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MCCMNC (mobile country code and mobile network code) list

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FAQ: Can you supply a full MCCMNC (mobile country code and mobile network code) list that I can upload to my database?

There is an accurate list maintained and published by the International Telecoms Union (ITU) and is accessible via their website (http://www.itu.int/pub/T-SP-OB (http://www.itu.int/pub/T-SP-OB)). Their publication schedule for MCCMNCs works as follows:

- $1. \ Infrequently \ publish \ their \ full \ list \ of \ MCCMNCs \ as \ an \ annex \ to \ their \ fortnightly \ publication$
- 2. Post updates to this list as part of the fortnightly publication

Search for the most recent publication that contains an "Annexed List: Mobile Network Codes (MNC)...". For every subsequent publication, find the section (if it exists) "Mobile Network Codes (MNC) for the international iden...". This section will tell you which MCCMNCs have been recently added.

Whilst their list is accurate, it has two notable problems

- Not comprehensive
- Out-of-date brand/network/operator/company names.

For this reason we recommend that you cross reference with another source. A reasonable source of this information is the Mobile Country Code Wikipedia page (http://en.wikipedia.org/wiki/Mobile_country_code), however; there is no guarantee of accuracy.

Notes on MCCMNCs:

- MNCs can be 2 or 3 digits long. In most cases you can predict the number of characters of an MNC using the MCC, but there are a few cases where an MCC has 2-digit and 3-digit MNCs under it.
- Many mobile network operators have acquired multiple MCC/MNCs, so do not stop analysing when you have found the first one you come across. This is becoming more common by the day through mergers and acquisitions.
- Data storage: MCC and MNCs should be stored in text formats, not integer formats. Databases will typically strip out the leading zeros on MNCs, such that the MNC "01" becomes "1". If you are cross-referencing data from another source, check that your data source is correctly preserving the 0s.

Due to the complexities listed above and potential liability of providing incorrect information, txtNation do not provide an officially support MCCMNC list. The above method is provided for reference only and you should take your own measures to ensure it's accuracy when creating your own MCCMNC list.

The list below, that has been compiled using the above method is not guaranteed to be accurate or up to date, so we would appreciate you contacting us if you find any discrepancies with your own compilation and analysis.



J. _ _0	woodilite (mobile country code and mobile network code) not extraction cupport							
N	MCCMNC		MCC		MNC		Country	Network / operator
	28967		289		67		Abkhazia	Aquafon
	28968		289		68		Abkhazia	A-Mobile
	28988		289		88		Abkhazia	A-Mobile
	41201		412		1		Afghanistan	Afghan Wireless/AWCC
	41220		412		20		Afghanistan	Roshan (Telecom Development Company Afghanistan)
	41230		412		30		Afghanistan	Etisalat
	41240		412		40		Afghanistan	Areeba (MTN)
	41250		412		50		Afghanistan	Etisalat
	41280		412		80		Afghanistan	Afghan Telecom Corp. (AT)
	41288		412		88		Afghanistan	Afghan Telecom Corp. (AT)
	27601		276		1		Albania	AMC Mobil
	27602		276		2		Albania	Vodafone
	27603		276		3		Albania	Eagle Mobile
	27604		276		4		Albania	PLUS Communication Sh.a
	60301		603		1		Algeria	ATM Mobils
	60302		603		2		Algeria	Orascom / DJEZZY
	60303		603		3		Algeria	Wataniya / Nedjma
	54411		544		11		American Samoa	Blue Sky Communications
	544998		544		998		American Samoa	American Samoa Telecom
	21303		213		3		Andorra	Mobiland (Servei De Tele. Dandorra) (Andorra Telecom)
	63102		631		2		Angola	Unitel
	63103		631		3		Angola	Angola Telecom (AKA MoviCel)
	63104		631		4		Angola	MoviCel
	365010		365		10		Anguilla	Digicell / Wireless Vent. Ltd / Weblinks
	365050		365		50		Anguilla	Digicell
	365840		365		840		Anguilla	Cable and Wireless
	344030		344		30		Antigua and Barbuda	APUA PCS (Antigua Public Utilities Authority) / imobile
	344050		344		50		Antigua and Barbuda	Digicel
	344920		344		920		Antigua and Barbuda	LIME (C & W)
	344930		344		930		Antigua and Barbuda	Cing. Wirel/Digicel
	722010		722		10		Argentina Republic	Movistar (Compania De Radiocomunicaciones Moviles SA)
	722020		722		20		Argentina Republic	Nextel / NII Holdings Inc (AG)
	722040		722		40		Argentina Republic	Globalstar
	722070		722		70		Argentina Republic	Movistar/Telefonica
	722310		722		310		Argentina Republic	Claro/ CTI/AMX
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722320	722	320	Argentina Republic	Claro/ CTI/AMX
722330	722	330	Argentina Republic	Claro/ CTI/AMX
722340	722	340	Argentina Republic	Telecom Personal S.A.
722341	722	341	Argentina Republic	Telecom Personal S.A.
722350	722	350	Argentina Republic	PORT-HABLE (Hutchison Telecommunications Argentina)
28301	283	1	Armenia	Beeline/ArmenTel (Armenia Telephone Company)
28304	283	4	Armenia	Karabakh Telecom
28305	283	5	Armenia	Vivacell (K Telecom CJSC)
28310	283	10	Armenia	Orange
36301	363	1	Aruba	Setar GSM
36302	363	2	Aruba	Digicel
36320	363	20	Aruba	Digicel / New Millenium Telecom Services (NMTS)
50501	505	1	Australia	Telstra Corp. Ltd.
50502	505	2	Australia	Singtel Optus
50503	505	3	Australia	Vodafone
50504	505	4	Australia	Department of Defense
50505	505	5	Australia	The Ozitel Network Pty.
50506	505	6	Australia	Vodafone Hutchinson Australia (AKA Crazy John's)
50507	505	7	Australia	Vodafone
50508	505	8	Australia	Railcorp/Vodafone
50509	505	9	Australia	Airnet Commercial Australia Ltd
50511	505	11	Australia	Telstra Corp. Ltd.
50512	505	12	Australia	Vodafone Hutchinson Australia (AKA Crazy John's)
50513	505	13	Australia	Railcorp/Vodafone
50514	505	14	Australia	AAPT Ltd.
50516	505	16	Australia	Victorian Rail Track Corp. (VicTrack)
50519	505	19	Australia	Lycamobile Pty Ltd
50524	505	24	Australia	Advanced Comm Tech Pty.
50526	505	26	Australia	Dialogue Communications Pty Ltd
50532	505	32	Australia	Thales Australia
50538	505	38	Australia	Vodafone (previously Crazy John's)
50571	505	71	Australia	Telstra Corp. Ltd.
50572	505	72	Australia	Telstra Corp. Ltd.
50588	505	88	Australia	Localstar Holding Pty. Ltd
50590	505	90	Australia	Singtel Optus
50599	505	99	Australia	Railcorp/Vodafone

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23200	232	0	Austria	Fix Line
23201	232	1	Austria	A1 MobilKom
23202	232	2	Austria	A1 MobilKom
23203	232	3	Austria	T-Mobile
23204	232	4	Austria	T-Mobile
23205	232	5	Austria	Orange/One Connect (Drei/Three)
23206	232	6	Austria	Orange/One Connect
23207	232	7	Austria	T-Mobile/Telering
23208	232	8	Austria	Telefonica
23209	232	9	Austria	A1 MobilKom
23210	232	10	Austria	H3G
23211	232	11	Austria	A1 MobilKom
23212	232	12	Austria	yesssl (Orange/One Connect)
23214	232	14	Austria	H3G
23215	232	15	Austria	T-Mobile/Telering
23216	232	16	Austria	H3G
40001	400	1	Azerbaijan	Azercell Telekom B.M.
40002	400	2	Azerbaijan	JV. Bakcell GSM 2000
40003	400	3	Azerbaijan	Caspian American Telecommunications LLC (CATEL)
40004	400	4	Azerbaijan	Azerfon.
40005	400	5	Azerbaijan	Special State Protection Service of the Republic of Azerbaijan
36430	364	30	Bahamas	Bahamas Telco. Comp.
36439	364	39	Bahamas	Bahamas Telco. Comp.
364390	364	390	Bahamas	Bahamas Telco. Comp.
42601	426	1	Bahrain	Batelco
42602	426	2	Bahrain	MTC Vodafone (Zain)
42603	426	3	Bahrain	Civil Aviation Authority
42604	426	4	Bahrain	VIVA (Saudi Telecom Company Group)
42605	426	5	Bahrain	Batelco / Royal Court
47001	470	1	Bangladesh	GrameenPhone
47002	470	2	Bangladesh	Robi/Axoata (formerly Aktel)
47003	470	3	Bangladesh	Banlalink / Orascom
47004	470	4	Bangladesh	TeleTalk
47005	470	5	Bangladesh	Citycell
47006	470	6	Bangladesh	Citycell
47007	470	7	Bangladesh	Airtel/Warid

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342050	342	50	Barbados	Diglcel
342600	342	600	Barbados	LIME (C & W BET Ltd.)
342750	342	750	Barbados	Digicel
342810	342	810	Barbados	Cingular Wireless (AT&T)
342820	342	820	Barbados	Sunbeach
25701	257	1	Belarus	Velcom (Mobile Digital Communications)
25702	257	2	Belarus	MTS
25703	257	3	Belarus	BelCel JV
25704	257	4	Belarus	"Life :)" (Formlery BeST)
25705	257	5	Belarus	Republican Unitary Telecommunication Enterprise (RUE) Beltelecom (National Telecommunications Operator of th
25706	257	6	Belarus	Belorussian Cloud Technologies
257501	257	501	Belarus	BelJel JV
20601	206	1	Belgium	Belgacom/Proximus
20602	206	2	Belgium	SNCT/NMBS
20605	206	5	Belgium	Telenet BidCo NV
20606	206	6	Belgium	Lycamobile (MVNO under Mobistar)
20607	206	7	Belgium	Mundio Mobile Belgium
20610	206	10	Belgium	Mobistar/Orange
20615	206	15	Belgium	Elephant Talk Communications Schweiz
20620	206	20	Belgium	Base/KPN
20640	206	40	Belgium	Join Experience (Belgium)
70267	702	67	Belize	DigiCell (Belize Telemedia Ltd.)
70268	702	68	Belize	International Telco (INTELCO)
70299	702	99	Belize	Speednet (Smart)
61600	616	0	Benin	Bell Benin/BBCOM
61601	616	1	Benin	Libercom (Benin Telecoms Mobile)
61602	616	2	Benin	Etisalat/MOOV/Telecel Benin
61603	616	3	Benin	MTN/Spacetel
61604	616	4	Benin	Bell Benin/BBCOM
61605	616	5	Benin	GloMobile
31059	310	59	Bermuda	CellularOne Bermuda
350000	350	0	Bermuda	Bermuda Digital Communications Ltd (CellOne)
35000	350	0	Bermuda	CellOne / Bermuda Digital Communications Ltd (BDC)
35001	350	1	Bermuda	Telecommunications (Bermuda & West Indies) Ltd (Digicel Bermuda)
35002	350	2	Bermuda	M3 Wireless Ltd (Mobility Ltd)
338050	338	50	Bermuda	Digicell Bermuda
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35010	350	10	Bermuda	DigiCel / Cingular
35003	350	3	Bermuda	CellOne Ltd
40211	402	11	Bhutan	B-Mobile
40217	402	17	Bhutan	Bhutan Telecom Ltd (BTL)
40277	402	77	Bhutan	TashiCell
73601	736	1	Bolivia	Nuevatel
73602	736	2	Bolivia	Entel Pcs
73603	736	3	Bolivia	Tigo / TELECEL BOLIVIA
36291	362	91	Bonaire, Sint Eustatius and Saba	United Telecommunications Services NV (UTS) (SETEL)
21803	218	3	Bosnia & Herzegov.	Eronet Mobile / Public Enterprise Croation Telecom
21805	218	5	Bosnia & Herzegov.	M-Tel / RS Telecommunications JSC Banja Luka
21890	218	90	Bosnia & Herzegov.	BH Mobile
65200	652	0	Botswana	
65201	652	1	Botswana	Mascom Wireless (Pty) Ltd.
65202	652	2	Botswana	Orange
65204	652	4	Botswana	BTC Mobile / Botswana Telecommunications Corporation
72400	724	0	Brazil	Nextel (Telet) / NII Holdings, Inc.
72401	724	1	Brazil	Vivo S.A./Telemig (Sisteer Do Brasil)
72402	724	2	Brazil	TIM (Telecom Italia)
72403	724	3	Brazil	TIM (Telecom Italia)
72404	724	4	Brazil	TIM (Telecom Italia)
72405	724	5	Brazil	Claro/Albra/America Movil
72406	724	6	Brazil	Vivo S.A./Telemig
72407	724	7	Brazil	CTBC/Triangulo
72408	724	8	Brazil	TIM (Telecom Italia)
72410	724	10	Brazil	Vivo S.A./Telemig
72411	724	11	Brazil	Vivo S.A./Telemig
72412	724	12	Brazil	Claro/Albra/America Movil
72415	724	15	Brazil	Sercomtel Cel
72416	724	16	Brazil	Brazil Telcom (BRT celular)
72418	724	18	Brazil	Datora (MVNO)
72419	724	19	Brazil	Vivo S.A./Telemig
72423	724	23	Brazil	Vivo S.A./Telemig /Amazonia
72424	724	24	Brazil	Amazonia Celular S/A
72430	724	30	Brazil	Oi (TNL PCS / Oi)
72431	724	31	Brazil	Oi (TNL PCS / Oi)

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72432	724	32	Brazil	CTBC Celular SA (CTBC)
72433	724	33	Brazil	CTBC Celular SA (CTBC)
72434	724	34	Brazil	CTBC Celular SA (CTBC)
72435	724	35	Brazil	Telcom
72436	724	36	Brazil	Options
72437	724	37	Brazil	Unicel do Brasil Telecomunicacoes Ltda
72438	724	38	Brazil	Claro/Albra/America Movil
72439	724	39	Brazil	Nextel (Telet) / NII Holdings, Inc.
72454	724	54	Brazil	Porto Seguro Telecomunicacoes (MVNO)
72499	724	99	Brazil	Local (STFC)
348170	348	170	British Virgin Islands	LIME (Cable & Wireless)
348570	348	570	British Virgin Islands	Caribbean Cellular / CCT Boatphone
348770	348	770	British Virgin Islands	Digicel
52801	528	1	Brunei Darussalam	Telekom Brunei Bhd (TelBru) (Jabatann Telekom Brunei)
52802	528	2	Brunei Darussalam	b-mobile
52811	528	11	Brunei Darussalam	Datastream (DTSCom)
28401	284	1	Bulgaria	MobilTel AD
28403	284	3	Bulgaria	BTC Mobile EOOD (vivatel)
28405	284	5	Bulgaria	Cosmo Mobile EAD/Globul
28406	284	6	Bulgaria	BTC Mobile EOOD (vivatel)
61301	613	1	Burkina Faso	TeleMob-OnaTel
61302	613	2	Burkina Faso	AirTel/ZAIN/CelTel
61303	613	3	Burkina Faso	TeleCel
41401	414	1	Burma / Myanmar	Myanmar Post & Teleco.
41405	414	5	Burma / Myanmar	Ooredoo
41406	414	6	Burma / Myanmar	Telenor Myanmar
64201	642	1	Burundi	Spacetel / Econet
64202	642	2	Burundi	Africel / Safaris
64203	642	3	Burundi	Onatel / Telecel
64207	642	7	Burundi	Smart Mobile / LACELL
64208	642	8	Burundi	HiTs Telecom
64282	642	82	Burundi	Leo (formerly U-COM (formerly Telecel)) / Orascom Telecom
45601	456	1	Cambodia	Mobitel/Cam GSM
45602	456	2	Cambodia	Smart Axiata (formerly Hello Axiata and Smart Mobile)/Malaysia Telcom
45603	456	3	Cambodia	QB/ Cambodia Advance Communications Co. Ltd (CADCOMMS)
45604	456	4	Cambodia	OB/ Cambodia Advance Communications Co. Ltd (CADCOMMS)

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45605	456	5	Cambodia	Latelz Company Limited (Smart Mobile)
45606	456	6	Cambodia	Latelz Company Limited (Smart Mobile)
45608	456	8	Cambodia	Metfone
45609	456	9	Cambodia	Sotelco Ltd (Beeline Cambodia)
45611	456	11	Cambodia	Excell
45618	456	18	Cambodia	MFone/Camshin
62401	624	1	Cameroon	MTN
62402	624	2	Cameroon	Orange
62404	624	4	Cameroon	Nextel (ex Viettel Cameroon)
302220	302	220	Canada	Telus Mobility
302221	302	221	Canada	Telus Mobility
302222	302	222	Canada	Telus Mobility
302250	302	250	Canada	ALO Mobile Inc
302270	302	270	Canada	Bragg Communications
302290	302	290	Canada	Airtel Wireless
302320	302	320	Canada	Mobilicity / Dave Wireless
302340	302	340	Canada	Execulink
302350	302	350	Canada	FIRST Networks Operations
302360	302	360	Canada	Telus Mobility (Clearnet)
302370	302	370	Canada	FIDO (Rogers AT&T/ Microcell)
302380	302	380	Canada	DMTS Mobility / Dryden Mobility / Keewaytinook Okimakinak
302390	302	390	Canada	DMTS Mobility / Dryden Mobility
302480	302	480	Canada	SSi Connexions
302490	302	490	Canada	WIND (Globalive Wireless)
302500	302	500	Canada	Videotron
302510	302	510	Canada	Videotron
302520	302	520	Canada	Videotron
302530	302	530	Canada	Keewatinook Okimakinak
302560	302	560	Canada	Lynx Mobility
302570	302	570	Canada	LightSquared
302590	302	590	Canada	Quadro Communication
302610	302	610	Canada	Bell Mobility
302620	302	620	Canada	Ice Wireless
302630	302	630	Canada	Bell Aliant
302640	302	640	Canada	Bell Mobility / Latitude Wireless
302651	302	651	Canada	Bell Mobility

302652	302	652	Canada	BC Tel Mobility
302653	302	653	Canada	Telus Mobility
302654	302	654	Canada	Sask Tel Mobility
302655	302	655	Canada	MTS Mobility
302656	302	656	Canada	Tbay Mobility
302657	302	657	Canada	Quebectel Mobility
302660	302	660	Canada	MTS Mobility
302670	302	670	Canada	CityWest/CityTel Mobility
302680	302	680	Canada	Sask Tel Mobility
302690	302	690	Canada	Bell Mobility
302701	302	701	Canada	NB Tel Mobility
302702	302	702	Canada	MT&T Mobility
302703	302	703	Canada	New Tel Mobility
302710	302	710	Canada	Globalstar Canada
302720	302	720	Canada	Rogers AT&T Wireless
302730	302	730	Canada	TerreStar Solutions
302740	302	740	Canada	Shaw Telecom
302750	302	750	Canada	Sask Tel Mobility
302760	302	760	Canada	Public Mobile
302770	302	770	Canada	Rural Com
302780	302	780	Canada	Sask Tel Mobility
302790	302	790	Canada	NetSet Communications
302860	302	860	Canada	Telus Mobility
302880	302	880	Canada	Telus Communications company (possibly others too)
302940	302	940	Canada	Wrightman Telecom
302990	302	990	Canada	Test
62501	625	1	Cape Verde	CV Movel
62502	625	2	Cape Verde	T+ Telecom (Unitel)
346006	346	6	Cayman Islands	Digicel Ltd.
346050	346	50	Cayman Islands	Digicel Cayman Ltd
346140	346	140	Cayman Islands	LIME / Cable & Wirel.
346380	346	380	Cayman Islands	Cingular Wireless (AT&T)
346998	346	998	Cayman Islands	Wireless Ventures Cayman Islands
62301	623	1	Central African Rep.	Centrafr. Telecom+
62302	623	2	Central African Rep.	Telecel Centraf:
62303	623	3	Central African Rep.	Orange/Celca

