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Mobile country code

The ITU-T Recommendation E.212 defines mobile country codes (MCC) as well as mobile network codes (MNC).

Overview

The mobile country code consists of three decimal digits and the mobile network code consists of two or three decimal digits (for example: MNC of 001 is not the same as MNC of 01). The first digit of the mobile country code identifies the geographic region as follows (the digits 1 and 8 are not used):

- 0: Test networks
- 2: Europe
- 3: North America and the Caribbean
- 4: Asia and the Middle East
- 5: Australia and Oceania
- 6: Africa
- 7: South and Central America
- 9: Worldwide (Satellite, Air—aboard aircraft, Maritime—aboard ships, Antarctica)

An MCC is used in combination with an MNC (a combination known as an "MCC/MNC tuple") to uniquely identify a mobile network operator (carrier) using the GSM (including GSM-R), UMTS, LTE, and 5G public land mobile networks. Some but not all CDMA, iDEN, and satellite mobile networks are identified with an MCC/MNC tuple as well. For WiMAX networks, a globally unique Broadband Operator ID can be derived from the MCC/MNC tuple.[1] TETRA networks use the mobile country code from ITU-T Recommendation E.212 together with a 10-bit binary mobile network code. However, a TETRA network may be assigned an E.212 network code as well. Some network operators do not have their own radio access network at all. These are called mobile virtual network operators (MVNO) and are marked in the tables as such. Note that MVNOs without their own MCC/MNC (that is, they share the MCC/MNC of their host network) are not listed here.

The following tables attempt to provide a complete list of mobile network operators. Country information, including ISO 3166-1 alpha-2 country codes is provided for completeness. Mostly for historical reasons, one E.212 MCC may correspond to multiple ISO country codes (e.g. MCC 362 corresponds to BQ, CW, and SX). Some operators also choose to use an MCC outside the geographic area that it was assigned to (e.g. Digicel uses the Jamaica MCC throughout the Caribbean). ITU-T updates an official list of mobile network codes in its Operational Bulletins which are published twice a month.[2] ITU-T also publishes complete lists: as of January 2019 list issued on 15 December 2018 was current, having all MCC/MNC before 15 December 2018.[3] Unfortunately, the official list is often incomplete as national MNC Authorities do not forward changes to the ITU in a timely manner. The official list does not provide additional details such as bands and technologies and may not list disputed territories such as Abkhazia or Kosovo.

Contents

Test networks

MCC	MNC	Brand	Operator	Status	Bands (MHz)	References and notes
001	01	TEST	Test Network	Operational	any	
001	001	TEST	Test Network	Operational	any	
999	99		Internal use	Operational	any	Internal use in private networks, no roaming[4]
999	999		Internal use	Operational	any	Internal use in private networks, no roaming[4]

National operators

Countries and territories
A · B · C · D · E · F · G · H · I · J · K · L · M · N · O · P · Q · R · S · T · U · V · W · X · Y · Z

