireless Maingate	Sweden	Operational	Unknown
240	21	Banverket MobiSir (GSM-R)	Sweden	Operational	Unknown
228	1	Swisscom NATEL	Switzerland	Operational	900 / 1800
228	2	diAx mobile / Sunrise	Switzerland	Operational	Unknown
228	3	Orange	Switzerland	Operational	Unknown
228	5	Togewanet AG	Switzerland	Operational	Unknown
228	6	SBB AG	Switzerland	Operational	Unknown
228	7	IN&Phone SA	Switzerland	Operational	Unknown
228	8	Tele2 Telecommunications AG	Switzerland	Operational	Unknown
228	12	Sunrise UMTS	Switzerland	Operational	Unknown
228	50	3G Mabile AG	Switzerland	Operational	Unknown
228	51	Global Networks Schweiz AG	Switzerland	Operational	Unknown
417	1	SyriaTel	Syria	Operational	Unknown
417	2	Spacetel Syria	Syria	Unknown	
417	9	Syrian Telecom Est. MOBILE	Syria	Operational	Unknown
436	1	JC Somoncom	Tajikistan	Operational	Unknown
436	2	CJSC Indigo Tajikistan	Tajikistan	Operational	Unknown
436	3	TT mobile	Tajikistan	Operational	Unknown
436	4	Josa Babilon-T	Tajikistan	Operational	Unknown
436	5	CTJTHSC Tajik-tel	Tajikistan	Operational	Unknown
466	1	FarEasTone / Far EasTone Telecoms	Taiwan	Operational	Unknown
466	6	Tuntex Telecom	Taiwan	Operational	Unknown
466	88	KG Telecom	Taiwan	Operational	Unknown
466	89	VIBO Telecom	Taiwan	Operational	Unknown



466	92	LDTA	Taiwan	Operational	Unknown
466	93	Mobitai Communications	Taiwan	Operational	Unknown
466	97	Pacific Cellular TWN GSM	Taiwan	Operational	Unknown
466	99	TransAsia Telecoms	Taiwan	Operational	Unknown
466	11	Chunghwa	Taiwan	Operational	Unknown
640	1	Tritel	Tanzania	Operational	Unknown
640	2	MIC	Tanzania	Operational	Unknown
640	3	Zantel	Tanzania	Operational	Unknown
640	4	Vodacom	Tanzania	Operational	Unknown
640	5	Celtel	Tanzania	Operational	Unknown
520	0	CAT CDMA	Thailand	Operational	Unknown
520	1	AIS / Advanced Info Service GSM	Thailand	Operational	Unknown
520	10	WCS IQ	Thailand	Operational	Unknown
520	15	ACT Mobile	Thailand	Operational	Unknown
520	18	Total Access Comms / Total Access Worldphone	Thailand	Operational	Unknown
520	23	Digital Phone Hello	Thailand	Operational	Unknown
520	99	True (formally Orange)	Thailand	Operational	Unknown
615	1	Togo Telecom / TOGO CELL	Togolese Republic	Operational	Unknown
539	1	Tonga Communications Corporation	Tonga	Operational	Unknown
539	43	Shoreline Communication	Tonga	Operational	Unknown
374	12	TSTT	Trinidad and Tobago	Operational	850 / 1800
374	13	Digicel	Trinidad and Tobago	Operational	850 / 1900
605	2	Tunicell / Tunisian PTT / Tunisie Telecom	Tunisia	Operational	Unknown
605	3	Orascom Telecom	Tunisia	Operational	Unknown
286	1	Turkcell	Turkey	Operational	Unknown
286	2	Vodafone	Turkey	Operational	Unknown
286	3	Avea / Aria	Turkey	Operational	Unknown
286	4	Aycell	Turkey	Operational	Unknown
438	1	Barash Communication Technologies (BCTI)	Turkmenistan	Operational	Unknown
438	2	TM-Cell	Turkmenistan	Operational	Unknown
641	1	Celtel Cellular	Uganda	Operational	Unknown
641	10	MTN Uganda	Uganda	Operational	Unknown
641	11	Uganda Telecom Ltd.	Uganda	Operational	Unknown
255	1	UMC	Ukraine	Operational	900 / 1800

255	2	Beeline	Ukraine	Operational	900 / 1800
255	3	Kyivstar	Ukraine	Operational	900 / 1800
255	5	Golden Telecom	Ukraine	Operational	1800
255	6	life:)	Ukraine	Operational	900 / 1800
424	1	UAE ETISALAT-G1	United Arab Emirates	Operational	Unknown
424	2	Etisala / UAE ETISALAT-G2	United Arab Emirates	Operational	Unknown
234	0	Virgin 3510i	United Kingdom	Operational	Unknown