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62304	623	4	Central African Rep.	Nationlink		
62201	622	1	Chad	Zain/Airtel/Celtel		
62202	622	2	Chad	Tchad Mobile		
62203	622	3	Chad	Tigo/Milicom/Tchad Mobile		
62204	622	4	Chad	Salam/Sotel		
62207	622	7	Chad	Salam/Sotel		
73000	730	0	Chile	TESAM SA		
73001	730	1	Chile	Entel Telefonia Mov		
73002	730	2	Chile	TELEFONICA		
73003	730	3	Chile	Claro		
73004	730	4	Chile	Nextel SA		
73005	730	5	Chile	Nextel SA		
73006	730	6	Chile	Blue Two Chile SA		
73007	730	7	Chile	TELEFONICA		
73008	730	8	Chile	VTR Banda Ancha SA		
73009	730	9	Chile	Nextel SA		
73010	730	10	Chile	Entel PCS		
73011	730	11	Chile	Celupago SA		
73012	730	12	Chile	Telestar Movil SA		
73013	730	13	Chile	Tribe Mobile SPA		
73014	730	14	Chile	Netline Telefonica Movil Ltda		
73015	730	15	Chile	Cibeles Telecom SA		
46000	460	0	China	China Mobile GSM		
46002	460	2	China	China Mobile GSM		
46007	460	7	China	China Mobile GSM		
46004	460	4	China	China Space Mobile Satellite Telecommunications Co. Ltd (China Spacecom)		
46003	460	3	China	China Telecom		
46005	460	5	China	China Telecom		
46001	460	1	China	China Unicom		
46006	460	6	China	China Unicom		
46011	460	11	China	China Unicom		
732001	732	1	Colombia	TIGO/Colombia Movil		
732002	732	2	Colombia	Edatel S.A.		
732020	732	20	Colombia	UNE EPM Telecomunicaciones SA ESP		
732101	732	101	Colombia	Comcel S.A. Occel S.A./Celcaribe		
732102	732	102	Colombia	Movistar		

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732103	732	103	Colombia	TIGO/Colombia Movil
732111	732	111	Colombia	TIGO/Colombia Movil
732123	732	123	Colombia	Movistar (Telefónica Móviles Colombia)
732130	732	130	Colombia	Avantel SAS
732142	732	142	Colombia	UNE EPM Telecomunicaciones SA ESP
732154	732	154	Colombia	Virgin Mobile Colombia SAS
65401	654	1	Comoros	HURI - SNPT
63001	630	1	Congo, Dem. Rep.	Vodacom
63002	630	2	Congo, Dem. Rep.	ZAIN CelTel
63005	630	5	Congo, Dem. Rep.	SuperCell
63086	630	86	Congo, Dem. Rep.	Orange RDC sarl
63088	630	88	Congo, Dem. Rep.	Yozma Timeturns sprl (YTT)
63089	630	89	Congo, Dem. Rep.	TIGO/Oasis
63090	630	90	Congo, Dem. Rep.	Africell
62901	629	1	Congo, Republic	Airtel Congo SA (formery Celtel)
62907	629	7	Congo, Republic	Warid
62910	629	10	Congo, Republic	MTN/Libertis
62902	629	2	Congo, Republic	Zain/Celtel
54801	548	1	Cook Islands	Telecom Cook Islands
71201	712	1	Costa Rica	ICE
71202	712	2	Costa Rica	ICE
71203	712	3	Costa Rica	Claro
71204	712	4	Costa Rica	Movistar (Telefonica Moviles Costa Rica)
71220	712	20	Costa Rica	Virtualis / fullmovil
21901	219	1	Croatia	T-Mobile/Cronet
21902	219	2	Croatia	Tele2
21910	219	10	Croatia	VIPnet d.o.o.
36801	368	1	Cuba	C-COM (cubacel) / ETECSA
36269	362	69	Curacao	Polycom N.V./ Curacao Telecom d.b.a. Digicel
36295	362	95	Curacao	EOCG Wireless NV
28001	280	1	Cyprus	Vodafone/CyTa
28010	280	10	Cyprus	MTN/Areeba
28020	280	20	Cyprus	PrimeTel PLC
28022	280	22	Cyprus	Lemontel Ltd
23001	230	1	Czech Republic	T-Mobile / RadioMobil
23002	230	2	Czech Republic	02

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23003	230	3	Czech Republic	Vodafone (formerly Oskar Mobil (formlerly Cesky))
23004	230	4	Czech Republic	Ufone
23005	230	5	Czech Republic	Travel Telekommunikation s.r.o.
23007	230	7	Czech Republic	Astelnet
23008	230	8	Czech Republic	Compatel s.r.o.
23098	230	98	Czech Republic	Správa železni?ní dopravní cesty (Railway)
23099	230	99	Czech Republic	Vodafone
23801	238	1	Denmark	TDC Denmark
23802	238	2	Denmark	Telenor (former Sonofon)
23803	238	3	Denmark	Mach Connectivity ApS
23804	238	4	Denmark	NextGen Mobile Ltd (CardBoardFish)
23806	238	6	Denmark	HI3G
23807	238	7	Denmark	Barablu Denmark
23808	238	8	Denmark	Nordisk Mobiltelefon Danmark A/S
23810	238	10	Denmark	TDC Denmark
23812	238	12	Denmark	Lycamobile Ltd
23813	238	13	Denmark	Compatel Limited
23815	238	15	Denmark	Ice Darmark ApS
23820	238	20	Denmark	Telia
23823	238	23	Denmark	Banedanmark
23828	238	28	Denmark	CoolTEL ApS
23830	238	30	Denmark	Telia
23843	238	43	Denmark	MobiWeb Limited
23866	238	66	Denmark	TT-Netvaerket P/S
23877	238	77	Denmark	Telenor (former Tele2)
63801	638	1	Djibouti	Djibouti Telecom SA (Evatis)
366020	366	20	Dominica	Cingular Wireless (AT&T) / Digicel
366050	366	50	Dominica	Wireless Ventures (Dominica) Ltd (Digicel Dominica)
366110	366	110	Dominica	C & W
366998	366	998	Dominica	Orange Dominica
37001	370	1	Dominican Republic	Orange
37002	370	2	Dominican Republic	Claro (Compania Dominicana de Telefonos)
37003	370	3	Dominican Republic	TRIcom
37004	370	4	Dominican Republic	Trilogy Dominicana S. A.
74000	740	0	Ecuador	MOVISTAR/OteCel
74001	740	1	Ecuador	Porta/Conecel

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74002	740	2	Ecuador	Alegro/Telcsa
60201	602	1	Egypt	EMS - Mobinil
60202	602	2	Egypt	Vodafone (Misrfone Telecom)
60203	602	3	Egypt	ETISALAT
70601	706	1	El Salvador	CLARO/CTE
70602	706	2	El Salvador	Digicel
70603	706	3	El Salvador	Tigo (Telemovil)
70604	706	4	El Salvador	Movistar (Telefonica Moviles)
70605	706	5	El Salvador	INTELFON SA de CV
62701	627	1	Equatorial Guinea	ORANGE/GETESA
62703	627	3	Equatorial Guinea	HiTs-GE
65701	657	1	Eritrea	Eritel
24801	248	1	Estonia	AS Easti Telekom EMT GSM
24802	248	2	Estonia	Elisa / Radiolinja Eesti (RLE)
24803	248	3	Estonia	Tele2 Eesti AS
24804	248	4	Estonia	Top Connect OU (OY Top Connect)
24805	248	5	Estonia	AS Bravocom Mobiil
24806	248	6	Estonia	ProGroup Holding OY
24807	248	7	Estonia	Televõrgu AS
24808	248	8	Estonia	Vivex OÜ
24809	248	9	Estonia	Bravo Telecom OÜ
28471	284	71	Estonia	Siseministeerium (Ministry of Interior)
63601	636	1	Ethiopia	ETH/MTN
750001	750	1	Falkland Islands	Cable and Wireless South Atlantic Ltd (Falklands)
28801	288	1	Faroe Islands	Faroese Telecom
28802	288	2	Faroe Islands	Kall GSM
28803	288	3	Faroe Islands	Edge Mobile Sp/F
54201	542	1	Fiji	Vodafone
54202	542	2	Fiji	DigiCell
54203	542	3	Fiji	Telecom Fiji Ltd (CDMA)
24403	244	3	Finland	DNA/Finnet
24404	244	4	Finland	DNA/Finnet
24405	244	5	Finland	Elisa/Saunalahti
24409	244	9	Finland	Nokia Oyj
24410	244	10	Finland	TDC Oy Finland
24411	244	11	Finland	Mundio Mobile (Finland) Ltd
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24412	244	12	Finland	DNA/Finnet
24413	244	13	Finland	DNA/Finnet
24414	244	14	Finland	Alands
24415	244	15	Finland	Samk Student Test Network
24416	244	16	Finland	Oy Finland Tele2 AB
24421	244	21	Finland	Elisa/Saunalahti
24426	244	26	Finland	Compatel Ltd
24429	244	29	Finland	SCNL TRUPHONE
24430	244	30	Finland	Vectone Mobile/ Mundio Mobile
24431	244	31	Finland	Ukko Mobile
24432	244	32	Finland	Voxbone SA
24482	244	82	Finland	ID-Mobile
24491	244	91	Finland	TeliaSonera
20800	208	0	France	Tel/Tel
20801	208	1	France	Orange
20802	208	2	France	Orange
20803	208	3	France	MobiquiThings
20804	208	4	France	SISTEER
20805	208	5	France	GlobalStar
20806	208	6	France	GlobalStar
20807	208	7	France	GlobalStar
20809	208	9	France	S.F.R.
20810	208	10	France	S.F.R.
20811	208	11	France	S.F.R.
20813	208	13	France	S.F.R.
20814	208	14	France	Lliad/FREE Mobile
20815	208	15	France	Lliad/FREE Mobile
20816	208	16	France	Lliad/FREE Mobile
20820	208	20	France	Bouygues Telecom
20821	208	21	France	Bouygues Telecom
20822	208	22	France	Transatel SA
20823	208	23	France	Omer/Virgin Mobile
20824	208	24	France	MobiquiThings
20825	208	25	France	Lycamobile SARL
20826	208	26	France	NRJ
20827	208	27	France	AFONE SA
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20828	208	28	France	Astrium
20829	208	29	France	Orange
20831	208	31	France	Mundio Mobile (France) Ltd
20888	208	88	France	Bouygues Telecom
20889	208	89	France	Omer/Virgin Mobile
20891	208	91	France	Orange
20892	208	92	France	Association Plate-forme Telecom
34011	340	11	French Guiana	TelCell GSM
54715	547	15	French Polynesia	Pacific Mobile Telecom (PMT)
54720	547	20	French Polynesia	Tikiphone
62801	628	1	Gabon	Libertis S.A.
62802	628	2	Gabon	MOOV/Telecel (Atlantique Telecom / Etisalat)
62803	628	3	Gabon	ZAIN/Celtel Gabon S.A.
62804	628	4	Gabon	Azur/Usan S.A.
60701	607	1	Gambia	Gamcel
60702	607	2	Gambia	Africel
60703	607	3	Gambia	Comium
60704	607	4	Gambia	Q-Cell
28201	282	1	Georgia	Geocell Ltd.
28202	282	2	Georgia	Magti GSM Ltd.
28203	282	3	Georgia	Iberiatel Ltd. And/or Magticom
28204	282	4	Georgia	MobiTel/Beeline
28205	282	5	Georgia	Silknet
28206	282	6	Georgia	JSC Compatel
28207	282	7	Georgia	Globalcell Ltd
28208	282	8	Georgia	Silknet
28209	282	9	Georgia	Gmobile Ltd
26201	262	1	Germany	Telekom/T-mobile
26202	262	2	Germany	Vodafone D2
26203	262	3	Germany	E-Plus
26204	262	4	Germany	Vodafone D2
26205	262	5	Germany	E-Plus
26206	262	6	Germany	Telekom/T-mobile
26207	262	7	Germany	O2
26208	262	8	Germany	02
26209	262	9	Germany	Vodafone D2
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26210	262	10	Germany	02
26211	262	11	Germany	02
26212	262	12	Germany	02
26213	262	13	Germany	Mobilcom
26214	262	14	Germany	Group 3G UMTS
26216	262	16	Germany	Telogic/ViStream
26217	262	17	Germany	E-Plus
26220	262	20	Germany	OnePhone (E-Plus)
26243	262	43	Germany	Lycamobile
26277	262	77	Germany	E-Plus
262n/a	262	n/a	Germany	Debitel
262n/a	262	n/a	Germany	Talkline
62001	620	1	Ghana	мти
62002	620	2	Ghana	Vodafone (formlery Onetouch)
62003	620	3	Ghana	Milicom/Tigo (former MOBITEL)
62004	620	4	Ghana	Expresso Ghana Ltd / Kasapa
62006	620	6	Ghana	Airtel (Zain)
62007	620	7	Ghana	Globacom / GloMobile
26601	266	1	Gibraltar	Gibtel GSM
26606	266	6	Gibraltar	CTS Mobile
26609	266	9	Gibraltar	eazi telecom
20201	202	1	Greece	Cosmote
20202	202	2	Greece	Cosmote
20203	202	3	Greece	OTE Hellenic Telecommunications Organization SA
20204	202	4	Greece	Organismos Sidirodromon Ellados (OSE)
20205	202	5	Greece	Vodafone
20206	202	6	Greece	Cosmoline
20207	202	7	Greece	AMD Telecom SA
20209	202	9	Greece	Tim (Telecom Italia) /Wind
20210	202	10	Greece	Tim (Telecom Italia) /Wind
29001	290	1	Greenland	Tele Greenland
352030	352	30	Grenada	Digicel
352050	352	50	Grenada	Digicel
352110	352	110	Grenada	Cable & Wireless
352130	352	130	Grenada	Digicel
34001	340	1	Guadeloupe	Orange Caribe Mobiles
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220 to Micolante (mobile country code and mobile network code) list. Outstation cappoint					
34002	340	2	Guadeloupe	Outremer Telecom Guadeloupe (AKA Only)	
34003	340	3	Guadeloupe	Telcel / United Telecommunications Services Caraibe SARL (UTS Caraibe, Guadeloupe Telephone Mobile) / Saint	
34008	340	8	Guadeloupe	Dauphin Telecom SU (Guadeloupe Telecom) (Guadeloupe	
34010	340	10	Guadeloupe	Telcel / United Telecommunications Services Caraibe SARL (UTS Caraibe, Guadeloupe Telephone Mobile)	
34020	340	20	Guadeloupe	Digicel Antilles Francaises Guyane SA / Bouygues Telecom Caraïbe	
310032	310	32	Guam	IT&E OverSeas	
310033	310	33	Guam	Guam Teleph. Auth.	
310140	310	140	Guam	GTA Wireless	
310370	310	370	Guam	Docomo (formerly Guamcell)	
310470	310	470	Guam	Docomo (formerly Guamcell (formerly HafaTEL))	
310480	310	480	Guam	Choice Phone LLC	
311250	311	250	Guam	Wave Runner LLC	
70401	704	1	Guatemala	Claro / SERCOM (Services de Comunicaciones Personales)	
70402	704	2	Guatemala	TIGO / COMCEL	
70403	704	3	Guatemala	Telefonica / Movistar	
61101	611	1	Guinea	Orange/Spacetel	
61102	611	2	Guinea	SotelGui	
61103	611	3	Guinea	Intercel	
61104	611	4	Guinea	Areeba - MTN	
61105	611	5	Guinea	Celcom	
63201	632	1	Guinea-Bissau	GuineTel	
63202	632	2	Guinea-Bissau	SpaceTel	
63203	632	3	Guinea-Bissau	Orange	
63207	632	7	Guinea-Bissau	GuineTel	
73801	738	1	Guyana	DigiCel/ U-Mobile	
73802	738	2	Guyana	GT&T Cellink Plus (Guyana Telephone & Telegraph Co.)	
738002	738	2	Guyana	GT&T Cellink Plus (Guyana Telephone & Telegraph Co.)	
37200	372	0	Haiti	Haitel	
37201	372	1	Haiti	Comcel	
37202	372	2	Haiti	Digicel (Unigestion Holding S.A.)	
37203	372	3	Haiti	National Telecom SA (NatCom)	
37250	372	50	Haiti	Digicel	
708001	708	1	Honduras	SERCOM/CLARO/Megatel	
70802	708	2	Honduras	Telefonica/CELTEL	
708002	708	2	Honduras	Telefonica/CELTEL	
708040	708	40	Honduras	Digicel	
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708030	708	30	Honduras	HonduTel
70830	708	30	Honduras	HonduTel
45400	454	0	Hong Kong	CSL Ltd.
45401	454	1	Hong Kong	Citic Telecom Ltd.
45402	454	2	Hong Kong	CSL Ltd.
45403	454	3	Hong Kong	H3G/Hutchinson
45404	454	4	Hong Kong	H3G/Hutchinson
45405	454	5	Hong Kong	H3G/Hutchinson
45406	454	6	Hong Kong	Vodafone/SmarTone
45407	454	7	Hong Kong	China Unicom Ltd
45408	454	8	Hong Kong	Trident Telecom Ventures Ltd.
45409	454	9	Hong Kong	China Motion
45410	454	10	Hong Kong	CSL/New World PCS Ltd.
45411	454	11	Hong Kong	China-HongKong Telecom Ltd (CHKTL)
45412	454	12	Hong Kong	China Mobile/Peoples
45413	454	13	Hong Kong	China Mobile/Peoples
45414	454	14	Hong Kong	H3G/Hutchinson
45415	454	15	Hong Kong	Vodafone/SmarTone
45416	454	16	Hong Kong	HKT/PCCW
45417	454	17	Hong Kong	Vodafone/SmarTone
45418	454	18	Hong Kong	CSL Ltd.
45419	454	19	Hong Kong	HKT/PCCW
45420	454	20	Hong Kong	HKT/PCCW
45422	454	22	Hong Kong	P Plus
45429	454	29	Hong Kong	HKT/PCCW
45440	454	40	Hong Kong	shared by private TETRA systems
45447	454	47	Hong Kong	shared by private TETRA systems
21601	216	1	Hungary	Pannon/Telenor
21602	216	2	Hungary	MVM NET Ltd.
21620	216	20	Hungary	Pannon/Telenor
21630	216	30	Hungary	T-mobile/Magyar
21670	216	70	Hungary	Vodafone
21671	216	71	Hungary	UPC Magyarorszag Kft.
21699	216	99	Hungary	Mav Co.
27401	274	1	Iceland	Landssiminn
27402	274	2	Iceland	Vodafone/Tal hf (Formerly Islandssimi)