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
289	Abkhazia	GE-AB	List of Mobile Network Codes in Abkhasia	MCC is not listed by ITU
412	Afghanistan	AF	List of Mobile Network Codes in Afghanistan	
276	Albania	AL	List of Mobile Network Codes in Albania	
603	Algeria	DZ	List of Mobile Network Codes in Algeria	
544	American Samoa (United States of America)	AS	List of Mobile Network Codes in American Samoa	
213	Andorra	AD	List of Mobile Network Codes in Andorra	
631	Angola	AO	List of Mobile Network Codes in Angola	
365	Anguilla (United Kingdom)	AI	List of Mobile Network Codes in Anguilla	
344	Antigua and Barbuda	AG	List of Mobile Network Codes in Antigua and Barbuda	
722	Argentina	AR	List of Mobile Network Codes in Argentina	
283	Armenia	AM	List of Mobile Network Codes in Armenia	
363	Aruba	AW	List of Mobile Network Codes in Aruba	
505	Australia	AU	List of Mobile Network Codes in Australia	
232	Austria	AT	List of Mobile Network Codes in Austria	
400	Azerbaijan	AZ	List of Mobile Network Codes in Azerbaijan	
364	Bahamas	BS	List of Mobile Network Codes in Bahamas	
426	Bahrain	BH	List of Mobile Network Codes in Bahrain	
470	Bangladesh	BD	List of Mobile Network Codes in Bangladesh	
342	Barbados	BB	List of Mobile Network Codes in Barbados	
257	Belarus	BY	List of Mobile Network Codes in Belarus	
206	Belgium	BE	List of Mobile Network Codes in Belgium	
702	Belize	BZ	List of Mobile Network Codes in Belize	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
616	Benin	BJ	List of Mobile Network Codes in Benin	
350	Bermuda	BM	List of Mobile Network Codes in Bermuda	
402	Bhutan	BT	List of Mobile Network Codes in Bhutan	
736	Bolivia	BO	List of Mobile Network Codes in Bolivia	
362	Bonaire, Sint Eustatius and Saba	BQ	List of Mobile Network Codes in the former Netherlands Antilles	
218	Bosnia and Herzegovina	BA	List of Mobile Network Codes in Bosnia and Herzegovina	
652	Botswana	BW	List of Mobile Network Codes in Botswana	
724	Brazil	BR	List of Mobile Network Codes in Brazil	
995	British Indian Ocean Territory (United Kingdom)	IO	List of Mobile Networks in the British Indian Ocean Territory	MCC is not listed by ITU
348	British Virgin Islands (United Kingdom)	VG	List of Mobile Network Codes in the British Virgin Islands	
528	Brunei	BN	List of Mobile Network Codes in Brunei	
284	Bulgaria	BG	List of Mobile Network Codes in Bulgaria	
613	Burkina Faso	BF	List of Mobile Network Codes in Burkina Faso	
642	Burundi	BI	List of Mobile Network Codes in Burundi	
456	Cambodia	KH	List of Mobile Network Codes in Cambodia	
624	Cameroon	CM	List of Mobile Network Codes in Cameroon	
302	Canada	CA	List of Mobile Network Codes in Canada	
625	Cape Verde	CV	List of Mobile Network Codes in Cape Verde	
346	Cayman Islands (United Kingdom)	KY	List of Mobile Network Codes in the Cayman Islands	
623	Central African Republic	CF	List of Mobile Network Codes in the Central African Republic	
622	Chad	TD	List of Mobile Network Codes in Chad	
730	Chile	CL	List of Mobile Network Codes in Chile	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
460	China	CN	List of Mobile Network Codes in China	
461			no networks yet	
732	Colombia	CO	List of Mobile Network Codes in Colombia	
654	Comoros	KM	List of Mobile Network Codes in Comoros	
629	Congo	CG	List of Mobile Network Codes in Congo	
548	Cook Islands (Pacific Ocean)	CK	List of Mobile Network Codes in the Cook Islands	
712	Costa Rica	CR	List of Mobile Network Codes in Costa Rica	
219	Croatia	HR	List of Mobile Network Codes in Croatia	
368	Cuba	CU	List of Mobile Network Codes in Cuba	
362	Curaçao	CW	List of Mobile Network Codes in the former Netherlands Antilles	
280	Cyprus	CY	List of Mobile Network Codes in Cyprus	
230	Czech Republic	CZ	List of Mobile Network Codes in the Czech Republic	
630	Democratic Republic of the Congo	CD	List of Mobile Network Codes in the Democratic Republic of the Congo	
238	Denmark (Kingdom of Denmark)	DK	List of Mobile Network Codes in Denmark	
638	Djibouti	DJ	List of Mobile Network Codes in Djibouti	