234	2	O2	United Kingdom	Operational	Unknown
234	3	Jersey Telenet / Bharti / AirTel	United Kingdom	Testing	900
234	10	Cellnet / O2	United Kingdom	Operational	Unknown
234	11	O2	United Kingdom	Operational	Unknown
234	12	Railtrack	United Kingdom	Operational	Unknown
234	15	Vodafone	United Kingdom	Operational	Unknown
234	20	[3 (telecommunications)] / Hutchison 3G	United Kingdom	Operational	2100
234	30	T-Mobile / One 2 One	United Kingdom	Operational	1800
234	31	Virgin	United Kingdom	Operational	Unknown
234	32	Virgin	United Kingdom	Operational	Unknown
234	33	Orange	United Kingdom	Operational	1800
234	34	Orange	United Kingdom	Operational	1800
234	50	Jersey Telecom / Wave (Guernsey)	United Kingdom	Operational	900 / 1800 / 2100
234	55	Cable & Wireless Guernsey (bought Gsy Telecom) / Sure Mobile (Jersey)	United Kingdom	Operational	900 (G) / 1800 (J) / 2100
234	58	Manx Telecom	United Kingdom	Operational	Unknown
234	75	Inquam Telecom	United Kingdom	Operational	Unknown
310	0	Mid-Tex Celular	United States of America	Operational	Unknown
310	10	MCI	United States	Operational	Unknown
310	12	Verizon Wireless	United States of America	Operational	Unknown
310	13	MobileTel	United States of America	Operational	Unknown
310	14	Testing	United States of America	Operational	Unknown
310	16	Cricket Communications	United States of America	Operational	Unknown
310	17	North Sight Communications Inc.	United States of America	Operational	Unknown
310	20	APC Sprint Spectrum / Union Telephone Company	United States of America	Operational	Unknown
310	30	Centennial Communications	United States of America	Operational	Unknown
310	32	IT&E Overseas, Inc.	United States of America	Operational	Unknown
310	33	Guam Telephone Authority	United States of America	Operational	Unknown

310	34	Nevada Wireless LLC	United States of America	Operational	Unknown
310	40	Concho Cellular Telephone Co., Inc.	United States of America	Operational	Unknown
310	60	Consolidated Telcom	United States of America	Operational	Unknown
310	70	Highland Cellular, Inc.	United States of America	Operational	Unknown
310	80	Corr Wireless Communications LLC	United States of America	Operational	Unknown
310	90	Edge Wireless	United States of America	Operational	Unknown
310	100	New Mexico RSA 4 East Ltd. Partnership	United States of America	Operational	Unknown
310	110	Wireless 2000 Telephone	United States of America	Operational	Unknown
310	150	Cingular / Bell South / BellSouth Mobility DCS	United States of America	Operational	Unknown
310	160	T-Mobile / Omnipoint Communications	United States of America	Operational	1900
310	170	Cingular / Pacific Bell Wireless / T-Mobile	United States of America	Operational	Unknown
310	180	Cingular / West Central Wireless	United States of America	Operational	Unknown
310	190	Alaska Telecom Mobile / Alaska Wireless Communications	United States of America	Operational	Unknown
310	200	T-Mobile / T-Mobile Idaho / Oregon / Washington State	United States of America	Operational	1900
310	210	T-Mobile / T-Mobile Iowa	United States of America	Operational	1900
310	220	T-Mobile / T-Mobile Kansas / Oklahoma	United States of America	Operational	1900
310	230	T-Mobile / T-Mobile Utah	United States of America	Operational	1900
310	240	T-Mobile / T-Mobile New Mexico / Texas / Arizona	United States of America	Operational	1900
310	250	T-Mobile / T-Mobile Hawaii	United States of America	Operational	1900