27403	274	3	Iceland	Vodafone/Tal hf (Formerly Islandssimi)
27404	274	4	Iceland	VIKING/IMC
27405	274	5	Iceland	Vodafone/Tal hf (Formerly Islandssimi)
27406	274	6	Iceland	Nuii Niu Ehf
27407	274	7	Iceland	IceCell
27408	274	8	Iceland	Landssiminn
27409	274	9	Iceland	Amiteio
27411	274	11	Iceland	NOVA
27412	274	12	Iceland	Landssiminn
40400	404	0	India	Dishnet Wireless Ltd, Madhya Pradesh
40401	404	1	India	Aircell Digilink India Ltd., Haryana
40402	404	2	India	AirTel (Bharti-Televentures), Punjab
40403	404	3	India	AirTel (Bharti-Televentures), Himachal Pradesh
40404	404	4	India	Idea Cellular Ltd., Delhi
40405	404	5	India	Vodafone (formerly Hutch / Fascel), Gujarat
40406	404	6	India	Bharti Airtel Limited, Karnataka
40407	404	7	India	Idea Cellular Ltd., Andhra Pradesh
40409	404	9	India	Reliance Telecom, Assam
40410	404	10	India	Bharti Airtel Limited, Delhi
40411	404	11	India	Vodafone (formerly Sterling Cellular Ltd.) / Hutchison Essar Mobile Services Ltd, Delhi
40412	404	12	India	Escotel Mobile Communications / Idea Mobile Communications Ltd, Haryana
40413	404	13	India	Barakhamba Sales & Serv. / Hutchison Essar South Ltd., Andhra Pradesh
40414	404	14	India	Idea (Formerly Spice Telecom/Communications PVT Ltd.), Punjab
40415	404	15	India	Aircel Digilink India Ltd., Uttar Predesh East
40416	404	16	India	Hexcom India / Bharti Airtel Ltd, North East
40417	404	17	India	Aircel / Dishnet Wireless Ltd, West Bengal
40418	404	18	India	Reliance Telecom Private, H.P.
40419	404	19	India	Escotel Mobile Communications / Idea Mobile Communications Ltd., Kerala
40420	404	20	India	Vodafone Essar (Ltd) (formerly Hutchison Essar Ltd), Mumbai
40421	404	21	India	Loop/Jio (formerly BPL), Mumbai
40422	404	22	India	Idea Cellular Ltd., Maharashtra
40423	404	23	India	Idea Cellular Ltd., Maharashtra
40424	404	24	India	ldea Cellular Ltd., Gujarat
40425	404	25	India	Aircel / Dishnet Wireless Ltd, Bihar
40427	404	27	India	Vodafone Essar (Hutchison Essar Cellular Ltd.), Maharashtra & Goa
40428	404	28	India	Aircel

2010 MOONING (Hobite country odde and Hobite Helwork code) list. Cartalion capper					
40429	404	29	India	Aircel / Dishnet Wireless Ltd, Assam	
40430	404	30	India	Vodafone (formerly Usha Martin Telecom / Command) / Hutchison Telecom East Ltd, Kolkata	
40431	404	31	India	AirTel (Bharti-Televentures), Kolkata	
40433	404	33	India	Aircel / Dishnet Wireless Ltd, North East	
40434	404	34	India	BSNL, Haryana	
40435	404	35	India	Aircel / Dishnet Wireless Ltd., Himachal Pradesh	
40436	404	36	India	Reliance Telecom Private, Bihar	
40437	404	37	India	Aircel / Dishnet Wireless Ltd, J&K	
40438	404	38	India	BSNL, Assam	
40440	404	40	India	AirTel (Bharti-Televentures), Chennai	
40441	404	41	India	RPG Cellular / Aircell Cellular Ltd, Chennai	
40442	404	42	India	Aircel, Tamil Nadu	
40443	404	43	India	Vodafone Essar / Hutchison Essar Cellular Ltd., Tamil Nadu	
40444	404	44	India	Idea (formerly Spice), Karnataka	
40445	404	45	India	AirTel (Bharti-Televentures), Karnataka	
40446	404	46	India	Vodafone Essar / Hutchison Essar Cellular Ltd., Kerala	
40448	404	48	India	Dishnet Wireless Ltd, Uttar Predesh West	
40449	404	49	India	AirTel (Bharti-Televentures), Andra Pradesh	
40450	404	50	India	Reliance Telecom Private, North East	
40451	404	51	India	BSNL, H.P.	
40452	404	52	India	Reliance Telecom Private, Orissa	
40453	404	53	India	BSNL, Punjab	
40454	404	54	India	BSNL, Uttar Predesh West	
40455	404	55	India	BSNL, Uttar Predesh East	
40456	404	56	India	Escotel Mobile Communications / Idea Mobile Communications Ltd., Uttar Predesh West	
40457	404	57	India	BSNL, Gujarat	
40458	404	58	India	BSNL, Madhya Pradesh	
40459	404	59	India	BSNL, Rajasthan	
40460	404	60	India	Aircel Digilink India, Rajasthan	
40461	404	61	India	Dishnet Wireless Ltd, Punjab	
40462	404	62	India	BSNL, J&K	
40463	404	63	India	Dishnet Wireless Ltd, Haryana	
40464	404	64	India	BSNL, Chennai	
40465	404	65	India	Dishnet Wireless Ltd, Uttar Predesh East	
40466	404	66	India	BSNL, Maharashtra	
40467	404	67	India	Reliance Telecom Private, Madhya Pradesh	

2010 MOONING (Hobite country odde and Hobite Helwork code) list. Cartalion capper					
40468	404	68	India	Mahanagar Telephone Nigam / MTNL, Delhi	
40469	404	69	India	Mahanagar Telephone Nigam / MTNL, Mumbai	
40470	404	70	India	Bharti Hexacom, Rajasthan	
40471	404	71	India	BSNL, Karnataka	
40472	404	72	India	BSNL, Kerala	
40473	404	73	India	BSNL, Andhra Pradesh	
40474	404	74	India	BSNL, West Bengal	
40475	404	75	India	BSNL, Bihar	
40476	404	76	India	BSNL, Orissa	
40477	404	77	India	BSNL, North East	
40478	404	78	India	Idea Cellular Ltd. / BTA Cellcom Ltd., Madhya Pradesh	
40479	404	79	India	CellOne A&N / BSNL, Andaman & Nicobar	
40480	404	80	India	BSNL, Tamil Nadu	
40481	404	81	India	BSNL, Kolkata	
404818	404	818	India	Uninor Uttar Predesh West	
40482	404	82	India	Idea (formerly Escorts Telecom Ltd.), H.P	
40483	404	83	India	Reliable Internet Services, Kolkata	
40484	404	84	India	Vodafone / Hutchison Essar South Ltd., Chennai	
40485	404	85	India	Reliance Telecom Private, W.B. & A.N.	
40486	404	86	India	Barakhamba Sales & Serv. / Hutchison Essar South Ltd., Karnataka	
40487	404	87	India	Idea (formerly Escorts Telecom Ltd.), Rajasthan	
40488	404	88	India	Idea (formerly Escorts Telecom Ltd.) / Hutchison Essar South Ltd, Punjab	
40489	404	89	India	Idea (formerly Escorts Telecom Ltd.), Uttar Predesh East	
40490	404	90	India	AirTel (Bharti-Televentures), Maharashtra & Goa	
40491	404	91	India	Aircel / Dishnet Wireless Ltd, Kolkata	
40492	404	92	India	AirTel (Bharti-Televentures), Mumbai	
404927	404	927	India	Uninor Gujarat	
40493	404	93	India	AirTel (Bharti-Televentures), Madhya Pradesh	
40494	404	94	India	AirTel (Bharti-Televentures), Tamil Nadu	
40495	404	95	India	AirTel (Bharti-Televentures), Kerala	
40496	404	96	India	AirTel (Bharti-Televentures), Haryana	
40497	404	97	India	AirTel (Bharti-Televentures), Uttar Predesh West	
40498	404	98	India	AirTel (Bharti-Televentures), Gujarat	
40499	404	99	India	Dishnet Wireless Ltd, Kerala	
405000	405	0	India	Shyam Telelink Ltd, Rajasthan	
405005	405	5	India	Reliance Communications Ltd/GSM, Delhi	

incoming (modile country code and modile network code) not extradion capport					
405006	405	6	India	Reliance Communications Ltd/GSM, Gujarat	
405007	405	7	India	Reliance Communications Ltd/GSM, Haryana	
405009	405	9	India	Reliance Communications Ltd/GSM, J&K	
405010	405	10	India	Reliance Communications Ltd./GSM Karnataka	
405011	405	11	India	Reliance Communications Ltd/GSM, Kerala	
405012	405	12	India	Reliance Infocomm Ltd, Andhra Pradesh	
405013	405	13	India	Reliance Communications Ltd/GSM, Maharashtra	
405014	405	14	India	Reliance Communications Ltd/GSM, Madhya Pradesh	
405018	405	18	India	Reliance Communications Ltd/GSM, Punjab	
405020	405	20	India	Reliance Communications Ltd/GSM, Tamilnadu	
405021	405	21	India	Reliance Communications Ltd/GSM, Uttar Predesh East	
405022	405	22	India	Reliance Communications Ltd/GSM, Uttar Predesh West	
40501	405	1	India	RELIANCE TELECOM	
405025	405	25	India	Tata DoCoMo, Andhra Pradesh	
405027	405	27	India	Tata DoCoMo, Bihar	
405029	405	29	India	Tata DoCoMo, Delhi	
405030	405	30	India	Tata DoCoMo, Gujarat	
405031	405	31	India	Tata DoCoMo, Haryana	
405032	405	32	India	Tata DoCoMo, Himachal Pradesh	
405033	405	33	India	Reliance Infocomm Ltd, Bihar	
405034	405	34	India	Tata DoCoMo, Karnataka	
405035	405	35	India	Tata DoCoMo, Kerala	
405036	405	36	India	Tata DoCoMo, Kolkata	
405037	405	37	India	Tata DoCoMo, Maharashtra & Goa	
405038	405	38	India	Tata DoCoMo, Madhya Pradesh	
405039	405	39	India	Tata DoCoMo, Mumbai	
405040	405	40	India	Reliance Infocomm Ltd, Chennai	
405041	405	41	India	Tata DoCoMo, Orissa	
405042	405	42	India	Tata DoCoMo, Punjab	
405043	405	43	India	Tata DoCoMo, Rajasthan	
405044	405	44	India	Tata DoCoMo, Tamil Nadu	
405045	405	45	India	Tata DoCoMo, Uttar Pradesh East	
405046	405	46	India	Tata DoCoMo, Uttar Predesh West	
405047	405	47	India	Tata DoCoMo, Ro West Bengal	
40508	405	8	India	Reliance Infocomm Ltd, Himachal Pradesh	
40512	405	12	India	Reliance Infocomm Ltd, Kolkata	

incomité (mone country code una mone network code) not extradior capport					
40509	405	9	India	RELIANCE TELECOM	
40515	405	15	India	Reliance Telecom Private, Mumbai	
40517	405	17	India	Reliance Infocomm Ltd, Orissa	
40519	405	19	India	Reliance Telecom Private	
40523	405	23	India	Reliance Infocomm Ltd, West Bengal	
40524	405	24	India	Ping	
40528	405	28	India	Tata Teleservices Ltd, Chennai	
40551	405	51	India	AirTel (Bharti-Televentures)	
40552	405	52	India	AirTel (Bharti-Televentures), Bihar	
40553	405	53	India	AirTel (Bharti-Televentures), Orissa	
40554	405	54	India	AirTel (Bharti-Televentures), Uttar Predesh East	
40555	405	55	India	AirTel (Bharti-Televentures), J&K	
40556	405	56	India	AirTel (Bharati Mobile), Assam	
40566	405	66	India	Vodafone / Hutchison Essar South Ltd, Uttar Predesh West	
40567	405	67	India	Vodafone / Hutchison Essar South Ltd, Orissa	
40568	405	68	India	Vodafone / Hutchison, Madhya Pradesh	
40570	405	70	India	Idea (Aditya Birla Telecom Ltd), Bihar & Jharkhand	
40571	405	71	India	Essar Spacetel Ltd, Himachal Pradesh	
40572	405	72	India	Essar Spacetel Ltd, North East	
40573	405	73	India	Essar Spacetel Ltd, Assam	
40574	405	74	India	Essar Spacetel Ltd, J&K	
405750	405	750	India	Vodafone Essar Spacetel, J&K	
405751	405	751	India	Vodafone Essar Spacetel, Assam	
405752	405	752	India	Vodafone Essar Spacetel, Bihar	
405753	405	753	India	Vodafone Essar Spacetel, Orissa	
405754	405	754	India	Vodafone Essar Spacetel, Himachal Pradesh	
405755	405	755	India	Vodafone Essar Spacetel Ltd, North East	
405756	405	756	India	Vodafone	
40576	405	76	India	Essar Spacetel Ltd, Orissa	
40577	405	77	India	Essar Spacetel Ltd, Maharashtra	
405799	405	799	India	ldea Mumbai	
405800	405	800	India	Aircel, Delhi	
405801	405	801	India	Aircel, Andhra Pradesh	
405802	405	802	India	Aircel, Gujarat	
405803	405	803	India	Aircel, Kamataka	
405804	405	804	India	Aircel, Maharashtra & Goa	

incomité (mone country code una mone network code) not extradior capport					
405805	405	805	India	Aircel, Mumbai	
405806	405	806	India	Aircel, Rajasthan	
405807	405	807	India	Aircel / Dishnet Wireless, Haryana	
405808	405	808	India	Aircel / Dishnet Wireless, Madhya Pradesh	
405809	405	809	India	Aircel / Dishnet Wireless, Kerala	
40581	405	81	India	Aircell Ltd, Delhi	
40582	405	82	India	Aircell Ltd, Andhra Pradesh	
40583	405	83	India	Aircell Ltd, Gujarat	
40584	405	84	India	Aircell Ltd, Maharashtra	
40585	405	85	India	Aircell Ltd, Mumbai	
40586	405	86	India	Aircell Ltd, Rajasthan	
405810	405	810	India	Aircel, Uttar Predesh East	
405811	405	811	India	Aircel, Uttar Predesh West	
405812	405	812	India	Aircel, Punjab	
405813	405	813	India	Uninor Haryana	
405814	405	814	India	Uninor Himachal Pradesh	
405815	405	815	India	Uninor Jammu & Kashmir	
405816	405	816	India	Uninor Punjab	
405817	405	817	India	Uninor Rajasthan	
405818	405	818	India	Uninor Uttar Pradesh (West)	
405819	405	819	India	Uninor Andhra Pradesh	
405820	405	820	India	Uninor Karnataka	
405821	405	821	India	Uninor Kerala	
405822	405	822	India	Uninor Kolkata	
405823	405	823	India	Videocon Andhra Pradesh	
405824	405	824	India	Videocon Assam	
405825	405	825	India	Videocon Bihar	
405826	405	826	India	Videocon Delhi	
405827	405	827	India	Videocon Gujarat	
405828	405	828	India	Videocon Haryana	
405829	405	829	India	Videocon Himachal Pradesh	
405830	405	830	India	Videcon Jammu & Kashmir	
405831	405	831	India	Videocon Karnataka	
405832	405	832	India	Videocon Kerala	
405833	405	833	India	Videocon Kolkata	
405834	405	834	India	Videocon Madhya Pradesh	

incomité (mone country code una mone network code) not extradior capport					
405835	405	835	India	Videocon Maharashtra	
405836	405	836	India	Videocon Mumbai	
405837	405	837	India	Videocon North East	
405838	405	838	India	Videocon Orissa	
405839	405	839	India	Videocon Rajasthan	
405840	405	840	India	Videocon Tamil Nadu	
405841	405	841	India	Videocon Uttar Predesh East	
405842	405	842	India	Videocon Uttar Predesh West	
405843	405	843	India	Videocon West Bengal	
405844	405	844	India	Uninor Delhi	
405845	405	845	India	Idea Assam	
405846	405	846	India	Idea Jammu & Kashmir	
405847	405	847	India	ldea Karnataja	
405848	405	848	India	ldea Kolkata	
405849	405	849	India	Idea North East	
405850	405	850	India	Idea Orissa	
405851	405	851	India	Idea Punjab	
405852	405	852	India	Idea Tamil & Chennai	
405853	405	853	India	Idea West Bengal	
405854	405	854	India	Loop/Jio	
405855	405	855	India	Loop/Jio	
405856	405	856	India	Loop/Jio	
405857	405	857	India	Loop/Jio	
405858	405	858	India	Loop/Jio	
405859	405	859	India	Loop/Jio	
405860	405	860	India	Loop/Jio	
405861	405	861	India	Loop/Jio	
405862	405	862	India	Loop/Jio	
405863	405	863	India	Loop/Jio	
405864	405	864	India	Loop/Jio	
405865	405	865	India	Loop/Jio	
405866	405	866	India	Loop/Jio	
405867	405	867	India	Loop/Jio	
405868	405	868	India	Loop/Jio	
405869	405	869	India	Loop/Jio	
405870	405	870	India	Loop/Jio	

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405871	405	871	India	Loop/Jio
405872	405	872	India	Loop/Jio
405873	405	873	India	Loop/Jio
405874	405	874	India	Loop/Jio
405875	405	875	India	Uninor Assam
405876	405	876	India	Uninor Bihar
405877	405	877	India	Uninor North East
405878	405	878	India	Uninor Orissa
405879	405	879	India	Uninor Uttar Predesh East
405880	405	880	India	Uninor West bengal
405881	405	881	India	S Tel
405882	405	882	India	S Tel
405883	405	883	India	S Tel
405884	405	884	India	S Tel
405885	405	885	India	S Tel
405886	405	886	India	S Tel
405887	405	887	India	MTS Andhra Pradesh
405888	405	888	India	MTS Assam
405889	405	889	India	MTS Bihar
405890	405	890	India	MTS Delhi
405891	405	891	India	MTS Gujarat
405892	405	892	India	MTS Haryana
405893	405	893	India	MTS Himachal Pradesh
405894	405	894	India	MTS Jammu & Kashmir
405895	405	895	India	MTS Karnataka
405896	405	896	India	MTS Kerala
405897	405	897	India	MTS Kolkata
405898	405	898	India	MTS Madhya Pradesh
405899	405	899	India	MTS Maharashtra
405900	405	900	India	MTS Mumbai
405901	405	901	India	MTS North East
405902	405	902	India	MTS Orissa
405903	405	903	India	MTS Punjab
405904	405	904	India	MTS Tamil Nadu
405905	405	905	India	MTS Uttar Predesh East
405906	405	906	India	MTS Uttar Predesh West