366	Dominica	DM	List of Mobile Network Codes in Dominica	
370	Dominican Republic	DO	List of Mobile Network Codes in the Dominican Republic	
514	East Timor	TL	List of Mobile Network Codes in East Timor	
740	Ecuador	EC	List of Mobile Network Codes in Ecuador	
602	Egypt	EG	List of Mobile Network Codes in Egypt	
706	El Salvador	SV	List of Mobile Network Codes in El Salvador	
627	Equatorial Guinea	GQ	List of Mobile Network Codes in Equatorial Guinea	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
657	Eritrea	ER	List of Mobile Network Codes in Eritrea	
248	Estonia	EE	List of Mobile Network Codes in Estonia	
636	Ethiopia	ET	List of Mobile Network Codes in Ethiopia	
750	Falkland Islands (United Kingdom)	FK	List of Mobile Network Codes in the Falkland Islands	
288	Faroe Islands (Kingdom of Denmark)	FO	List of Mobile Network Codes in the Faroe Islands	
542	Fiji	FJ	List of Mobile Network Codes in Fiji	
244	Finland	FI	List of Mobile Network Codes in Finland	
208	France	FR	List of Mobile Network Codes in France	
742	French Guiana (France)	GF	List of Mobile Network Codes in the French Antilles	French Guinana shares MCC 340 instead of using the assigned MCC 742
647	French Indian Ocean Territories (France)	RE	List of Mobile Network Codes in the French Indian Ocean Territories	
		YT		
547	French Polynesia (France)	PF	List of Mobile Network Codes in French Polynesia	
628	Gabon	GA	List of Mobile Network Codes in Gabon	
607	Gambia	GM	List of Mobile Network Codes in Gambia	
282	Georgia	GE	List of Mobile Network Codes in Georgia	
262	Germany	DE	List of Mobile Network Codes in Germany	
620	Ghana	GH	List of Mobile Network Codes in Ghana	
266	Gibraltar (United Kingdom)	GI	List of Mobile Network Codes in Gibraltar	
202	Greece	GR	List of Mobile Network Codes in Greece	
290	Greenland (Kingdom of Denmark)	GL	List of Mobile Network Codes in Greenland	
352	Grenada	GD	List of Mobile Network Codes in Grenada	
340	Guadeloupe (France)	GP	List of Mobile Network Codes in the French Antilles	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
310	Guam (United States of America)	GU	List of Mobile Network Codes in Guam	
311				
704	Guatemala	GT	List of Mobile Network Codes in Guatemala	
234	Guernsey (United Kingdom)	GG	List of Mobile Network Codes in Guernsey	
611	Guinea	GN	List of Mobile Network Codes in Guinea	
632	Guinea-Bissau	GW	List of Mobile Network Codes in Guinea-Bissau	
738	Guyana	GY	List of Mobile Network Codes in Guyana	
372	Haiti	HT	List of Mobile Network Codes in Haiti	
708	Honduras	HN	List of Mobile Network Codes in Honduras	
454	Hong Kong	HK	List of Mobile Network Codes in Hong Kong	
216	Hungary	HU	List of Mobile Network Codes in Hungary	
274	Iceland	IS	List of Mobile Network Codes in Iceland	
404	India	IN	List of Mobile Network Codes in India	
405			List of Mobile Network Codes in India	
406			no networks yet	
510	Indonesia	ID	List of Mobile Network Codes in Indonesia	
432	Iran	IR	List of Mobile Network Codes in Iran	
418	Iraq	IQ	List of Mobile Network Codes in Iraq	
272	Ireland	IE	List of Mobile Network Codes in Ireland	
234	Isle of Man (United Kingdom)	IM	List of Mobile Network Codes in the Isle of Man	
425	Israel	IL	List of Mobile Network Codes in Israel	
222	Italy	IT	List of Mobile Network Codes in Italy	
612	Ivory Coast	CI	List of Mobile Network Codes in Ivory Coast	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
338	Jamaica	JM	List of Mobile Network Codes in Jamaica	
440	Japan	JP	List of Mobile Network Codes in Japan	
441			List of Mobile Network Codes in Japan	
234	Jersey (United Kingdom)	JE	List of Mobile Network Codes in Jersey	
416	Jordan	JO	List of Mobile Network Codes in Jordan	
401	Kazakhstan	KZ	List of Mobile Network Codes in Kazakhstan	
639	Kenya	KE	List of Mobile Network Codes in Kenya	
545	Kiribati	KI	List of Mobile Network Codes in Kiribati	
467	Korea, North	KP	List of Mobile Network Codes in North Korea	
450	Korea, South	KR	List of Mobile Network Codes in South Korea	