310	260	T-Mobile / Western Wireless / Voicestream	United States of America	Operational	1900
310	270	T-Mobile / Powertel	United States of America	Operational	1900
310	280	T-Mobile	United States of America	Operational	1900
310	290	T-Mobile	United States of America	Operational	1900
310	300	T-Mobile	United States of America	Operational	1900
310	340	High Plains Midwest LLC, dba Wetlink Communications	United States of America	Operational	Unknown
310	310	T-Mobile / T-Mobile Florida / Aerial Communications	United States of America	Operational	1900
310	380	AT&T Wireless / Cingular	United States of America	Operational	Unknown
310	410	Cingular	United States of America	Operational	Unknown
310	420	Cincinnati Bell Wireless	United States of America	Operational	Unknown
310	430	Alaska Digitel	United States of America	Operational	Unknown
310	450	North East Cellular	United States of America	Operational	Unknown
310	460	TMP Corporation	United States of America	Operational	Unknown
310	470	Guam Wireless Telephone Company	United States of America	Operational	Unknown
310	480	Choice Phone	United States of America	Operational	Unknown

310	490	Triton PCS	United States of America	Operational	Unknown
310	500	Public Service Cellular	United States of America	Operational	Unknown
310	510	Airtel Wireless	United States of America	Operational	Unknown
310	520	VeriSign	United States of America	Operational	Unknown
310	530	West Virginia Wireless	United States of America	Operational	Unknown
310	540	Oklahoma Western Telephone Company	United States of America	Operational	Unknown
310	560	American Cellular Corporation	United States of America	Operational	Unknown
310	570	MTPCS, LLC / Chinook Wireless	United States of America	Operational	1900
310	580	PCS ONE	United States of America	Operational	Unknown
310	590	Western Wireless Corporation	United States of America	Operational	850 / 1900
310	610	Elkhart Telephone Co. / Epic Touch Co.	United States of America	Operational	Unknown
310	620	Coleman County Telecommunications / Trans Texas PCS	United States of America	Operational	Unknown
310	630	Comtel PCS Mainstreet LP	United States of America	Operational	Unknown
310	640	Airadigm Communications	United States of America	Operational	Unknown
310	660	T-Mobile	United States of America	Operational	1900
310	670	Northstar	United States of America	Operational	Unknown
310	680	Noverr Publishing, Inc. dba NPI Wireless	United States of America	Operational	Unknown
310	690	Conestoga Wireless Company	United States of America	Operational	Unknown
310	740	Telemetrix Technologies	United States of America	Operational	Unknown
310	760	Panhandle Telecommunications Systems Inc.	United States of America	Operational	Unknown
310	770	Iowa Wireless Services	United States of America	Operational	Unknown
310	780	Message Express Company dba Airlink PCS	United States of America	Operational	Unknown
310	790	PinPoint Communications	United States of America	Operational	Unknown
310	800	T-Mobile	United States of America	Operational	1900
310	830	Caprock Cellular	United States of America	Operational	Unknown
310	850	Aeris Communications	United States of America	Operational	Unknown
310	870	Kaplan Telephone Company	United States of America	Operational	Unknown
310	880	Advantage Cellular Systems	United States of America	Operational	Unknown
310	890	Rural Cellular Corporation	United States of America	Operational	Unknown