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405907	405	907	India	MTS West Bengal	
405908	405	908	India	Spice Andhra Pradesh	
405909	405	909	India	Spice Delhi	
405910	405	910	India	Spice Haryana	
405911	405	911	India	Spice Maharashtra	
405912	405	912	India	Etisalat DB - Cheers Andhra Pradesh	
405913	405	913	India	Etisalat DB - Cheers Delhi	
405914	405	914	India	Etisalat DB - Cheers Gujarat	
405915	405	915	India	Etisalat DB - Cheers Haryana	
405916	405	916	India	Etisalat DB - Cheers Karnataka	
405917	405	917	India	Etisalat DB - Cheers Kerala	
405918	405	918	India	Etisalat DB - Cheers Maharashtra	
405919	405	919	India	Etisalat DB - Cheers Mumbai	
405920	405	920	India	Etisalat DB - Cheers Punjab	
405921	405	921	India	Etisalat DB - Cheers Rajasthan	
405922	405	922	India	Etisalat DB - Cheers Tamil Nadu	
405923	405	923	India	Etisalat DB - Cheers Uttar Predesh East	
405924	405	924	India	Etisalat DB - Cheers Uttar Predesh West	
405925	405	925	India	Uninor	
405926	405	926	India	Uninor Mumbai	
405927	405	927	India	Uninor	
405928	405	928	India	Uninor Madhya Pradesh	
405929	405	929	India	Uninor Maharashtra	
405930	405	930	India	Etisalat DB - Cheers Bihar	
405931	405	931	India	Etisalat DB - Cheers Madhya Pradesh	
51000	510	0	Indonesia	PT Pasifik Satelit Nusantara (PSN)	
51001	510	1	Indonesia	Indosat/Satelindo/M3	
51003	510	3	Indonesia	PT Pasifik Satelit Nusantara (PSN)	
51007	510	7	Indonesia	PT Telkom	
51008	510	8	Indonesia	Axis/Natrindo (Lippo Telecom)	
51009	510	9	Indonesia	PT Smartfren Telecom, Tbk (formerly PT Mobile-8 Telecom Tbk (Mobile-8) and PT Smart Telecom (Smart))	
51010	510	10	Indonesia	Telkomsel	
51011	510	11	Indonesia	PT. Excelcom	
51020	510	20	Indonesia	Telkomsel / TELKOMMobile	
51021	510	21	Indonesia	Indosat/Satelindo/M3	
51027	510	27	Indonesia	PT Sampoerna Telekomunikasi Indonesia (STI)	_
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	1/2019	incomine (mobile country code and mobile network code) list – ixtradion Support					
Stock Stoc	51028	510	28	Indonesia	PT Smartfren Telecom, Tbk (formerly PT Mobile-8 Telecom Tbk (Mobile-8) and PT Smart Telecom (Smart))		
	51089	510	89	Indonesia	нз ср		
	51099	510	99	Indonesia	Esia		
	90101	901	1	International	ICO Global Communications		
90100	90103	901	3	International	Iridium Communications Inc		
	90105	901	5	International	Thuraya Satellite RMSS Network		
	90106	901	6	International	Thuraya Satellite Telecommunications Company		
	90110	901	10	International	Asia Cellular Satellite (AceS)		
	90111	901	11	International	InMarSAT		
	90112	901	12	International	Maritime Communications Partner AS (MCP network)		
	90113	901	13	International	BebbiCell AG (Formerly Global Networks Switzerland AG) / Antarctica		
	90114	901	14	International	Telenor / AeroMobile		
	90115	901	15	International	OnAir N.V. (Formerly SITA on behalf of Onair)		
	90116	901	16	International	Jasper Wireless, Inc		
	90117	901	17	International	Jersey Telecom		
9012 901 20	90118	901	18	International	Cingular Wireless / AWS Bermuda (Maritime Roaming)		
90121 901 21 International Wins Limited (Formerly Seanet Maritime Communications) 90122 901 22 International Medial.inc Ltd 90124 901 24 International Voatone SA 90126 901 26 International Telecom Italia 90127 901 27 International OnAir NV (Formerly SITA on behalf of Onar) 90128 901 28 International Telecom Connexion AB 90129 901 29 International France Telecom Orange 90131 901 31 International France Telecom Orange 90132 901 32 International Smart Communications , Inc 90133 901 33 International Tyrice Gribble 90135 901 35 International Tyrice Gribble 90136 901 36 International Azerfon LLC 90137 901 37 International Transattel 90138 901 38 International Transattel 90139 901 39 International Multiregional TransitTelecom (MTT) 90139 901 39 International Multiregional TransitTelecom (MTT) 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands BV	90119	901	19	International	Vodafone Malta (Vodafone Group)		
90122 901 22 International MediaLince Ltd 90124 901 24 International Voxbone SA 90126 901 26 International Telecom Italia 90127 901 27 International ConAir NV Formerly STA on behalf of Onar) 90128 901 28 International Votafone Group 90129 901 29 International Telenor Connection AB 90131 901 31 International France Telecom Orange 90132 901 32 International MegaPon 90133 901 33 International Smart Communications , Inc 90134 901 34 International Tyntec GmbH 90135 901 35 International Globecomm Network Services 90136 901 36 International Azerfon LLC 90137 901 37 International Multiregional Transification Mitty Connect 90138 901 38 International Multiregional Transification Mitty Connect 90140 901 40 International Deutsche Telekom AG 90141 9014 41 International BodyTrace Netherlands BV.	90120	901	20	International	Intermatica		
90124 901 24	90121	901	21	International	Wins Limited (Formerly Seanet Maritime Communications)		
90126 901 26	90122	901	22	International	MediaLincc Ltd		
90127 901 27	90124	901	24	International	Voxbone SA		
90128 901 28	90126	901	26	International	Telecom Italia		
90129 901 29	90127	901	27	International	OnAir N.V. (Formerly SITA on behalf of Onair)		
90131 901 31	90128	901	28	International	Vodafone Group		
90132 901 32 International MegaFon 90133 901 33 International Smart Communications , Inc 90134 901 34 International Tyntec GmbH 90135 901 35 International Globecomm Network Services 90136 901 36 International Azerfon LLC 90137 901 37 International TRANSATEL 90138 901 38 International Multiregional TransitTelecom (MTT) 90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90129	901	29	International	Telenor Connexion AB		
90133 901 33 International Smart Communications , Inc 90134 901 34 International Tyntec GmbH 90135 901 35 International Globecomm Network Services 90136 901 36 International Azerfon LLC 90137 901 37 International TRANSATEL 90138 901 38 International Multiregional TransitTelecom (MTT) 90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90131	901	31	International	France Telecom Orange		
90134 901 34	90132	901	32	International	MegaFon		
90135 901 35	90133	901	33	International	Smart Communications , Inc		
90136 901 36 International Azerfon LLC 90137 901 37 International TRANSATEL 90138 901 38 International Multiregional TransitTelecom (MTT) 90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90134	901	34	International	Tyntec GmbH		
90137 901 37 International TRANSATEL 90138 901 38 International Multiregional TransitTelecom (MTT) 90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90135	901	35	International	Globecomm Network Services		
90138 901 38 International Multiregional TransitTelecom (MTT) 90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90136	901	36	International	Azerfon LLC		
90139 901 39 International MTX Connect 90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90137	901	37	International	TRANSATEL		
90140 901 40 International Deutsche Telekom AG 90141 901 41 International BodyTrace Netherlands B.V.	90138	901	38	International	Multiregional TransitTelecom (MTT)		
90141 901 41 International BodyTrace Netherlands B.V.	90139	901	39	International	MTX Connect		
	90140	901	40	International	Deutsche Telekom AG		
	90141	901	41	International			

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90142	901	42	International	DCN Hub ehf		
90188	901	88	International	UN Office for the Coordination of Humanitarian Affairs (OCHA)		
43211	432	11	Iran	TCI/MCI		
43214	432	14	Iran	TKC/KFZO		
43219	432	19	Iran	Mobile Telecommunications Company of Esfahan JV-PJS (MTCE)		
43220	432	20	Iran	Righttel		
43232	432	32	Iran	Taliya / Rafsanjan Industrial Complex		
43235	432	35	Iran	MTN/IranCell		
43270	432	70	Iran	мтсе		
41805	418	5	Iraq	Asia Cell		
41808	418	8	Iraq	Sanatel		
41820	418	20	Iraq	ZAIN (formerly Atheer)		
41830	418	30	Iraq	Zain (formerly Orascom Telecom)		
41840	418	40	Iraq	Korek		
41845	418	45	Iraq	Mobitel (Iraq-Kurdistan) and Moutiny		
41847	418	47	Iraq	Iraq Central Cooperative Association for Communication and Transportation		
41848	418	48	Iraq	ITC Fanoos		
41849	418	49	Iraq	Iraqtel		
41862	418	62	Iraq	Itisaluna		
41870	418	70	Iraq	Kalimat		
41880	418	80	Iraq	Iraqi Telecommunications & Post Company (ITPC)		
41881	418	81	Iraq	ITPC (Al-Mazaya)		
41882	418	82	Iraq	Korek		
41883	418	83	Iraq	ITPC (Sader Al-Iraq)		
41884	418	84	Iraq	ITPC (Eaamar Albasrah)		
41885	418	85	Iraq	ITPC (Anwar Yagotat Alkhalee)		
41886	418	86	Iraq	ITPC (Furatfone)		
41887	418	87	Iraq	ITPC (Al-Seraj)		
41888	418	88	Iraq	ITPC (High Link)		
41889	418	89	Iraq	ITPC (AI-Shams)		
41891	418	91	Iraq	ITPC (Belad Babel)		
41892	418	92	Iraq	Itisaluna and Kalemat / ITPC (AI Nakheel)		
41893	418	93	Iraq	ITPC (Iraqcell)		
41894	418	94	Iraq	ITPC (Shaly)		
27201	272	1	Ireland	Vodafone Eircell		
27202	272	2	Ireland	O2/Digifone		

woodilite (mobile country odde and mobile network code) list. Cartalion cappert				
27203	272	3	Ireland	Meteor Mobile Ltd.
27204	272	4	Ireland	Access Telecom Ltd.
27205	272	5	Ireland	нзс
27207	272	7	Ireland	Emobile (Eircom Ltd /Meteor)
27209	272	9	Ireland	Clever Communications Ltd
27211	272	11	Ireland	Tesco Mobile / Liffey Telecom
27213	272	13	Ireland	Lycamobile (MVNO of O2)
42501	425	1	Israel	Orange/Partner Co. Ltd.
42502	425	2	Israel	Cellcom ltd.
42503	425	3	Israel	Pelephone
42504	425	4	Israel	Globalsim Ltd
42506	425	6	Israel	Wataniya
42507	425	7	Israel	Hot Mobile/Mirs
42508	425	8	Israel	Golan Telekom
42511	425	11	Israel	365 Telecom (MVNO)
42512	425	12	Israel	Orange
42513	425	13	Israel	Ituran Cellular Communications
42514	425	14	Israel	Alon Cellular Ltd (MVNO under Orange)
42515	425	15	Israel	Home Cellular Ltd (MVNO under Cellcom)
42516	425	16	Israel	Rami Levy Hashikma Marketing Communications Ltd
42517	425	17	Israel	Gale Phone (MVNO)
42518	425	18	Israel	Cellact Communications Ltd (MVNO)
42519	425	19	Israel	Azi Communications Ltd
42520	425	20	Israel	Bezeq Ltd
42521	425	21	Israel	B.I.P Communications Ltd.
42523	425	23	Israel	Beezz Communication Solutions Ltd.
42524	425	24	Israel	012 Telecom Ltd.
42525	425	25	Israel	IMOD
42577	425	77	Israel	Hot Mobile/Mirs
22201	222	1	Italy	TIM (Telecom Italia)
22202	222	2	Italy	Elsacom
22204	222	4	Italy	Intermatica
22205	222	5	Italy	Telespazio
22206	222	6	Italy	Vodafone
22207	222	7	Italy	Noverca Italia Srl
22210	222	10	Italy	Vodafone

woodilite (mobile country code and mobile network code) list. Extradion capport					
22230	222	30	Italy	RFI Rete Ferroviaria Italiana SpA	
22233	222	33	Italy	Hi3G	
22234	222	34	Italy	BT Italia SpA	
22235	222	35	Italy	Lycamobile Srl (MVNO under Vodafone)	
22243	222	43	Italy	Telecom Italia Mobile SpA	
22244	222	44	Italy	WIND (Blu) -	
22248	222	48	Italy	Telecom Italia Mobile SpA	
22277	222	77	Italy	IPSE 2000	
22288	222	88	Italy	WIND	
22298	222	98	Italy	Blu	
22299	222	99	Italy	Hi3G	
61202	612	2	Ivory Coast	Atlantik Tel/Moov (Etisalat)	
61203	612	3	Ivory Coast	Orange	
61204	612	4	Ivory Coast	Comium	
61205	612	5	Ivory Coast	MTN	
61206	612	6	Ivory Coast	OriCell	
61207	612	7	Ivory Coast	Aircomm SA	
61201	612	1	Ivory Coast	Comstar	
338020	338	20	Jamaica	LIME / Cable & Wireless	
338050	338	50	Jamaica	DIGICEL/Mossel	
338070	338	70	Jamaica	Claro / Oceanic Digital Jamaica Limited	
338110	338	110	Jamaica	LIME / Cable & Wireless	
338180	338	180	Jamaica	LIME / Cable & Wireless	
44000	440	0	Japan	eMobile	
44001	440	1	Japan	NTT Docomo	
44002	440	2	Japan	NTT Docomo Kansai	
44003	440	3	Japan	NTT Docomo Hokuriku	
44004	440	4	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44006	440	6	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44007	440	7	Japan	KDDI Corporation	
44008	440	8	Japan	KDDI Corporation	
44009	440	9	Japan	NTT Docomo Kansai	
44010	440	10	Japan	NTT Docomo Kansai	
44011	440	11	Japan	NTT Docomo Tokai	
44012	440	12	Japan	NTT Docomo	
44013	440	13	Japan	NTT Docomo	

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44014	440	14	Japan	NTT Docomo Tohoku	
44015	440	15	Japan	NTT Docomo	
44016	440	16	Japan	NTT Docomo	
44017	440	17	Japan	NTT Docomo	
44018	440	18	Japan	NTT Docomo Tokai	
44019	440	19	Japan	NTT Docomo Hokkaido	
44020	440	20	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.) / NTT Docomo Hokruiku	
44021	440	21	Japan	NTT Docomo	
44022	440	22	Japan	NTT Docomo Kansai	
44023	440	23	Japan	NTT Docomo Tokai	
44024	440	24	Japan	NTT Docomo Chugoku	
44025	440	25	Japan	NTT Docomo Hokkaido	
44026	440	26	Japan	NTT Docomo Kyushu	
44027	440	27	Japan	NTT Docomo Tohoku	
44028	440	28	Japan	NTT Docomo Shikoku	
44029	440	29	Japan	NTT Docomo	
44030	440	30	Japan	NTT Docomo	
44031	440	31	Japan	NTT Docomo Kansai	
44032	440	32	Japan	NTT Docomo	
44033	440	33	Japan	NTT Docomo Tokai	
44034	440	34	Japan	NTT Docomo Kyushu	
44035	440	35	Japan	NTT Docomo Kansai	
44036	440	36	Japan	NTT Docomo	
44037	440	37	Japan	NTT Docomo	
44038	440	38	Japan	NTT Docomo	
44039	440	39	Japan	NTT Docomo	
44040	440	40	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44041	440	41	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44042	440	42	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44043	440	43	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44044	440	44	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44045	440	45	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44046	440	46	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44047	440	47	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44048	440	48	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)	
44049	440	49	Japan	NTT Docomo	

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44050	440	50	Japan	KDDI Corporation
44051	440	51	Japan	KDDI Corporation
44052	440	52	Japan	KDDI Corporation
44053	440	53	Japan	KDDI Corporation
44054	440	54	Japan	KDDI Corporation
44055	440	55	Japan	KDDI Corporation
44056	440	56	Japan	KDDI Corporation
44058	440	58	Japan	NTT Docomo Kansai
44060	440	60	Japan	NTT Docomo Kansai
44061	440	61	Japan	NTT Docomo Chugoku
44062	440	62	Japan	NTT Docomo Kyushu
44063	440	63	Japan	NTT Docomo
44064	440	64	Japan	NTT Docomo
44065	440	65	Japan	NTT Docomo Shikoku
44066	440	66	Japan	NTT Docomo
44067	440	67	Japan	NTT Docomo Tohoku
44068	440	68	Japan	NTT Docomo Kyushu
44069	440	69	Japan	NTT Docomo
44070	440	70	Japan	KDDI Corporation
44071	440	71	Japan	KDDI Corporation
44072	440	72	Japan	KDDI Corporation
44073	440	73	Japan	KDDI Corporation
44074	440	74	Japan	KDDI Corporation
44075	440	75	Japan	KDDI Corporation
44076	440	76	Japan	KDDI Corporation
44077	440	77	Japan	KDDI Corporation
44078	440	78	Japan	Okinawa Cellular Telephone
44079	440	79	Japan	KDDI Corporation
44080	440	80	Japan	TU-KA Cellular Tokyo Inc.
44081	440	81	Japan	TU-KA Cellular Tokyo Inc.
44082	440	82	Japan	TU-KA Phone Kansai Inc.
44083	440	83	Japan	TU-KA Cellular Tokai Inc.
44084	440	84	Japan	TU-KA Phone Kansai Inc.
44085	440	85	Japan	TU-KA Cellular Tokai Inc.
44086	440	86	Japan	TU-KA Cellular Tokyo Inc.
44087	440	87	Japan	NTT Docomo

wednite (mobile country odde and mobile network code) list. Extradion capport				
44088	440	88	Japan	KDDI Corporation
44089	440	89	Japan	KDDI Corporation
44090	440	90	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44092	440	92	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44093	440	93	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44094	440	94	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44095	440	95	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44096	440	96	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44097	440	97	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44098	440	98	Japan	SoftBank Mobile Corp (Formerly Vodafone K. K.)
44099	440	99	Japan	NTT Docomo
44140	441	40	Japan	NTT Docomo
44141	441	41	Japan	NTT Docomo
44142	441	42	Japan	NTT Docomo
44143	441	43	Japan	NTT Docomo Kansai
44144	441	44	Japan	NTT Docomo Chugoku
44145	441	45	Japan	NTT Docomo Shikoku
44150	441	50	Japan	TU-KA Cellular Tokyo Inc.
44151	441	51	Japan	TU-KA Phone Kansai Inc.
44161	441	61	Japan	SoftBank Mobile Corp
44162	441	62	Japan	SoftBank Mobile Corp
44163	441	63	Japan	SoftBank Mobile Corp
44164	441	64	Japan	SoftBank Mobile Corp
44165	441	65	Japan	SoftBank Mobile Corp
44170	441	70	Japan	KDDI Corporation
44190	441	90	Japan	NTT Docomo
44191	441	91	Japan	NTT Docomo
44192	441	92	Japan	NTT Docomo
44193	441	93	Japan	NTT Docomo Hokkaido
44194	441	94	Japan	NTT Docomo Tohoku
44198	441	98	Japan	NTT Docomo Kyushu
44199	441	99	Japan	NTT Docomo Kyushu
41601	416	1	Jordan	ZAIN /J.M.T.S (formerly Fastlink)
41602	416	2	Jordan	Xpress
41603	416	3	Jordan	Umniah Mobile Co.
41677	416	77	Jordan	Orange/Petra (MobileCom)