221	Kosovo	XK	List of Mobile Network Codes in Kosovo	
419	Kuwait	KW	List of Mobile Network Codes in Kuwait	
437	Kyrgyzstan	KG	List of Mobile Network Codes in Kyrgyzstan	
457	Laos	LA	List of Mobile Network Codes in Laos	
247	Latvia	LV	List of Mobile Network Codes in Latvia	
415	Lebanon	LB	List of Mobile Network Codes in Lebanon	
651	Lesotho	LS	List of Mobile Network Codes in Lesotho	
618	Liberia	LR	List of Mobile Network Codes in Liberia	
606	Libya	LY	List of Mobile Network Codes in Libya	
295	Liechtenstein	LI	List of Mobile Network Codes in Liechtenstein	
246	Lithuania	LT	List of Mobile Network Codes in Lithuania	
270	Luxembourg	LU	List of Mobile Network Codes in Luxembourg	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
455	Macau (People's Republic of China)	MO	List of Mobile Network Codes in Macau	
294	North Macedonia	MK	List of Mobile Network Codes in North Macedonia	
646	Madagascar	MG	List of Mobile Network Codes in Madagascar	
650	Malawi	MW	List of Mobile Network Codes in Malawi	
502	Malaysia	MY	List of Mobile Network Codes in Malaysia	
472	Maldives	MV	List of Mobile Network Codes in the Maldives	
610	Mali	ML	List of Mobile Network Codes in Mali	
278	Malta	MT	List of Mobile Network Codes in Malta	
551	Marshall Islands	MH	List of Mobile Network Codes in the Marshall Islands	
340	Martinique (France)	MQ	List of Mobile Network Codes in the French Antilles	
609	Mauritania	MR	List of Mobile Network Codes in Mauritania	
617	Mauritius	MU	List of Mobile Network Codes in Mauritius	
334	Mexico	MX	List of Mobile Network Codes in Mexico	
550	Micronesia, Federated States of	FM	List of Mobile Network Codes in the Federated States of Micronesia	
259	Moldova	MD	List of Mobile Network Codes in Moldova	
212	Monaco	MC	List of Mobile Network Codes in Monaco	
428	Mongolia	MN	List of Mobile Network Codes in Mongolia	
297	Montenegro	ME	List of Mobile Network Codes in Montenegro	
354	Montserrat (United Kingdom)	MS	List of Mobile Network Codes in Montserrat	
604	Morocco	MA	List of Mobile Network Codes in Morocco	
643	Mozambique	MZ	List of Mobile Network Codes in Mozambique	
414	Myanmar	MM	List of Mobile Network Codes in Myanmar	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
649	Namibia	NA	List of Mobile Network Codes in Namibia	
536	Nauru	NR	List of Mobile Network Codes in Nauru	
429	Nepal	NP	List of Mobile Network Codes in Nepal	
204	Netherlands (Kingdom of the Netherlands)	NL	List of Mobile Network Codes in the Netherlands	
546	New Caledonia	NC	List of Mobile Network Codes in New Caledonia	
530	New Zealand	NZ	List of Mobile Network Codes in New Zealand	
710	Nicaragua	NI	List of Mobile Network Codes in Nicaragua	
614	Niger	NE	List of Mobile Network Codes in Niger	
621	Nigeria	NG	List of Mobile Network Codes in Nigeria	
555	Niue	NU	List of Mobile Network Codes in Niue	
505	Norfolk Island	NF	List of Mobile Network Codes in Norfolk Island	
310	Northern Mariana Islands (United States of America)	MP	List of Mobile Network Codes in the Northern Mariana Islands	
242	Norway	NO	List of Mobile Network Codes in Norway	
422	Oman	OM	List of Mobile Network Codes in Oman	
410	Pakistan	PK	List of Mobile Network Codes in Pakistan	
552	Palau	PW	List of Mobile Network Codes in Palau	
425	Palestine	PS	List of Mobile Network Codes in Palestine	Uses the MCC of Israel
714	Panama	PA	List of Mobile Network Codes in Panama	
537	Papua New Guinea	PG	List of Mobile Network Codes in Papua New Guinea	
744	Paraguay	PY	List of Mobile Network Codes in Paraguay	
716	Peru	PE	List of Mobile Network Codes in Peru	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
515	Philippines	PH	List of Mobile Network Codes in the Philippines	
260	Poland	PL	List of Mobile Network Codes in Poland	
268	Portugal	PT	List of Mobile Network Codes in Portugal	
330	Puerto Rico	PR	List of Mobile Network Codes in Puerto Rico	
427	Qatar	QA	List of Mobile Network Codes in Qatar	
226	Romania	RO	List of Mobile Network Codes in Romania	
250	Russian Federation	RU	List of Mobile Network Codes in the Russian Federation	