310	900	Taylor Telecommunications	United States of America	Operational	Unknown
310	910	Southern IL RSA Partnership / First Cellular of Southern Illinois	United States of America	Operational	Unknown
310	940	Poka Lambro Telecommunications	United States of America	Operational	Unknown
310	950	Texas RSA 1 dba XIT Cellular	United States of America	Operational	Unknown
310	970	Globalstar	United States of America	Operational	Unknown

310	980	AT&T Wireless Services	United States of America	Operational	Unknown
311	0	Mid-Tex Cellular	United States of America	Operational	Unknown
311	10	Chariton Valley Communications	United States of America	Operational	Unknown
311	20	Missouri RSA No. 5 Partnership	United States of America	Operational	Unknown
311	30	Indigo Wireless	United States of America	Operational	Unknown
311	40	Commet Wireless	United States of America	Operational	Unknown
311	50	Farmers Cellular Telephone	United States of America	Operational	Unknown
311	60	Farmers Cellular Telephone	United States of America	Operational	Unknown
311	70	Easterbrooke Cellular Corporation	United States of America	Operational	Unknown
311	80	Pine Cellular / Pine Telephone Company	United States of America	Operational	Unknown
311	90	Siouxland PCS	United States of America	Operational	Unknown
311	100	High Plains Wireless	United States of America	Operational	Unknown
311	110	High Plains Wireless	United States of America	Operational	Unknown
311	120	Choice Phone	United States of America	Operational	Unknown
311	130	Amarillo License	United States of America	Operational	Unknown
311	140	MBO Wireless / Cross Telephone Company	United States of America	Operational	Unknown
311	150	Wilkes Cellular	United States of America	Operational	Unknown
311	160	Endless Mountains Wireless	United States of America	Operational	Unknown
311	180	Cingular Wireless / Licensee Pacific Telesis Mobile Services	United States of America	Operational	Unknown
311	210	Farmers Cellular Telephone	United States of America	Operational	Unknown
316	10	Nextel Communications	United States of America	Operational	iDEN 800
316	11	Southern Communications Services	United States of America	Operational	Unknown
748	0	Ancel - TDMA	Uruguay	Operational	Unknown
748	1	Ancel - GSM	Uruguay	Operational	Unknown
434	1	Buztel	Uzbekistan	Operational	Unknown
434	2	Uzmacom	Uzbekistan	Operational	Unknown
434	4	Daewoo Unitel	Uzbekistan	Operational	Unknown
434	5	Coscom	Uzbekistan	Operational	Unknown
434	7	Uzdunrobita	Uzbekistan	Operational	Unknown
541	1	SMILE	Vanuatu	Operational	Unknown
225	10	Omnitel	Vatican	Operational	Unknown
225	1	Telecom Italia Mobile	Vatican	Operational	Unknown
225	88	Wind	Vatican	Operational	Unknown
734	1	Digitel / Infonet	Venezuela	Operational	Unknown

734	2	Digitel	Venezuela	Operational	Unknown
734	3	Digitel / Digicel	Venezuela	Operational	Unknown
734	4	Movistar (In Testing Period as of Nov. 2006)	Venezuela	Operational	Unknown
452	1	Mobifon / MTSC	Vietnam	Operational	Unknown
452	2	Vinaphone / DGPT	Vietnam	Operational	Unknown
421	1	SabaFon / Yemen Mobile Phone Company	Yemen	Operational	Unknown
421	2	Spacotel Yemen	Yemen	Operational	Unknown
630		African Telecom Net	Zaire	Operational	Unknown
645	1	Celtel / Zamcell	Zambia	Operational	Unknown
645	2	Telecel	Zambia	Operational	Unknown
648	1	Net One	Zimbabwe	Operational	Unknown
648	3	Telecel	Zimbabwe	Operational	Unknown
648	4	Econet	Zimbabwe	Operational	Unknown