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40101	401	1	Kazakhstan	Beeline/KaR-Tel LLP
40102	401	2	Kazakhstan	K-Cell / GSM Kazakstan
40107	401	7	Kazakhstan	Dalacom/Altel
40108	401	8	Kazakhstan	Kazakhtelecom
40177	401	77	Kazakhstan	NEO/MTS
63902	639	2	Kenya	Safaricom Ltd.
63903	639	3	Kenya	Airtel / Zain / Celtel Ltd.
63905	639	5	Kenya	Yu / Econet Wireless / Essar
63907	639	7	Kenya	Orange
54501	545	1	Kiribati	Kiribati TSKL / Telecom Services Kiribati Ltd
54509	545	9	Kiribati	Kiribati Frigate Net / Telecom Services Kiribati Ltd
46705	467	5	Korea N., Dem. People's Rep.	Koryolink
467193	467	193	Korea N., Dem. People's Rep.	Sun Net
45002	450	2	Korea S, Republic of	KT Freetel Co. Ltd.
45003	450	3	Korea S, Republic of	SK Telecom
45004	450	4	Korea S, Republic of	KT Freetel Co. Ltd.
45005	450	5	Korea S, Republic of	SK Telecom Co. Ltd
45006	450	6	Korea S, Republic of	LG Telecom
45008	450	8	Korea S, Republic of	KT Freetel Co. Ltd.
45011	450	11	Korea S, Republic of	SK Telecom
41902	419	2	Kuwait	Zain / MTC
41903	419	3	Kuwait	Wantaniya / National Mobile Telecommunications
41904	419	4	Kuwait	Viva / Kuwait Telecommunication Company
43701	437	1	Kyrgyzstan	Beeline/Bitel
43703	437	3	Kyrgyzstan	AkTel LLC
43705	437	5	Kyrgyzstan	MEGACOM
43709	437	9	Kyrgyzstan	O!/NUR Telecom
45701	457	1	Laos P.D.R.	Lao Tel
45702	457	2	Laos P.D.R.	ETL Mobile
45703	457	3	Laos P.D.R.	UNITEL/LAT
45708	457	8	Laos P.D.R.	Tigo/Millicom
24701	247	1	Latvia	Latvian Mobile Phone
24702	247	2	Latvia	Tele2
24703	247	3	Latvia	TRIATEL/Telekom Baltija
24704	247	4	Latvia	Beta Telecom
24705	247	5	Latvia	Bite Latvija

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24706	247	6	Latvia	SIA Rigatta	
24707	247	7	Latvia	SIA Master Telecom / Bite / MTS	
24708	247	8	Latvia	SIA IZZI	
24709	247	9	Latvia	SIA Camel Mobile	
41501	415	1	Lebanon	MIC1 (Alfa)	
41503	415	3	Lebanon	MTC / MIC2 / LibanCell	
41505	415	5	Lebanon	Ogero Telecom	
41532	415	32	Lebanon	Cellis	
41533	415	33	Lebanon	Cellis	
41534	415	34	Lebanon	FTML Cellis	
41535	415	35	Lebanon	Cellis	
41536	415	36	Lebanon	MIC2/LibanCell	
41537	415	37	Lebanon	MIC2/LibanCell	
41538	415	38	Lebanon	MIC2/LibanCell	
41539	415	39	Lebanon	MIC2/LibanCell	
65101	651	1	Lesotho	Vodacom Lesotho	
65102	651	2	Lesotho	Econet/Ezi-cel	
61801	618	1	Liberia	Lonestar	
61802	618	2	Liberia	Libercell	
61803	618	3	Liberia	Celcom	
61804	618	4	Liberia	Comlum BVI	
61807	618	7	Liberia	Celcom	
61820	618	20	Liberia	LibTelco	
60600	606	0	Libya	Libyana	
60601	606	1	Libya	Al-Madar	
60602	606	2	Libya	Al-Madar	
60603	606	3	Libya	Libyana	
60606	606	6	Libya	Hatef	
29501	295	1	Liechtenstein	Swisscom FL AG	
29502	295	2	Liechtenstein	Orange	
29505	295	5	Liechtenstein	Mobilkom AG	
29506	295	6	Liechtenstein	CUBIC (Liechtenstein	
29507	295	7	Liechtenstein	First Mobile AG	
29577	295	77	Liechtenstein	Alpmobile/Tele2	
24601	246	1	Lithuania	Omnitel	
24602	246	2	Lithuania	Bite	

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24603	246	3	Lithuania	Tele2
27001	270	1	Luxembourg	P+T LUXGSM
27002	270	2	Luxembourg	MTX Connect S.à r.l.
27010	270	10	Luxembourg	Blue Communications
27077	270	77	Luxembourg	Millicom Tango GSM
27078	270	78	Luxembourg	IDM
27099	270	99	Luxembourg	Orange (formerly VOXmobile S.A.)
45500	455	0	Macao, China	Smartone Mobile
45501	455	1	Macao, China	C.T.M. TELEMOVEL+
45502	455	2	Macao, China	China Telecom
45503	455	3	Macao, China	Hutchison Telephone (Macau) Company Ltd
45504	455	4	Macao, China	C.T.M. TELEMOVEL+
45505	455	5	Macao, China	Hutchison Telephone (Macau) Company Ltd
45506	455	6	Macao, China	Smartone Mobile
29401	294	1	Macedonia	T-Mobile/Mobimak
29402	294	2	Macedonia	One / MTS/Cosmofone
29403	294	3	Macedonia	VIP Mobile
29475	294	75	Macedonia	One MTS/Cosmofone
64601	646	1	Madagascar	Airtel (Formerly Zain / Celtel / MADACOM)
64602	646	2	Madagascar	Orange/Soci
64603	646	3	Madagascar	Sacel
64604	646	4	Madagascar	Telma
65001	650	1	Malawi	Tele Networks Malawi/Telekom Network Ltd.
65010	650	10	Malawi	Zain/Celtel ltd.
50201	502	1	Malaysia	Art900
50210	502	10	Malaysia	Digi Telecommunications
50211	502	11	Malaysia	MTX Utara
50212	502	12	Malaysia	Maxis
50213	502	13	Malaysia	CelCom
50214	502	14	Malaysia	Telekom Malaysia Berhad
502150	502	150	Malaysia	Tune Talk (MVNO under Celcom)
502151	502	151	Malaysia	Baraka Telecom Sdn Bhd (MVNO under Maxis)
502152	502	152	Malaysia	YES
502153	502	153	Malaysia	Packet One Networks (Malaysia) Sdn Bhd
502154	502	154	Malaysia	Talk Focus Sdn Bhd
502155	502	155	Malaysia	Samata Communications Sdn Bhd

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50216	502	16	Malaysia	Digi Telecommunications	
50217	502	17	Malaysia	Maxis	
50218	502	18	Malaysia	U Mobile	
50219	502	19	Malaysia	CelCom	
50220	502	20	Malaysia	Electcoms Wireless Sdn Bhd	
47201	472	1	Maldives	Dhiraagu/C&W	
47202	472	2	Maldives	Wataniya/WMOBILE	
61001	610	1	Mali	Malitel	
61002	610	2	Mali	Orange/IKATEL	
27801	278	1	Malta	Vodafone	
27821	278	21	Malta	GO/Mobisle	
27830	278	30	Malta	GO Mobile	
27877	278	77	Malta	Melita	
55101	551	1	Marshall Islands	Marshall Islands National Telecommunications Authority (MINTA)	
34001	340	1	Martinique (French Department of)	Orange Caribe Mobiles	
34002	340	2	Martinique (French Department of)	Outremer Telecom Martinique (AKA Only)	
34012	340	12	Martinique (French Department of)	Telcel / United Telecommunications Services Caraibe SARL (UTS Caraibe, Martinique Telephone Mobile)	
34020	340	20	Martinique (French Department of)	DIGICEL Antilles Française Guyane SA / Bouygues Telecom Caraïbe	
60901	609	1	Mauritania	Mattel	
60902	609	2	Mauritania	Chinguitel SA	
60910	609	10	Mauritania	Mauritel	
61701	617	1	Mauritius	Orange/Cellplus	
61702	617	2	Mauritius	Mahanagar Telephone	
61703	617	3	Mauritius	Mahanagar Telephone	
61710	617	10	Mauritius	Emtel Ltd	
33400	334	0	Mexico	Axtel	
33400	334	0	Mexico	SAIPCS	
334001	334	1	Mexico	COMUNICACIONES DIGITALES DEL NORTE, S.A. DE C.V	
33401	334	1	Mexico	NEXTEL (Nii Holdings)	
334010	334	10	Mexico	NEXTEL (Nii Holdings)	
33402	334	2	Mexico	TelCel/America Movil	
334020	334	20	Mexico	TelCel/America Movil	
33403	334	3	Mexico	Movistar/Pegaso	
334030	334	30	Mexico	Movistar - Telefonica Moviles (formerly Pegaso)	
33404	334	4	Mexico	IUSACell/UneFon	
334040	334	40	Mexico	IUSACell/UneFon	

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334050	334	50	Mexico	IUSACell/UneFon	
334060	334	60	Mexico	SAI PCS	
344066	344	66	Mexico	TELÉFONOS DE MÉXICO, S.A.B. DE C.V	
334070	334	70	Mexico	Operadora Unefon SA de CV	
334080	334	80	Mexico	Operadora Unefon SA de CV	
334090	334	90	Mexico	NEXTEL (Nii Holdings)	
33450	334	50	Mexico	IUSACell/UneFon	
55001	550	1	Micronesia	FSM Telecom	
25901	259	1	Moldova	Orange/Voxtel	
25902	259	2	Moldova	Moldcell	
25903	259	3	Moldova	IDC/Unite	
25904	259	4	Moldova	Eventis Mobile	
25905	259	5	Moldova	IDC/Unite	
25999	259	99	Moldova	IDC/Unite	
21201	212	1	Kosovo	Vala / Dardafone LLC (Post and Telecommunications of Kosovo JSC (PTK))	
21201	212	1	Monaco	Monaco Telecom	
21210	212	10	Monaco	Monaco Telecom	
42800	428	0	Mongolia	Skytel Co. Ltd	
42888	428	88	Mongolia	Unitel	
42891	428	91	Mongolia	Skytel Co. Ltd	
42898	428	98	Mongolia	G-Mobile Corporation Ltd	
42899	428	99	Mongolia	Mobicom	
29701	297	1	Montenegro	Telenor (formerly Promonte GSM)	
29702	297	2	Montenegro	Monet/T-mobile	
29703	297	3	Montenegro	Mtel	
29704	297	4	Montenegro	T-Mobile Montenegro LLC	
354860	354	860	Montserrat	Cable & Wireless	
60400	604	0	Morocco	Medi Telecom	
60401	604	1	Morocco	IAM / Itissallat / Maroc Telecom	
60402	604	2	Morocco	WANA	
60405	604	5	Morocco	INWI / Wana	
64301	643	1	Mozambique	mCel (Mocambique Celular)	
64303	643	3	Mozambique	Movitel	
64304	643	4	Mozambique	Vodacom Sarl	
64901	649	1	Namibia	MTC	
64902	649	2	Namibia	Switch/Nam. Telec.	

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64903	649	3	Namibia	TN Mobile (Telecom Namibia)(formerly Leo / Orascom /Cell One / Powercom)		
53601	536	1	Nauru	Digicell		
53602	536	2	Nauru	Digicell		
42901	429	1	Nepal	NT Mobile / Namaste / Nepal Mobile		
42902	429	2	Nepal	Ncell		
42903	429	3	Nepal	Sky / C-Phone / Nepal Telecom		
42904	429	4	Nepal	Smart Cell		
20401	204	1	Netherlands	Scarlet / RadioAccess Network Services B.V.		
20402	204	2	Netherlands	Tele2		
20403	204	3	Netherlands	Voiceworks Mobile BV		
20404	204	4	Netherlands	Vodafone Libertel		
20405	204	5	Netherlands	Elephant Talk Communications Premium Rate Services Netherlands BV		
20406	204	6	Netherlands	Mundio/Vectone Mobile (AKA Barablu)		
20407	204	7	Netherlands	Teleena Holding BV		
20408	204	8	Netherlands	KPN Telecom B.V.		
20409	204	9	Netherlands	Lycamobile Ltd		
20410	204	10	Netherlands	KPN Telecom B.V.		
20412	204	12	Netherlands	KPN/Telfort		
20413	204	13	Netherlands	Unica Installatietechniek B.V.		
20414	204	14	Netherlands	6GMOBILE BV		
20415	204	15	Netherlands	Ziggo BV		
20416	204	16	Netherlands	T-Mobile B.V.		
20417	204	17	Netherlands	Intercity Mobile Communications BV		
20418	204	18	Netherlands	UPC Nederland BV		
20419	204	19	Netherlands	Mixe Communication Solutions BV		
20420	204	20	Netherlands	Orange/T-mobile		
20421	204	21	Netherlands	NS Railinfrabeheer B.V.		
20422	204	22	Netherlands	Ministerie van Defensie		
20423	204	23	Netherlands	Aspider Solutions		
20424	204	24	Netherlands	Private Mobility Nederland BV		
20425	204	25	Netherlands	CAPX B.V. / Private Mobile		
20426	204	26	Netherlands	SpeakUp B.V.		
20427	204	27	Netherlands	Breezz Nederland		
20428	204	28	Netherlands	Lancelot BV		
20429	204	29	Netherlands	Teleware / Private Mobile Ltd		
20460	204	60	Netherlands	Nextgen Mobile Ltd		

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20461	204	61	Netherlands	BodyTrace Netherlands B.V.
20464	204	64	Netherlands	Zetacom B.V.
20465	204	65	Netherlands	AGMS Netherlands B.V.
20466	204	66	Netherlands	Utility Connect B.V.
20467	204	67	Netherlands	RadioAccess B.V.
20468	204	68	Netherlands	Unify Mobile
20469	204	69	Netherlands	KPN Telecom B.V.
20498	204	98	Netherlands	T-Mobile B.V.
36251	362	51	Netherlands Antilles	TELCELL GSM
362630	362	630	Netherlands Antilles	Cingular Wireless (AT&T)
36269	362	69	Netherlands Antilles	DigiCell
36291	362	91	Netherlands Antilles	SETEL GSM
362951	362	951	Netherlands Antilles	UTS Wireless
54601	546	1	New Caledonia	OPT Mobilis
53000	530	0	New Zealand	Telecom NZ
53001	530	1	New Zealand	Vodafone
53002	530	2	New Zealand	NZ Telecom CDMA
53003	530	3	New Zealand	Walker Wireless Ltd.
53004	530	4	New Zealand	Telstra
53005	530	5	New Zealand	Telecom Mobile Ltd
53006	530	6	New Zealand	Telecom NZ
53024	530	24	New Zealand	Two Degrees Mobile Ltd
53028	530	28	New Zealand	2degrees
71021	710	21	Nicaragua	Claro (Empresa Nicaraguense de Telecomunicaciones / SA ENITEL)
71030	710	30	Nicaragua	Movistar / Telefonica
71073	710	73	Nicaragua	Claro (Empresa Nicaraguense de Telecomunicaciones / SA ENITEL) (formally Sercom / Servicios de Comunicacio
61401	614	1	Niger	Orange/Sahelc.
61402	614	2	Niger	Zain/CelTel
61403	614	3	Niger	Etisalat/TeleCel
61404	614	4	Niger	Orange/Sahelc.
62101	621	1	Nigeria	Visafone
62120	621	20	Nigeria	Airtel/Econet (formerly V-Mobile/Zain)
62125	621	25	Nigeria	Visafone
62130	621	30	Nigeria	MTN
62140	621	40	Nigeria	M-Tel/Nigeria Telecom. Ltd.
62150	621	50	Nigeria	Glo Mobile (Globacom)

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62160	621	60	Nigeria	ETISALAT (ETSM)	
62196	621	96	Nigeria	Starcomms	
62199	621	99	Nigeria	Starcomms	
621996	621	996	Nigeria	Visafone	
621997	621	997	Nigeria	Multi-Links	
621998	621	998	Nigeria	Starcomms	
55501	555	1	Niue	Niue Telecom	
50510	505	10	Norfolk Island	Norfolk Telecom	
24201	242	1	Norway	Telenor	
24202	242	2	Norway	Netcom	
24203	242	3	Norway	Teletopia	
24204	242	4	Norway	Tele2	
24205	242	5	Norway	Network Norway AS	
24206	242	6	Norway	Ice / Nordisk Mobiltelefon	
24207	242	7	Norway	Ventelo AS	
24208	242	8	Norway	TDC Mobil A/S	
24209	242	9	Norway	Com4 AS	
24212	242	12	Norway	Telenor	
24220	242	20	Norway	Jernbaneverket (GSM-R)	
24221	242	21	Norway	Jernbaneverket (GSM-R)	
24222	242	22	Norway	Network Norway AS	
24223	242	23	Norway	Lycamobile (MVNO under Netcom / TeliaSonera)	
24224	242	24	Norway	Mobile Norway AS	
42202	422	2	Oman	Oman Mobile/GTO	
42203	422	3	Oman	Nawras (Omani Telecommunications Company)	
41001	410	1	Pakistan	Mobilink	
41003	410	3	Pakistan	UFONE/PAKTel	
41004	410	4	Pakistan	ZONG/CMPak	
41005	410	5	Pakistan	SCO Mobile	
41006	410	6	Pakistan	Telenor	
41007	410	7	Pakistan	Warid Telecom	
41008	410	8	Pakistan	Instaphone	
55201	552	1	Palau (Republic of)	Palau National Communications Corp. (PNCC)	
55280	552	80	Palau (Republic of)	Palau Mobile Corp. (PMC)	
42505	425	5	Palestinian Territory	Jawwal	
42506	425	6	Palestinian Territory	Wataniya Mobile	