635	Rwanda	RW	List of Mobile Network Codes in Rwanda	
340	Saint Barthélemy (France)	BL	List of Mobile Network Codes in the French Antilles	
658	Saint Helena, Ascension and Tristan da Cunha	SH	List of Mobile Network Codes in Saint Helena, Ascension and Tristan da Cunha	
356	Saint Kitts and Nevis	KN	List of Mobile Network Codes in Saint Kitts and Nevis	
358	Saint Lucia	LC	List of Mobile Network Codes in Saint Lucia	
340	Saint Martin (France)	MF	List of Mobile Network Codes in the French Antilles	
308	Saint Pierre and Miquelon	PM	List of Mobile Network Codes in Saint Pierre and Miquelon	
360	Saint Vincent and the Grenadines	VC	List of Mobile Network Codes in Saint Vincent and the Grenadines	
549	Samoa	WS	List of Mobile Network Codes in Samoa	
292	San Marino	SM	List of Mobile Network Codes in San Marino	
626	Sao Tome and Principe	ST	List of Mobile Network Codes in Sao Tome and Principe	
420	Saudi Arabia	SA	List of Mobile Network Codes in Saudi Arabia	
608	Senegal	SN	List of Mobile Network Codes in Senegal	
220	Serbia	RS	List of Mobile Network Codes in Serbia	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
633	Seychelles	SC	List of Mobile Network Codes in the Seychelles	
619	Sierra Leone	SL	List of Mobile Network Codes in Sierra Leone	
525	Singapore	SG	List of Mobile Network Codes in Singapore	
362	Sint Maarten	SX	List of Mobile Network Codes in the former Netherlands Antilles	
231	Slovakia	SK	List of Mobile Network Codes in Slovakia	
293	Slovenia	SI	List of Mobile Network Codes in Slovenia	
540	Solomon Islands	SB	List of Mobile Network Codes in the Solomon Islands	
637	Somalia	SO	List of Mobile Network Codes in Somalia	
655	South Africa	ZA	List of Mobile Network Codes in South Africa	
659	South Sudan	SS	List of Mobile Network Codes in South Sudan	
214	Spain	ES	List of Mobile Network Codes in Spain	
413	Sri Lanka	LK	List of Mobile Network Codes in Sri Lanka	
634	Sudan	SD	List of Mobile Network Codes in Sudan	
746	Suriname	SR	List of Mobile Network Codes in Suriname	
653	Swaziland	SZ	List of Mobile Network Codes in Swaziland	
240	Sweden	SE	List of Mobile Network Codes in Sweden	
228	Switzerland	CH	List of Mobile Network Codes in Switzerland	
417	Syria	SY	List of Mobile Network Codes in Syria	
466	Taiwan	TW	List of Mobile Network Codes in Taiwan	
436	Tajikistan	TJ	List of Mobile Network Codes in Tajikistan	
640	Tanzania	TZ	List of Mobile Network Codes in Tanzania	
520	Thailand	TH	List of Mobile Network Codes in Thailand	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
615	Togo	TG	List of Mobile Network Codes in Togo	
554	Tokelau	TK	List of Mobile Network Codes in Tokelau	
539	Tonga	TO	List of Mobile Network Codes in Tonga	
374	Trinidad and Tobago	TT	List of Mobile Network Codes in Trinidad and Tobago	
605	Tunisia	TN	List of Mobile Network Codes in Tunisia	
286	Turkey	TR	List of Mobile Network Codes in Turkey	
438	Turkmenistan	TM	List of Mobile Network Codes in Turkmenistan	
376	Turks and Caicos Islands	TC	List of Mobile Network Codes in the Turks and Caicos Islands	
553	Tuvalu	TV	List of Mobile Network Codes in Tuvalu	
641	Uganda	UG	List of Mobile Network Codes in Uganda	
255	Ukraine	UA	List of Mobile Network Codes in Ukraine	
424	United Arab Emirates	AE	List of Mobile Network Codes in the United Arab Emirates	
430	United Arab Emirates (Abu Dhabi)	AE	no networks yet	
431	United Arab Emirates (Dubai)	AE	no networks yet	
234	United Kingdom	GB	List of Mobile Network Codes in the United Kingdom	
235			List of Mobile Network Codes in the United Kingdom	
310	United States of America	US	List of Mobile Network Codes in the United States of America	
311			List of Mobile Network Codes in the United States of America	
312			List of Mobile Network Codes in the United States of America	
313			List of Mobile Network Codes in the United States of America	
314			List of Mobile Network Codes in the United States of America	
315			List of Mobile Network Codes in the United States of America	