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71401	714	1	Panama	Cable & Wireless S.A.
71402	714	2	Panama	BSC de Panama S.A. / Movistar (Telefonia Moviles Panama)
714020	714	20	Panama	Movistar (Telefonia Moviles Panama)
71403	714	3	Panama	Ciaro
71404	714	4	Panama	Digicel
53701	537	1	Papua New Guinea	bemobile
53702	537	2	Papua New Guinea	GreenCom PNG Ltd
53703	537	3	Papua New Guinea	Digicel
74401	744	1	Paraguay	Hola/VOX
74402	744	2	Paraguay	Claro/Hutchison
74403	744	3	Paraguay	Compa
74404	744	4	Paraguay	Tigo/Telecel
74405	744	5	Paraguay	TIM (Telecom Italia) /Nucleo/Personal
74406	744	6	Paraguay	Сорасо
71601	716	1	Peru	GlobalStar
71602	716	2	Peru	GiobalStar
71606	716	6	Peru	Movistar (Telefonia Moviles Panama)
71607	716	7	Peru	Nextel
71610	716	10	Peru	Claro /Amer.Mov./TiM (Telecom Italia)
71615	716	15	Peru	Viettel Mobile / Viettel Peru SAC
71617	716	17	Peru	Nextel
71620	716	20	Peru	Claro /Amer.Mov./TIM (Telecom Italia)
51500	515	0	Philippines	Fix Line
51501	515	1	Philippines	Globe Telecom
51502	515	2	Philippines	Globe Telecom
51503	515	3	Philippines	Smart
51505	515	5	Philippines	SUN/Digitel
51511	515	11	Philippines	PLDT / ACeS
51518	515	18	Philippines	RED Mobile/Cure
51588	515	88	Philippines	Next Mobile
26001	260	1	Poland	Polkomtel/Plus
26002	260	2	Poland	T-Mobile/ERA
26003	260	3	Poland	Orange/IDEA/Centertel
26004	260	4	Poland	Tele2
26005	260	5	Poland	Orange/IDEA/Centertel
26006	260	6	Poland	Play/P4

26007	260	7	Poland	Play/P4
26008	260	8	Poland	e-Telko
26009	260	9	Poland	Lycamobile (MVNO under Polkomtel)
26010	260	10	Poland	Sferia
26011	260	11	Poland	NORDISK Polska
26012	260	12	Poland	Cyfrowy POLSAT S.A.
26013	260	13	Poland	Sferia
26014	260	14	Poland	Sferia
26015	260	15	Poland	CenterNet (MVNO)
26016	260	16	Poland	Mobyland
26017	260	17	Poland	Aero2 SP.
26018	260	18	Poland	AMD Telecom.
26019	260	19	Poland	Teleena / Teleena Holding BV
26020	260	20	Poland	Mobile.Net / Mobile.Net Sp. z o.o.
26021	260	21	Poland	Exteri / Exteri Sp. z o.o.
26022	260	22	Poland	Arcomm / Arcomm Sp. z o.o.
26023	260	23	Poland	Amicomm / Amicomm Sp. z o.o.
26024	260	24	Poland	WideNet / WideNet Sp. z o.o.
26025	260	25	Poland	BS&T / Best Solutions & Technology Sp. z o.o.
26026	260	26	Poland	ATE / ATE-Advanced Technology & Experience Sp. z o.o.
26027	260	27	Poland	Intertelcom / Intertelcom Sp. z o.o.
26028	260	28	Poland	PhoneNet / PhoneNet Sp. z o.o.
26029	260	29	Poland	Interfonica / Interfonica Sp. z o.o.
26030	260	30	Poland	GrandTel / GrandTel Sp. z o.o.
26031	260	31	Poland	Phone IT / Phone IT Sp. z o.o.
26032	260	32	Poland	Compatel Ltd / COMPATEL LIMITED
26033	260	33	Poland	Truphone Poland / Truphone Poland Sp. Z o.o.
26034	260	34	Poland	T-Mobile/ERA
26035	260	35	Poland	PKP Polskie Linie Kolejowe S.A.
26036	260	36	Poland	Mundio Mobile Sp. z o.o.
26038	260	38	Poland	CallFreedom Sp. z o.o.
26098	260	98	Poland	Play/P4
26801	268	1	Portugal	Vodafone
26803	268	3	Portugal	Optimus
26804	268	4	Portugal	Lycamobile / CTT - Correios de Portugal SA
26806	268	6	Portugal	TMN

2010 MOONING (Hobite country odde and Hobite Helwork code) list. Cartalion capper					
26807	268	7	Portugal	Optimus	
26821	268	21	Portugal	Zapp Portugal	
330110	330	110	Puerto Rico	Claro / America Movil / Puerto Rico Telephone Company	
330120	330	120	Puerto Rico	PR Wireless Inc (Open Mobile)	
33020	330	20	Puerto Rico	Sprint	
33030	330	30	Puerto Rico	AT&T Mobility	
330490	330	490	Puerto Rico	T-mobile (Suncom)	
33000	330	0	Puerto Rico	Open Mobile	
42701	427	1	Qatar	ooredoo (formlery Qtel / Qatar Telecom)	
42702	427	2	Qatar	Vodafone	
64700	647	0	Reunion	Orange la Reunion	
64702	647	2	Reunion	Outremer Telecom	
64710	647	10	Reunion	SFR / SRR (Société Réunionnaise du Radiotéléphone)	
22601	226	1	Romania	Vodafone	
22602	226	2	Romania	Romtelecom SA	
22603	226	3	Romania	Telekom (formerly Cosmote)	
22604	226	4	Romania	Telemobil/Zapp	
22605	226	5	Romania	RCS&RDS Digi Mobile	
22606	226	6	Romania	Telemobil/Zapp	
22610	226	10	Romania	Orange	
22611	226	11	Romania	Enigma Systems	
25001	250	1	Russia	MTS (Mobile Telesystems)	
25002	250	2	Russia	Megafon	
25003	250	3	Russia	NCC (Nizhegorodskaya Cellular Communications	
25004	250	4	Russia	Sibchallenge	
25005	250	5	Russia	Yenisey Telecom (Mobile Comms System)	
25006	250	6	Russia	Moscow Cellular Comm (Skylink)	
25007	250	7	Russia	ZAO SMARTS (BM Telecom)	
25008	250	8	Russia	Personnal Communicational	
25009	250	9	Russia	Siberian Cellular Systems	
25010	250	10	Russia	DTC/Don Telecom	
25011	250	11	Russia	Orensot	
25012	250	12	Russia	Baykal Westcom	
25013	250	13	Russia	Kuban GSM	
25014	250	14	Russia	Megafon	
25015	250	15	Russia	ZAO SMARTS	

incomine (modile country code and modile network code) list. Curtailor capport					
25016	250	16	Russia	NTC (New Telephone Company)	
25017	250	17	Russia	JSC/UralTel/U-Tel/Ermak RMS	
25019	250	19	Russia	Tele2 (INDIGO / OJSC Altaysvyaz / Volgograd Mobile)	
25020	250	20	Russia	JSC Rostov Cellular Communications	
25020	250	20	Russia	LLC Personal Communication Systems in the Region	
25020	250	20	Russia	Tele2/ECC/Volgogr.	
25022	250	22	Russia	Megafon (JT)	
25023	250	23	Russia	Mobicon-Nosibirsk	
25028	250	28	Russia	Bee Line GSM / Extel	
25035	250	35	Russia	Motiv LLC Ekaterinburg-2000	
25038	250	38	Russia	Tambov GSM	
25039	250	39	Russia	UralTel/U-Tel/Ermak RMS	
25044	250	44	Russia	StavTelesot / Stuvtelesot	
25050	250	50	Russia	MTS / Bezlimitno.ru	
25092	250	92	Russia	Printelefone	
25093	250	93	Russia	Telecom XXI	
25098	250	98	Russia	Baykal Westcom	
25099	250	99	Russia	Beeline / OJSC Vimpel-Communications (VimpelCom)	
63510	635	10	Rwanda	MTN/Rwandacell	
63512	635	12	Rwanda	Rwandatel	
63513	635	13	Rwanda	TIGO	
63514	635	14	Rwanda	Airtel Rwanda Ltd	
356050	356	50	Saint Kitts and Nevis	Digicel	
356070	356	70	Saint Kitts and Nevis	UTS Cariglobe	
356110	356	110	Saint Kitts and Nevis	Cable & Wireless	
358030	358	30	Saint Lucia	Cingular Wireless (AT&T)	
358050	358	50	Saint Lucia	Digicel (St Lucia) Limited	
358110	358	110	Saint Lucia	Cable & Wireless	
54900	549	0	Samoa	Digicel	
54901	549	1	Samoa	Telecom Samoa Cellular Ltd.	
54927	549	27	Samoa	Samoatel Mobile	
29201	292	1	San Marino	Prima (San Marino Telecom)	
62601	626	1	Sao Tome & Principe	CSTmovel	
42001	420	1	Saudi Arabia	Saudi Telecoms Company/Al Jawal	
42002	420	2	Saudi Arabia	Mobily – Etihad Etisalat	
42003	420	3	Saudi Arabia	Etihad/Etisalat/Mobily	

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42004	420	4	Saudi Arabia	Zain
42007	420	7	Saudi Arabia	Zain
60801	608	1	Senegal	Orange/Sonatel
60802	608	2	Senegal	Sentel GSM
60803	608	3	Senegal	Expresso/Sudatel
22001	220	1	Serbia	Telenor/Mobtel
22002	220	2	Serbia	Telenor/Mobtel
22003	220	3	Serbia	MTS/Telekom Srbija
22005	220	5	Serbia	VIP Mobile
63301	633	1	Seychelles	Ipko Telecommunications d. o. o.
63302	633	2	Seychelles	Smartcom (Mediatech International Limited)
63310	633	10	Seychelles	Airtel (Telecom Seychells Ltd.)
61901	619	1	Sierra Leone	Zain/Celtel
61902	619	2	Sierra Leone	Tigo/Millicom
61903	619	3	Sierra Leone	Africel
61904	619	4	Sierra Leone	Comium
61905	619	5	Sierra Leone	Africel
61909	619	9	Sierra Leone	Intergroup Telecom
61925	619	25	Sierra Leone	Mobitel
61940	619	40	Sierra Leone	Datatel (SL) Ltd GSM
61950	619	50	Sierra Leone	Datatel (SL) Ltd CDMA
52501	525	1	Singapore	Singtel
52502	525	2	Singapore	Singtel
52503	525	3	Singapore	MobileOne Ltd
52505	525	5	Singapore	Starhub
52506	525	6	Singapore	Starhub
52507	525	7	Singapore	Singtel
52512	525	12	Singapore	GRID Communications Pte Ltd
36251	362	51	Sint Maarten (Netherlands)	TelCell NV (Sint Maarten
36291	362	91	Sint Maarten (Netherlands)	UTS St. Maarten (Sint Maarten
23101	231	1	Slovakia	Orange
23102	231	2	Slovakia	Slovak Telekom (T-Mobile)
23104	231	4	Slovakia	Slovak Telekom (T-Mobile)
23105	231	5	Slovakia	Orange
23106	231	6	Slovakia	02
23115	231	15	Slovakia	Orange

2010 MOONING (Hobite country outer and Hobite Helwork code) list. Cultural or Cappert					
23199	231	99	Slovakia	Zeleznice Slovenskej republiky (ZSR)	
29310	293	10	Slovenia	Slovenske zeleznice d.o.o.	
29340	293	40	Slovenia	SI.Mobil	
29341	293	41	Slovenia	Dukagjini Telecommunications Sh.P.K.	
29341	293	41	Slovenia	Ipko Telecommunications d. o. o.	
29341	293	41	Slovenia	Mobitel D. D.	
29364	293	64	Slovenia	T-2 d.o.o.	
29370	293	70	Slovenia	TusMobil/VEGA	
54001	540	1	Solomon Islands	BREEZE	
54002	540	2	Solomon Islands	bemobile	
54010	540	10	Solomon Islands	BREEZE	
63701	637	1	Somalia	Telesom	
63704	637	4	Somalia	Somafone	
63710	637	10	Somalia	Nationlink	
63719	637	19	Somalia	HorTel	
63725	637	25	Somalia	Hormuud Telecom Somalia	
63730	637	30	Somalia	Golis	
63750	637	50	Somalia	Hormuud Telecom Somalia	
63760	637	60	Somalia	Nationlink	
63771	637	71	Somalia	Somtel	
63782	637	82	Somalia	Telcom Mobile Somalia	
65501	655	1	South Africa	Vodacom	
65502	655	2	South Africa	8.ta	
65506	655	6	South Africa	Sentech	
65507	655	7	South Africa	Cell C	
65510	655	10	South Africa	MTN	
65511	655	11	South Africa	South African Police Service Gauteng	
65512	655	12	South Africa	MTN	
65516	655	16	South Africa	Phoenix Systems Integration (Pty) Ltd	
65519	655	19	South Africa	Wireless Business Solutions (Pty) Ltd	
65521	655	21	South Africa	Cape Town Metropolitan	
65530	655	30	South Africa	Bokamoso Consortium	
65531	655	31	South Africa	Karabo Telecoms	
65532	655	32	South Africa	llizwi Telecommunications	
65533	655	33	South Africa	Thinta Thinta Telecommunications	
65902	659	2	South Sudan (Republic of)	MTN South Sudan (South Sudan	

incomine (mobile sound) source and mobile network source in structure of positions					
65903	659	3	South Sudan (Republic of)	Gemtel Ltd (South Sudan	
65904	659	4	South Sudan (Republic of)	Network of The World Ltd (NOW) (South Sudan	
65905	659	5	South Sudan (Republic of)	Vivacell	
65906	659	6	South Sudan (Republic of)	Zain South Sudan (South Sudan	
65907	659	7	South Sudan (Republic of)	Sudani	
65912	659	12	South Sudan (Republic of)	Sudani/Sudatel	
65991	659	91	South Sudan (Republic of)	Zain-South Sudan	
65992	659	92	South Sudan (Republic of)	MTN-South Sudan	
65995	659	95	South Sudan (Republic of)	Vivacel/NOW	
65997	659	97	South Sudan (Republic of)	Gemtel	
21401	214	1	Spain	Vodafone (Also MVNOs Eroski, Hits, Lebara & PepePhone)	
21403	214	3	Spain	Orange2 (Also MVNOs Dia, CABLE, CarrefourOnline, Hualong, Llamaya, MasMovil & The Phone House)	
21404	214	4	Spain	Yoigo	
21405	214	5	Spain	Movistar	
21406	214	6	Spain	Vodafone Enabler Espana SL (MVNO Pepephone)	
21407	214	7	Spain	Movistar (Telephonica Spain)	
21408	214	8	Spain	Euskaltel SA	
21409	214	9	Spain	Orange	
21410	214	10	Spain	Operadora de Telecomunicaciones Opera SL	
21411	214	11	Spain	Orange	
21412	214	12	Spain	Contacta Servicios Avanzados de Telecomunicaciones SL	
21413	214	13	Spain	Incotel Ingeniera y Consultaria SL	
21414	214	14	Spain	Incotel Servicioz Avanzados SL	
21415	214	15	Spain	BT Espana Compania de Servicios Globales de Telecomunicaciones SAU	
21416	214	16	Spain	Telecable de Asturias SA	
21417	214	17	Spain	Mobile R (Cable y Telecomunicaciones Galicia SA)	
21418	214	18	Spain	Cableuropa SAU (ONO)	
21419	214	19	Spain	Simyo/KPN	
21420	214	20	Spain	fonYou Wireless SL	
21421	214	21	Spain	Jazz Telecom SAU	
21422	214	22	Spain	DigiMobil (Movistar)	
21423	214	23	Spain	Barablu / Lycamobile SL	
21424	214	24	Spain	Vodafone (includes MVNOs / Vizzavi España, S.L. / Eroski Móvil España)	
21425	214	25	Spain	Lycamobile SL	
21426	214	26	Spain	Lleida	
21427	214	27	Spain	Truphone	
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woodilite (mobile country odde and mobile network code) list. Cartalion cappert					
21428	214	28	Spain	Consorcio de Telecomunicaciones Avanzadas, S.A.	
21429	214	29	Spain	NEO-SKY 2002, S.A.	
21430	214	30	Spain	Compatel Limited	
21431	214	31	Spain	Red Digital De Telecomunicaciones de las Islas Baleares, S.L.	
21432	214	32	Spain	TUENTI TECHNOLOGIES, S.L.	
41301	413	1	Sri Lanka	Mobitel Ltd.	
41302	413	2	Sri Lanka	MTN/Dialog	
41303	413	3	Sri Lanka	Etisalat/Tigo	
41305	413	5	Sri Lanka	Bharti Airtel	
41308	413	8	Sri Lanka	H3G Hutchison	
30801	308	1	Saint Pierre & Miquelon	Ameris	
360050	360	50	Saint Vincent & Grenadines	Digicel	
360100	360	100	Saint Vincent & Grenadines	AT&T (formerly Cingular)	
360110	360	110	Saint Vincent & Grenadines	C & W	
360070	360	70	Saint Vincent & Grenadines	Digicel	
63400	634	0	Sudan	Canar Telecom	
63401	634	1	Sudan	ZAIN (formlerly Mobitel) / Sudanese MTC	
63402	634	2	Sudan	MTN (Areeba)	
63405	634	5	Sudan	Vivacell	
63406	634	6	Sudan	ZAIN/Mobitel	
63407	634	7	Sudan	Sudani One	
63408	634	8	Sudan	Vivacell	
63409	634	9	Sudan	Privet Network / NEC	
63415	634	15	Sudan	Sudani One	
63422	634	22	Sudan	MTN (Areeba)	
63499	634	99	Sudan	MTN	
74601	746	1	Suriname	Telesur	
74602	746	2	Suriname	Telecommunicatiebedrijf Suriname (TELESUR)	
74603	746	3	Suriname	Digicel	
74604	746	4	Suriname	UNIQA	
65301	653	1	Swaziland	SwaziTelecom	
65310	653	10	Swaziland	Swazi MTN	
24000	240	0	Sweden	Compatel / EUTel	
24001	240	1	Sweden	Telia Mobile	
24002	240	2	Sweden	H3G Access AB	
24003	240	3	Sweden	Orange	

woodilite (mobile country odde and mobile network code) list. Cartalion cappert					
24004	240	4	Sweden	H3G Access AB and Telenor (aquired Vodafone)	
24005	240	5	Sweden	Sweden 3G (Tele2 Sverige AB & Telia Mobile)	
24006	240	6	Sweden	Telenor (Vodafone)	
24007	240	7	Sweden	Tele2 Sverige AB	
24008	240	8	Sweden	Telenor (Vodafone) / Timepiece Servicos De Consultoria LDA (Universal Telecom)	
24009	240	9	Sweden	Telenor Mobile Sverige AS	
24010	240	10	Sweden	Spring Mobil AB	
24011	240	11	Sweden	Lindholmen Science Park AB	
24012	240	12	Sweden	Lycamobile Ltd	
24013	240	13	Sweden	Ventelo Sverige AB	
24014	240	14	Sweden	TDC Sverige AB	
24015	240	15	Sweden	Wireless Maingate Nordic AB	
24016	240	16	Sweden	42 Telecom AB	
24017	240	17	Sweden	Gotalandsnatet AB	
24018	240	18	Sweden	Generic Mobile Systems Sweden AB	
24019	240	19	Sweden	Vectone Mobile (Delight Mobile / Mundio Mobile, MVNO under Telia)	
24020	240	20	Sweden	Wireless Maingate AB	
24021	240	21	Sweden	Trafikverket ICT	
24022	240	22	Sweden	Eu Tel AB	
24023	240	23	Sweden	Infobip Ltd.	
24024	240	24	Sweden	Tele2 Sverige AB	
24024	240	24	Sweden	Telenor (Vodafone)	
24025	240	25	Sweden	Digitel Mobile Srl	
24026	240	26	Sweden	Beepsend	
24027	240	27	Sweden	Fogg Mobile AB	
24028	240	28	Sweden	CoolTEL Aps	
24029	240	29	Sweden	Mercury International Carrier Services	
24030	240	30	Sweden	NextGen Mobile Ltd	
24032	240	32	Sweden	Compatel Ltd.	
24033	240	33	Sweden	Mobile Arts AB	
24034	240	34	Sweden	Pro Net Telecommunications Services Ltd.	
24035	240	35	Sweden	42 Telecom AB	
24036	240	36	Sweden	ID Mobile	
24037	240	37	Sweden	Jupiter Networks TXT	
24038	240	38	Sweden	Voxbone SA	
24039	240	39	Sweden	Borderlight AB	

incomine (mobile sound) source and mobile network source in structure of positions					
24040	240	40	Sweden	ReWiCom Scandinavia AB	
24041	240	41	Sweden	Shyam Telecom UK Ltd	
24042	240	42	Sweden	Telenor Connexion AB	
24043	240	43	Sweden	MobiWeb Ltd.	
24044	240	44	Sweden	Limitless Mobile AB	
24045	240	45	Sweden	Spirius AB	
24065	240	65	Sweden	shared use for closed networks	
24066	240	66	Sweden	shared use for closed networks	
24067	240	67	Sweden	shared use for test purpose	
24068	240	68	Sweden	shared use for test purpose	
24069	240	69	Sweden	crisis management after determination by the Swedish Post- and Telecom Authority	
22801	228	1	Switzerland	Swisscom	
22802	228	2	Switzerland	TDC Sunrise	
22803	228	3	Switzerland	Orange	
22805	228	5	Switzerland	Togewanet AG (Comfone)	
22807	228	7	Switzerland	TDC Sunrise / in☎)	
22808	228	8	Switzerland	TDC Sunrise (Tele4u; formally tele2)	
22809	228	9	Switzerland	Comfone AG	
22812	228	12	Switzerland	TDC Sunrise	
22850	228	50	Switzerland	3G Mobile AG	
22851	228	51	Switzerland	BebbiCell AG	
22852	228	52	Switzerland	Mundio Mobile (MVNO under Orange)	
22853	228	53	Switzerland	upc cablecom GmbH	
22854	228	54	Switzerland	Lycamobile AG (MNVO under Orange)	
22856	228	56	Switzerland	SMSRelay AG	
41701	417	1	Syrian Arab Republic	Syriatel Holdings	
41702	417	2	Syrian Arab Republic	MTN/Spacetel	
41709	417	9	Syrian Arab Republic	Syriatel Holdings	
46601	466	1	Taiwan	Far EasTone	
46602	466	2	Taiwan	Far EasTone	
46603	466	3	Taiwan	Far EasTone	
46605	466	5	Taiwan	Asia Pacific Telecom Co. Ltd (APT)	
46606	466	6	Taiwan	Far EasTone	
46607	466	7	Taiwan	Far EasTone	
46609	466	9	Taiwan	VMAX Telecom Co. Ltd	
46610	466	10	Taiwan	Global Mobile Corp.	

incomine (modile country code and modile network code) list. Curtailor capport					
46611	466	11	Taiwan	Chunghwa Telecom LDM	
46656	466	56	Taiwan	International Telecom Co. Ltd (FITEL)	
46668	466	68	Taiwan	ACeS Taiwan - ACeS Taiwan Telecommunications Co Ltd	
46688	466	88	Taiwan	KG Telecom	
46689	466	89	Taiwan	VIBO	
46692	466	92	Taiwan	Chunghwa Telecom LDM	
46693	466	93	Taiwan	Mobitai (aquired by Taiwan Mobile)	
46697	466	97	Taiwan	Taiwan Cellular	
46699	466	99	Taiwan	TransAsia	
43601	436	1	Tajikistan	Tcell/JC Somoncom	
43602	436	2	Tajikistan	CJSC Indigo Tajikistan	
43603	436	3	Tajikistan	MLT/TT mobile	
43604	436	4	Tajikistan	Babilon-M	
43605	436	5	Tajikistan	Bee Line / Tacom	
43612	436	12	Tajikistan	Tcell/JC Somoncom	
64002	640	2	Tanzania	TIGO/MIC	
64003	640	3	Tanzania	Zantel/Zanzibar Telecom	
64004	640	4	Tanzania	Vodacom Ltd	
64005	640	5	Tanzania	Airtel (formerly ZAIN/Celtel)	
64006	640	6	Tanzania	Dovetel (T) Ltd	
64007	640	7	Tanzania	Tanzania Telecommunications Company Ltd (TTCL)	
64008	640	8	Tanzania	Benson Informatics Ltd	
64009	640	9	Tanzania	ExcellentCom (T) Ltd	
64001	640	1	Tanzania	Tri Telecomm. Ltd.	
64011	640	11	Tanzania	Smile Communications Tanzania Ltd	
52000	520	0	Thailand	Hutch/CAT CDMA (also True Move)	
52001	520	1	Thailand	AIS/Advanced Info Service	
52002	520	2	Thailand	True Move Co. Ltd.Move (CAT)	
52003	520	3	Thailand	Advanced Wireless Networks/AWN	
52004	520	4	Thailand	True Move/Orange	
52005	520	5	Thailand	Total Access (DTAC)	
52015	520	15	Thailand	ACT Mobile	
52018	520	18	Thailand	Total Access (DTAC)	
52020	520	20	Thailand	ACeS Thailand - ACeS Regional Services Co Ltd	
52023	520	23	Thailand	Digital Phone Co.	
52025	520	25	Thailand	True Move	

woodilite (mobile country odde and mobile network code) list. Cartalion cappert					
52047	520	47	Thailand	TOT Public Company Limited	
52099	520	99	Thailand	True Move/Orange	
51401	514	1	Timor-Leste	Telin/ Telkomcel	
51402	514	2	Timor-Leste	Timor Telecom	
51403	514	3	Timor-Leste	Viettel Timor-Leste	
61501	615	1	Togo	Togo Telecom/TogoCELL	
61503	615	3	Togo	Telecel/MOOV	
53901	539	1	Tonga	Tonga Communications	
53943	539	43	Tonga	Shoreline Communication	
53988	539	88	Tonga	Digicel	
37412	374	12	Trinidad and Tobago	TSTT	
374129	374	129	Trinidad and Tobago	Bmobile/TSTT	
374130	374	130	Trinidad and Tobago	Digicel	
374140	374	140	Trinidad and Tobago	LaqTel Ltd.	
60501	605	1	Tunisia	Orange	
60502	605	2	Tunisia	Tunisie Telecom	
60503	605	3	Tunisia	Tunisiana / Orascom Telecom	
28601	286	1	Turkey	Turkcell	
28602	286	2	Turkey	Vodafone-Telsim	
28603	286	3	Turkey	AVEA/Aria/Aycell	
28604	286	4	Turkey	AVEA/Aria/Aycell	
43801	438	1	Turkmenistan	Barash Communication	
43802	438	2	Turkmenistan	TM-Cell	
376050	376	50	Turks and Caicos Islands	Digicel TCI Ltd	
376350	376	350	Turks and Caicos Islands	Cable & Wireless (TCI) Ltd	
376352	376	352	Turks and Caicos Islands	IslandCom Communications Ltd.	
376360	376	360	Turks and Caicos Islands	IslandCom Communications Ltd.	
55301	553	1	Tuvalu	Tuvalu Telecommunication Corporation (TTC)	
64101	641	1	Uganda	Airtel (formerly Zain/Celtel)	
64110	641	10	Uganda	MTN Ltd.	
64111	641	11	Uganda	Uganda Telecom Ltd.	
64114	641	14	Uganda	Orange	
64118	641	18	Uganda	Suretelecom Uganda Ltd	
64122	641	22	Uganda	Airtel/Warid	
64130	641	30	Uganda	K2 Telecom Ltd	
64133	641	33	Uganda	Smile Communications Uganda Ltd	

2010 MOONING (Hobite country odde and Hobite Helwork code) list. Cartalion capper					
64166	641	66	Uganda	i-Tel Ltd	
25501	255	1	Ukraine	UMC/MTS	
25502	255	2	Ukraine	Beeline	
25503	255	3	Ukraine	KyivStar	
25504	255	4	Ukraine	Intertelecom Ltd (IT)	
25505	255	5	Ukraine	Golden Telecom	
25506	255	6	Ukraine	Astelit/LIFE:)	
25507	255	7	Ukraine	TriMob LLC (3Mob) (formerly Utel)	
25521	255	21	Ukraine	PEOPLEnet / Telesystems Of Ukraine CJSC (TSU)	
25523	255	23	Ukraine	CDMA Ukraine / Intertelecom	
25539	255	39	Ukraine	Golden Telecom	
25550	255	50	Ukraine	UMC/MTS	
25567	255	67	Ukraine	KyivStar	
25568	255	68	Ukraine	Beeline	
42402	424	2	United Arab Emirates	Etisalat	
42403	424	3	United Arab Emirates	DU (Emirates Integrated Telecommunications)	
43002	430	2	United Arab Emirates	Etisalat	
43102	431	2	United Arab Emirates	Etisalat	
23400	234	0	United Kingdom	BT group	
23401	234	1	United Kingdom	Vectone by Mundio Mobile (MNVO under EE, formerly Orange/T-Mobile) (formerly Mapesbury C. Ltd)	
23402	234	2	United Kingdom	O2 (Telefonica)	
23403	234	3	United Kingdom	Jersey Airtel/Vodafone	
23404	234	4	United Kingdom	FMS Solutions	
23405	234	5	United Kingdom	COLT Mobile Telecommunications Limited	
23406	234	6	United Kingdom	Internet Computer Bureau Ltd	
23407	234	7	United Kingdom	Vodafone (Cable and Wireless)	
23408	234	8	United Kingdom	BT OnePhone	
23409	234	9	United Kingdom	Tismi	
23410	234	10	United Kingdom	O2 (Telefonica)	
23411	234	11	United Kingdom	O2 (Telefonica)	
23412	234	12	United Kingdom	Railtrack Plc (Network Rail Infrastructure Ltd)	
23413	234	13	United Kingdom	Railtrack PIc (Network Rail Infrastructure Ltd)	
23414	234	14	United Kingdom	HaySystems	
23415	234	15	United Kingdom	Vodafone	
23416	234	16	United Kingdom	Talk Talk (formerly Opal Telecom) (Vodafone)	
23417	234	17	United Kingdom	FlexTel	

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23418	234	18	United Kingdom	Cloud9/wire9 Tel.	
23419	234	19	United Kingdom	PMN/Teleware	
23420	234	20	United Kingdom	Hutchinson 3G	
23421	234	21	United Kingdom	LogicStar Ltd	
23422	234	22	United Kingdom	Routotelecom / Telesign Mobile Ltd	
23423	234	23	United Kingdom	Vectofone Mobile Wifi / Icron Network Ltd	
23424	234	24	United Kingdom	Stour Marine	
23425	234	25	United Kingdom	Truphone (MNVO under Vodafone)	
23426	234	26	United Kingdom	Lycamobile (through O2)	
23427	234	27	United Kingdom	Vodafone (Taleena)	
23428	234	28	United Kingdom	Marthon Telecom	
23429	234	29	United Kingdom	AQL / AQ	
23430	234	30	United Kingdom	EE (Everything Everywhere) / T-Mobile	
23431	234	31	United Kingdom	EE (Everything Everywhere) / T-Mobile	
23432	234	32	United Kingdom	EE (Everything Everywhere) / T-Mobile	
23433	234	33	United Kingdom	EE (Everything Everywhere) / Orange	
23434	234	34	United Kingdom	EE (Everything Everywhere) / Orange	
23435	234	35	United Kingdom	JSC Ingenicum	
23436	234	36	United Kingdom	Sure Isle of Man (C&W)	
23437	234	37	United Kingdom	Synectiv Ltd.	
23438	234	38	United Kingdom	EE (Everything Everywhere) / Virgin	
23439	234	39	United Kingdom	SSE Energy Supply Limited / Gamma telecom Holdings Ltd	
23450	234	50	United Kingdom	Jersey Telecom	
23451	234	51	United Kingdom	UK Broadband Ltd	
23452	234	52	United Kingdom	Shyham Telecom	
23453	234	53	United Kingdom	Limitless Mobile Ltd	
23454	234	54	United Kingdom	The Carphone Warehouse Ltd.	
23455	234	55	United Kingdom	Sure (Guernsey Telecoms)	
23456	234	56	United Kingdom	CESG	
23458	234	58	United Kingdom	Manx Telecom	
23475	234	75	United Kingdom	Inquam Telecom Ltd	
23476	234	76	United Kingdom	O2 (formerly BT Group)	
23477	234	77	United Kingdom	BT Group	
23478	234	78	United Kingdom	Airwave Solutions	
23486	234	86	United Kingdom	EE (Everything Everywhere)	
23494	234	94	United Kingdom	Hutchinson 3G	

2466 234 35	2010 MOONING (Hobite country code and Hobite Helwork code) list. Cultural or Capport					
2055 235	23499	234	99	United Kingdom	Lycamobile (through O2)	
2017/10 7.0 7.0 7.0 7.0 1.0	23500	235	0	United Kingdom	Mundio Mobile	
2950	23501	235	1	United Kingdom	EE (Everything Everywhere)	
2007 200	23502	235	2	United Kingdom	EE (Everything Everywhere)	
20,549	23503	235	3	United Kingdom	UK Broadband Ltd	
20092	23577	235	77	United Kingdom	O2 (formlery BT Group)	
2009	23591	235	91	United Kingdom	Vodafone	
20000	23592	235	92	United Kingdom	Vodafone (Cable & Wireless)	
350006	23594	235	94	United Kingdom	Hutchinson 3G	
20004	23595	235	95	United Kingdom	Network Rail Infrastucture Ltd	
30000	310003	310	3	United States	Unknown (Verizon Wireless)	
20011	310004	310	4	United States	Verizon Wireless	
310012	310010	310	10	United States	Verizon Wireless	
310015 310 13	310011	310	11	United States	Northstar	
30016	310012	310	12	United States	Verizon Wireless	
310020 310 77	310013	310	13	United States	Verizon Wireless	
310020 310 20	310016	310	16	United States	Denali Spectrum License / LCW Wireless Operations / Leap Wireless (Cricket Communications)	
30030 310 30 United States	310017	310	17	United States	North Sight Communications Inc	
310034 310 34	310020	310	20	United States	Union Telephone Co.	
310035 310 35	310030	310	30	United States	AT&T Wireless (formerly Centennial Wireless)	
310040 310	310034	310	34	United States	Airpeak (formerly Nevada Wireless)	
310050 310 50	310035	310	35	United States	ETEX Communications dba ETEX Wireless	
310060 310 60	310040	310	40	United States	Matanuska Tel. Assn. Inc. (MTA Communications/Wireless)	
310070 310 70	310050	310	50	United States	Alaska Communications	
310080 310 80	310060	310	60	United States	Consolidated Telcom	
31090 310 90 United States Edge Wireless LLC / Cricket Communications	310070	310	70	United States	AT&T Wireless Inc. (formlery Alltel)	
310100 310 100 United States Plateau Telecommunications Inc. / New Mexico RSA 4 East Ltd. Partnetship	310080	310	80	United States	Corr Wireless Communications LLC	
310110 310 110 United States Pacific Telecom Inc	310090	310	90	United States	Edge Wireless LLC / Cricket Communications	
310120 310 120 United States Sprint Spectrum (Virgin Mobile US) / Sprintcom	310100	310	100	United States	Plateau Telecommunications Inc. / New Mexico RSA 4 East Ltd. Partnetship	
310130 310 130 United States North Carolina RSA 3 Cellular Tel. Co. 31014 310 14 United States Testing 310140 310 140 United States GTA Wireless LLC 31015 310 15 United States Unknown 310150 310 150 United States AT&T Wireless Inc. / Cingular	310110	310	110	United States	Pacific Telecom Inc	
31014 310 14 United States Testing 310140 310 140 United States GTA Wireless LLC 31015 310 15 United States Unknown 310150 310 150 United States AT&T Wireless Inc. / Cingular	310120	310	120	United States	Sprint Spectrum (Virgin Mobile US) / Sprintcom	
310140 310 140 United States GTA Wireless LLC 31015 310 15 United States Unknown 310150 310 150 United States AT&T Wireless Inc. / Cingular	310130	310	130	United States	North Carolina RSA 3 Cellular Tel. Co.	
31015 310 15 United States Unknown 310150 310 150 United States AT&T Wireless Inc. / Cingular	31014	310	14	United States	Testing	
310150 310 150 United States AT&T Wireless Inc. / Cingular	310140	310	140	United States	GTA Wireless LLC	
	31015	310	15	United States	Unknown	
	310150	310	150	United States	AT&T Wireless Inc. / Cingular	_

2010 MOONING (Hobite country odde and Hobite Helwork code) list. Cartalion capper					
310160	310	160	United States	T-Mobile	
310170	310	170	United States	AT&T Wireless Inc. / Cingular	
310180	310	180	United States	Cingular Wireless (AT&T) / West Central Wireless	
310190	310	190	United States	Alaska Wireless Communications LLC	
310200	310	200	United States	T-Mobile	
310210	310	210	United States	T-Mobile	
310220	310	220	United States	T-Mobile	
311230	311	230	United States	Cellular South Licenses Inc.	
310230	310	230	United States	T-Mobile	
310240	310	240	United States	T-Mobile	
310250	310	250	United States	T-Mobile	
310260	310	260	United States	T-Mobile	
310270	310	270	United States	T-Mobile	
310280	310	280	United States	Contennial Puerto Rio License Corp. / T-Mobile	
310290	310	290	United States	NEP Cellcorp Inc.	
310300	310	300	United States	T-Mobile / Blanca Telephone Company	
310310	310	310	United States	T-Mobile	
310320	310	320	United States	Smith Bagley Inc. / Cellular One	
310330	310	330	United States	T-Mobile / AWCC	
310340	310	340	United States	High Plains Midwest LLC, dba Westlink Communications, LLC	
310350	310	350	United States	Mohave Cellular LP	
310360	310	360	United States	Cellular Network Partnership LLC	
310370	310	370	United States	Docomo Pacific, Inc	
31038	310	38	United States	USA 3650 AT&T	
310380	310	380	United States	AT&T Wireless Inc. / New Cingular Wireless PCS, LLC	
310390	310	390	United States	Yorkville Telephone Cooperative / TX-11 Acquisition LLC	
310400	310	400	United States	Minnesota South. Wirel. Co. / Hickory / Wave Runner LLC	
310410	310	410	United States	AT&T Wireless Inc. / Cingular Wireless	
310420	310	420	United States	Cincinnati Bell Wireless LLC	
310430	310	430	United States	GCI Communication Corp.	
310440	310	440	United States	Dobson Cellular Systems / Numerex Corp	
310450	310	450	United States	Northeast Colorado Cellular Inc.	
31046	310	46	United States	SIMMETRY	
310460	310	460	United States	TMP Corporation / Newcore Wireless	
310470	310	470	United States	nTELOS Communications Inc	
310480	310	480	United States	Choice Phone LLC	