Mobile Country Code	Country	ISO 3166	Mobile Network Codes	Remarks
316			List of Mobile Network Codes in the United States of America	
332	United States Virgin Islands	VI	List of Mobile Network Codes in the United States of America	The US Virgin Islands share the US MCCs instead of using the assigned MCC 332
748	Uruguay	UY	List of Mobile Network Codes in Uruguay	
434	Uzbekistan	UZ	List of Mobile Network Codes in the Uzbekistan	
541	Vanuatu	VU	List of Mobile Network Codes in Vanuatu	
734	Venezuela	VE	List of Mobile Network Codes in Venezuela	
452	Vietnam	VN	List of Mobile Network Codes in the Vietnam	
543	Wallis and Futuna	WF	List of Mobile Network Codes in Wallis and Futuna	
421	Yemen	YE	List of Mobile Network Codes in the Yemen	
645	Zambia	ZM	List of Mobile Network Codes in Zambia	
648	Zimbabwe	ZW	List of Mobile Network Codes in Zimbabwe	

International operators

MCC	MNC	Brand	Operator	Status	Bands (MHz)	References and notes
901	01	ICO	ICO Satellite Management	Not operational	Satellite	MNC withdrawn[5]
901	02		*Unassigned*	Returned spare	Unknown	Formerly: Sense Communications International
901	03	Iridium		Operational	Satellite	
901	04		*Unassigned*	Returned spare	Satellite	Formerly: Globalstar
901	05		Thuraya RMSS Network	Operational	Satellite	
901	06		Thuraya Satellite Telecommunications Company	Operational	Satellite	
901	07		*Unassigned*	Returned spare	Unknown	Formerly: Ellipso
901	08		*Unassigned*	Returned spare	Unknown	Formerly: GSM, reserved for station identification where the mobile does not have a subscription IMSI
901	09		*Unassigned*	Returned spare	Unknown	Formerly: Tele1 Europe
901	10	ACeS		Not operational	Satellite	MNC withdrawn[5]
901	11	Inmarsat		Operational	Satellite	
901	12	Telenor	Telenor Maritime AS (http://telenormaritime.com)	Operational	GSM 1800 / LTE 800	Maritime; formerly Maritime Communications Partner (MCP)
901	13	GSM.AQ (https://web.archive.org/web/20040806020023/http://gsm.aq/)	BebbiCell AG	Operational	GSM 1800	Antarctica +88234 Network; formerly Global Networks Switzerland Inc.
901	14	AeroMobile	AeroMobile AS (http://www.aeromobile.net/)	Operational	GSM 1800	Air [6][7]
901	15	OnAir	OnAir Switzerland Sarl (http://www.onair.aero/)	Operational	GSM 1800	Air
901	16	Cisco Jasper	Cisco Systems, Inc.	Operational	Unknown	[8]
901	17	Navitas	JT Group Limited	Not operational	GSM 1800	Maritime; shut down in 2009
901	18	Cellular @Sea	AT&T Mobility	Operational	GSM 900 / GSM 1900 / CDMA2000 1900 / UMTS 1900	Maritime [1] (http://www.wmsatsea.com/)