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310490	310	490	United States	T-Mobile (formerly Suncom (formerly Triton PCS))
310500	310	500	United States	Verizon / Alltel (formerly Public Service Cellular Inc.)
310510	310	510	United States	Airtel Wireless LLC / Nsighttel Wirelss Inc
310520	310	520	United States	VeriSign / Transactions Network Services
310530	310	530	United States	West Virginia Wireless / Iowa Wireless Services LLC
310540	310	540	United States	Oklahoma Western Telephone Company
310550	310	550	United States	Wireless Solutions International
310560	310	560	United States	AT&T Wireless Inc.
310570	310	570	United States	MTPCSLLC
310580	310	580	United States	T-Mobile (formerly PCS ONE)
310590	310	590	United States	Verizon Wireless (formerly Alltel)
31060	310	60	United States	Consolidated Telcom
310600	310	600	United States	New-Cell Inc. dba Cellcom
310610	310	610	United States	Elkhart TelCo. / Epic Touch Co.
310620	310	620	United States	Coleman County Telco / Trans TX / Nsighttel Wireless Inc
310630	310	630	United States	CellularOne of Texoma
310640	310	640	United States	Airadigm Communications
310650	310	650	United States	Jasper
310660	310	660	United States	T-Mobile
310670	310	670	United States	Northstar / AT&T Mobility Vanguagd Services
310680	310	680	United States	AT&T Wireless Inc.
310690	310	690	United States	Keystone Wireless LLC
310700	310	700	United States	Cross Valliant Cellular Partnership
310710	310	710	United States	Arctic Slope Telephone Association Cooperative Inc.
310720	310	720	United States	Wireless Solutions International
310730	310	730	United States	United States Cellular Corp.
310740	310	740	United States	Convey Communications Inc
310740	310	740	United States	OTZ Cellular
310740	310	740	United States	Telemetrix Inc.
310750	310	750	United States	East Kentucky Network LLC (Bluegrass Wireless)
310760	310	760	United States	Panhandle Telephone Cooperative Inc. / Lynch 3G Communications Co. LP
310770	310	770	United States	Iowa Wireless Services LLC
310780	310	780	United States	Message Express Co. / Airlink PCS / D. D. Inc
310790	310	790	United States	PinPoint Communications Inc
310800	310	800	United States	T-Mobile
310810	310	810	United States	LCFR LLC

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310820	310	820	United States	South Canadian Cellular Communications Co. LP
310830	310	830	United States	Clearwire Corporation / Caprock Cellular Ltd.
310840	310	840	United States	Telecom North America Mobile Inc
310850	310	850	United States	Aeris Comm. Inc.
310860	310	860	United States	Texas RSA 15B2 Limited Partnership dba Five Star Wireless
310870	310	870	United States	Kaplan Telephone Company Inc.
310880	310	880	United States	Advantage Cellular Systems
310890	310	890	United States	Verizon Wireless
310900	310	900	United States	Cable & Communications Corp. dba Mid-Rivers Wireless
310910	310	910	United States	Verizon Wireless
310920	310	920	United States	Get Mobile Inc. / James Valley Wireless LLC
310930	310	930	United States	Copper Valley Wireless
310940	310	940	United States	Poka Lambro Telco Ltd. / IRIS Wireless LLC
310950	310	950	United States	Texas RSA1 dba XIT Wireless
310960	310	960	United States	Uintah Basin Electronics Telecommunications Inc.
310970	310	970	United States	Globalstar USA
310980	310	980	United States	AT&T Wireless Inc./ Texas RSA 7B3 dba Peoples Wireless Services
310990	310	990	United States	E.N.M.R. Telephone Coop.
311000	311	0	United States	Mid-Tex Cellular Ltd.
311010	311	10	United States	Missouri RSA No 5 Partnership / Chariton Valley Communications Corp., Inc.
311020	311	20	United States	Missouri RSA No 5 Partnership
311030	311	30	United States	Indigo Wireless, Inc.
311030	311	30	United States	Americell PA3 LP
311030	311	30	United States	Sagir Inc.
311040	311	40	United States	Commnet Wireless
311050	311	50	United States	Thumb Cellular Limited Partnership
311060	311	60	United States	Farmers Cellular / Space Data Corporation
311070	311	70	United States	Wisconsin RSA #7 Limited Partnership
311080	311	80	United States	Pine Telephone Company dba Pine Cellular
311090	311	90	United States	LongLines Wireless
311100	311	100	United States	Nex-Tech Wireless LLC
311110	311	110	United States	Verizon Wireless
311120	311	120	United States	Choice Phone LLC
311130	311	130	United States	Light Squared LP
311140	311	140	United States	Cross Wireless Telephone Co.
311150	311	150	United States	Wilkes Cellular Inc.
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311160	311	160	United States	Cellular One DCS (Dobson / EMW) / Light Squared LP		
311170	311	170	United States	PetroCom		
311180	311	180	United States	Cingular Wireless (AT&T), Licensee Pacific Telesis Mobile Services, LLC		
311190	311	190	United States	Cellular One of East Central Illinois / Cellular Properties Inc		
311200	311	200	United States	ARINC		
311210	311	210	United States	Emery Telecom-Wireless Inc		
311220	311	220	United States	United States Cellular Corp.		
311230	311	230	United States	Cellular South Inc		
311240	311	240	United States	Cordova Wireless Communications Inc		
311240	311	240	United States	Cordova Wireless Communications Inc		
311250	311	250	United States	i CAN_GSM / Wave Runner LLC		
311260	311	260	United States	SLO Cellular Inc / Cellular One of San Luis / Clearwire		
311270	311	270	United States	Verizon Wireless		
311271	311	271	United States	Verizon Wireless (alltel)		
311272	311	272	United States	Verizon Wireless (alltel)		
311273	311	273	United States	Verizon Wireless (alltel)		
311274	311	274	United States	Verizon Wireless (alltel)		
311275	311	275	United States	Verizon Wireless (alltel)		
311276	311	276	United States	Verizon Wireless (alltel)		
311277	311	277	United States	Verizon Wireless (alltel)		
311278	311	278	United States	Verizon Wireless (alltel)		
311279	311	279	United States	Verizon Wireless (alltel)		
311280	311	280	United States	Verizon Wireless		
311281	311	281	United States	Verizon Wireless		
311282	311	282	United States	Verizon Wireless		
311283	311	283	United States	Verizon Wireless		
311284	311	284	United States	Verizon Wireless		
311285	311	285	United States	Verizon Wireless		
311286	311	286	United States	Verizon Wireless		
311287	311	287	United States	Verizon Wireless		
311288	311	288	United States	Verizon Wireless		
311289	311	289	United States	Verizon Wireless		
311290	311	290	United States	Pinpoint Wireless Inc.		
311300	311	300	United States	Nexus Communications Inc.		
311310	311	310	United States	Lamar County Cellular / Leaco Rural Telephone Company Inc		
311311	311	311	United States	Farmers		

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311320	311	320	United States	Commnet Wireless LLC		
311330	311	330	United States	Michigan Wireless LLC / Bug Tussel Wireless LLC		
311340	311	340	United States	Illinois Valley Cellular RSA 2 Partnership		
311350	311	350	United States	Sagebrush Cellular Inc. dba Nemont		
311360	311	360	United States	Stelera Wireless Corp.		
311370	311	370	United States	GCI Communication Corp.		
311380	311	380	United States	New Dimension Wireless Ltd		
311390	311	390	United States	Verizon Wireless		
311410	311	410	United States	Iowa RSA No. 2 Limited Partnership		
311420	311	420	United States	Northwest Missouri Cellular Limited Partnership		
311430	311	430	United States	RSA1Limited Partnership dba Cellular 29 Plus		
311440	311	440	United States	Bluegrass Wireless LLC (Cumberland Cellular Partnership, Kentucky RSA)		
311450	311	450	United States	Panhandle Telecommunication Systems Inc.		
311460	311	460	United States	Fisher Wireless Services Inc.		
311470	311	470	United States	Vitelcom Cellular Inc dba Innovative Wireless		
311480	311	480	United States	Verizon Wireless		
311481	311	481	United States	Verizon Wireless		
311482	311	482	United States	Verizon Wireless		
311483	311	483	United States	Verizon Wireless		
311484	311	484	United States	Verizon Wireless		
311485	311	485	United States	Verizon Wireless		
311486	311	486	United States	Verizon Wireless		
311487	311	487	United States	Verizon Wireless		
311488	311	488	United States	Verizon Wireless		
311489	311	489	United States	Verizon Wireless		
311490	311	490	United States	Sprint Spectrum / Sprintcom		
311500	311	500	United States	Cambridge Telephone Company Inc. / Mosaic Telecom Inc		
311510	311	510	United States	Light Squared LP		
311520	311	520	United States	Light Squared LP		
311530	311	530	United States	New Core Wireless		
311540	311	540	United States	Poximiti Mobility Inc		
311550	311	550	United States	OTZ Communications Inc		
311560	311	560	United States	Bend Cable Communications LLC		
311570	311	570	United States	United States Cellular		
311580	311	580	United States	California RSA No3 Ltd Partnership dba Golden State Cellular		
311590	311	590	United States	California RSA No. 3 Limited Partnership		

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311600	311	600	United States	Cox TMI Wireless LLC
311610	311	610	United States	North Dakota Network Company
311620	311	620	United States	Terrestar Networks Inc
311630	311	630	United States	Corr Wireless Communications
311640	311	640	United States	Standing Rock Telecommunications
311650	311	650	United States	United Wireless Communications Inc.
311660	311	660	United States	T-Mobile (Formerly Metro PCS Wireless)
311670	311	670	United States	Pine Belt Cellular, Inc. dba Pine Belt Wireless
311680	311	680	United States	GreenFly LLC
311690	311	690	United States	TeleBeeper of New Mexico Inc
311700	311	700	United States	TotalSolutions Telecom LLC
311710	311	710	United States	Northeast Wireless Networks LLC
311720	311	720	United States	Maine PCS LLC
311730	311	730	United States	Proximiti Mobility Inc
311740	311	740	United States	Telalaska Cellular
311750	311	750	United States	NetAmerica Alliance LLC
311760	311	760	United States	Edigen Inc
311770	311	770	United States	Radio Mobile Access Inc
311800	311	800	United States	Bluegrass Wireless LLC (Cumberland Cellular Partnership, Kentucky RSA)
311810	311	810	United States	Bluegrass Wireless LLC (Cumberland Cellular Partnership, Kentucky RSA)
311820	311	820	United States	Kineto Wireless Inc
311830	311	830	United States	Thumb Cellular Limited Partnership
311840	311	840	United States	Nsight Spectrum LLC
311850	311	850	United States	Nsight Spectrum LLC
311860	311	860	United States	Uintah Basin Electronics Telecommunications Inc.
311870	311	870	United States	Sprint Spectrum
311880	311	880	United States	Sprint Spectrum
311890	311	890	United States	Globecom Network Services Corporation
311900	311	900	United States	Gigsky inc
311910	311	910	United States	SI Wireless LLC
311920	311	920	United States	Missouri RSA No 5 Partnership
311940	311	940	United States	Clearwire Corporation
311950	311	950	United States	Sunman Telecommunications corp.
311960	311	960	United States	Lycamobile USA Inc
311970	311	970	United States	Big River Broadband LLC
311980	311	980	United States	LigTel Communications

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311990	311	990	United States	VTel Wireless		
312010	312	10	United States	Missouri RSA No 5 Partnership / Charlton Valley Communication Corporation Inc		
312020	312	20	United States	Infrastructure Networks LLC		
312030	312	30	United States	Cross Wireless Telephone Co.		
312040	312	40	United States	Custer Telephone Cooperative Inc.		
312050	312	50	United States	Fuego Wireless LLC		
312060	312	60	United States	CoverageCo		
312070	312	70	United States	Adams Networks Inc		
312080	312	80	United States	South Georgia Regional Information Technology Authority		
312090	312	90	United States	Allied Wireless Communications Corporation		
312100	312	100	United States	ClearSky Technologies Inc		
312110	312	110	United States	Texas Energy Network LLC		
312120	312	120	United States	East Kentucky Network LLC (Bluegrass Wireless / Appalacian Wireless)		
312130	312	130	United States	East Kentucky Network LLC (Bluegrass Wireless / Appalacian Wireless)		
312140	312	140	United States	Cleveland Unlimited Inc		
312150	312	150	United States	Northwest Cell		
312160	312	160	United States	RSA 1 Limited Partnership		
312170	312	170	United States	Iowa RSA No. 2 Limited Partnership		
312180	312	180	United States	Keystone Wireless LLC		
312190	312	190	United States	Sprint Spectrum / Sprint-Nextel Communications Inc.		
312200	312	200	United States	Voyager Mobility LLC		
312220	312	220	United States	Missouri RSA No 5 Partnership		
312230	312	230	United States	North Dakota Network Company		
312270	312	270	United States	Cellular Network Partnership LLC		
312280	312	280	United States	Cellular Network Partnership LLC		
312290	312	290	United States	Uintah Basin Electronics Telecommunications Inc.		
312380	312	380	United States			
313100	313	100	United States	Assigned to public safety		
316010	316	10	United States	Sprint Spectrum / Nextel / NII Holdings		
316011	316	11	United States	Southern Communications Services Inc.		
376350	376	350	United States Virgin Islands	Cable & Wireless (Turks & Caicos)		
376352	376	352	United States Virgin Islands	IslandCom		
37650	376	50	United States Virgin Islands	Digicel		
74800	748	0	Uruguay	Ancel - TDMA		
74801	748	1	Uruguay	Ancel/Antel		
74803	748	3	Uruguay	Ancel/Antel		

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74807	748	7	Uruguay	MOVISTAR (telephonica Moviles)
74810	748	10	Uruguay	Claro / AM Wireless / CTI Movil
43401	434	1	Uzbekistan	Buztel
43402	434	2	Uzbekistan	Uzmacom
43404	434	4	Uzbekistan	Bee Line/Unitel
43405	434	5	Uzbekistan	Ucell/Coscom
43406	434	6	Uzbekistan	Perfectum Mobile / Rubion wireless Communication
43407	434	7	Uzbekistan	MTS/Uzdunrobita
54101	541	1	Vanuatu	SMILE
54105	541	5	Vanuatu	DigiCel
73401	734	1	Venezuela	DigiTel C.A.
73402	734	2	Venezuela	DigiTel C.A.
73403	734	3	Venezuela	DigiTel C.A.
73404	734	4	Venezuela	Movistar/TelCel
73406	734	6	Venezuela	Movilnet C.A.
45201	452	1	Vietnam	Mobifone
45202	452	2	Vietnam	Vinaphone
45203	452	3	Vietnam	S-Fone/Telecom
45204	452	4	Vietnam	Viettel Mobile
45205	452	5	Vietnam	VietnaMobile
45206	452	6	Vietnam	Viettel Mobile (formerly EVNTelecom)
45207	452	7	Vietnam	Gmobile (formerly Beeline)
45208	452	8	Vietnam	Viettel Mobile (formerly EVNTelecom)
42101	421	1	Yemen	Sabaphone
42102	421	2	Yemen	MTN/Spacetel
42103	421	3	Yemen	Yemen Mob. CDMA
42104	421	4	Yemen	HITS/Y Unitel
64501	645	1	Zambia	Zain/Celtel
64502	645	2	Zambia	MTN/Telecel
64503	645	3	Zambia	Cell Z/MTS/Zamtel
64801	648	1	Zimbabwe	Net One
64803	648	3	Zimbabwe	Telecel
64804	648	4	Zimbabwe	Econet
4				

MCCMNCs v2.csv (/hc/en-us/article_attachments/206752938/MCCMNCs_v2.csv) (100 KB)

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<u>//hc/en-us/signin?return_to=https%3A%2F%2Fclients.txtnation.com%2Fhc%2Fen-us%2Farticles%2F2187/19768-MCCMNC-mobile-country-code-and-mobile-network-code-list-}</u>

| ₱ (/hc/en-us/signin?return_to=https%3A%2F%2Fclients.txtnation.com%2Fhc%2Fen-us%2Farticles%2F2187/19768-MCCMNC-mobile-country-code-and-mobile-network-code-list-}

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Comments 🗨



txtNation Support

August 27, 2015 17:39

There are a number of ways using Excel or Google Sheets (https://txtnation.zendesk.com/entries/95625347-Sending-SMS-from-Google-Sheets-Excel-and-other-spreadsheets) to display the corresponding network name once you have the MCCMNC, or just the MNC if you are performing lookups in only one country.

You could use a V-Lookup table, or you could use a formula such as

=INDEX[("BT group","Vectone by Mundio Mobile (MNVO under EE, formerly Orange/T-Mobile)","O2 (Telefonica)","Jersey Airtel/Vodafone","FMS Solutions","COLT Mobile Telecommunications Limited","Internet Computer Bureau Ltd","Vodafone (Cable and Wireless)","BT OnePhone","Tismi","O2 (Telefonica)","O2 (Telefonica)","Railtrack Plc (Network Rail Infrastructure Ltd)","Railtrack Plc (Network Rail Infrastructure Ltd)","Pailtrack Plc (Network Rail Infrastructure Ltd)","Jersey Airtel/Vodafone (Network Rail Infrastructure Ltd)","International Science Plc (Network Rail Infrastructure Ltd)","Solutions Plc (Network Rail Infrastructure Ltd)","Jersey Airtel/Vodafone (Network Rail Infrastructure Ltd)", Network Rail Infrastructure Ltd,", Lerce Science Plc (Network Rail Infrastructure Ltd), Network Rail Infrastructure Ltd, Network Rail Infrastructure Ltd,

("00","01","02","03","04","05","06","07","08","09","10","11","12","13","14","15","16","17","18","19","20","21","22","23","24","25","26","27","28","29","30","31","32","33","34","35","36","37","38","39","50","51","52","53","54", "55","56","57","58","75","76","77","78","86","91","92","94","95","99","))

Each position of the descriptive word (networks) represents the position of the numeric reference.

Once pasted in the cell don't just press ENTER, you must press CTRL, SHIFT and ENTER at the same time

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Lilantha Lakmal

Thax you for this information. This is very helpful to me

January 28, 2016 11:42

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Related articles

- MSISDN, Number in international format number, Internationally formatted number. (/hc/en-us/related/click?

 data=BAh7CjobZGVzdGiuYXRpb25fYXJ0aWNsZV9pZGkE0EkJDToYcmVmZXJyZXJfYXJ0aWNsZV9pZGkEGGYJDToLbG9jYWxlSSlKZW4tdXMGOgZFVDoldXJsSSJwL2hjL2VuLXVzL2FydGljbGVzLzlxODcxV-d965388ef2117947e70cc873f6ed7eeae4fb7540)
- API's SMSC HTTP API Mobile Messaging (/hc/en-us/related/click?

 data=BAh7CjobZGVzdGluYXRpb25fYXJ0aWNsZV9pZGkESmYJDToYcmVmZXJyZXJfYXJ0aWNsZV9pZGkEGGYJDToLbG9jYWxlSSlKZW4tdXMGOgZFVDoldXJsSSJGL2hjL2VuLXVzL2FydGljbGVzLzlxODcxC

 -cea0d96d4a0613da9e6edb4daa375b018581faf9)

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