901	19		Vodafone Malta Maritime	Operational	GSM 900 / GSM 1800 / UMTS 2100	Maritime [9]
901	20		Intermatica	Unknown	Unknown	
901	21		Wins Limited	Operational	GSM 1800	Maritime; formerly Seanet Maritime Communications [10][7]
901	22		MediaLincc Ltd	Unknown	Unknown	
901	23		*Unassigned*	Returned spare	Unknown	Formerly: Beeline
901	24	iNum	Voxbone	Unknown	Unknown	+883 iNum [11]
901	25		*Unassigned*	Returned spare	Unknown	Formerly: In & phone
901	26	TIM@sea	Telecom Italia Mobile	Operational	GSM 1800 / GSM 1900	Maritime [12]
901	27	OnMarine	Monaco Telecom	Operational	GSM 1800	Maritime[13][7]
901	28	Vodafone	GDSP (Vodafone's Global Data Service Platform)	Operational	Roaming SIM	
901	29	Telenor		Unknown	Unknown	
901	30		*Unassigned*	Returned spare	Unknown	Formerly: Terrestar Networks
901	31	Orange	Orange S.A.	Operational	GSM 900	
901	32	Sky High	MegaFon	Operational	GSM 900	Air (Aeroflot)
901	33		Smart Communications	Unknown	Unknown	
901	34		tyntec GmbH	Unknown	MVNO	
901	35		Globecomm Network Services	Operational	GSM 850	Maritime [7]
901	36		Azerfon	Operational	GSM 1800	Air
901	37		Transatel	Operational	MVNO	[14] Global SIM for Data Mobile Broadband and M2M
901	38		Multiregional TransitTelecom (MTT)	Operational	MVNO	[10]
901	39		MTX Connect Ltd (http://www.mtxc.eu/)	Operational	MVNO	[15]
901	40	1nce GmbH	Deutsche Telekom AG	Operational	MVNO	[16]
901	41		BodyTrace Netherlands B.V. (http://www.bodytrace.com/)	Operational	MVNO	[17]
901	42		DCN Hub ehf	Unknown	Unknown	[18]
901	43		EMnify GmbH (https://www.emnify.com/)	Operational	MVNO	[19]

901	44		AT&T Inc.	Unknown	Unknown	[20]
901	45		Advanced Wireless Network Company Limited (http://www.awn.co.th/en/)	Unknown	Unknown	subsidiary of Advanced Info Service [21]
901	46		Telecom26 AG (http://www.telecom26.ch/)	Operational	MVNO	[22][11]
901	47		Ooredoo	Unknown	Unknown	[23]
901	48	Com4	Communication for Devices in Sweden AB	Unknown	Unknown	[24][25]
901	49		Zain Kuwait	Unknown	Unknown	[5]
901	50		EchoStar Mobile	Unknown	Satellite	Also listed as Sawatch Limited[26]
901	51		VisionNG (https://web.archive.org/web/20071011025024/http://www.visionng.com/)	Unknown	Unknown	[27]
901	52		Manx Telecom Trading Ltd.	Unknown	Unknown	[28]
901	53		Deutsche Telekom AG	Operational	Satellite	[29]
901	54		Teleena Holding B.V.	Unknown	Unknown	[30]
901	55		Beezz Communication Solutions Ltd.	Unknown	Unknown	[8]
901	56	ETSI	European Telecommunications Standards Institute	Unknown	Unknown	[31]
901	57		SAP	Unknown	Unknown	[32]
901	58	BICS	Belgacom ICS SA	Unknown	Unknown	[33]
901	59		MessageBird B.V.	Unknown	Unknown	[34]
901	60		OneWeb	Unknown	Unknown	[34]
901	61		MTN Management Services	Unknown	Unknown	[35]
901	62		Twilio Inc.	Operational	Unknown	[36]
901	63		GloTel B.V.	Unknown	Unknown	[36]
901	64		Syniverse Technologies, LLC	Unknown	Unknown	[36]
901	65		Plintron Global Technology Solutions Pty Ltd (http://www.plintron.com/)	Unknown	MVNO	[37]
901	66		Limitless Mobile LLC	Unknown	Unknown	[37]
901	67		1NCE GmbH (https://1nce.com/)	Operational	MVNO	IoT solutions[38]
901	68		Maersk Line A/S	Unknown	Unknown	[38]
901	88		UN Office for the	Unknown	Unknown	

			Coordination of Humanitarian Affairs (OCHA)			
902	01		MulteFire Allicance	Operational	LTE	[4]
991	01		World's Global Telecom	Unknown	Unknown	temporarily assigned until 14 January 2020[36]

British Indian Ocean Territory (United Kingdom) - IO

MCC	MNC	Brand	Operator	Status	Bands (MHz)	References and notes
995	01	FonePlus (http://www.sure.io/cellular1.htm)	Sure (Diego Garcia) Ltd	Operational	GSM 900	There appears to be no officially assigned MCC[7]

National MNC Authorities

- Austria: Rundfunk- und Telekom Regulierungs-GmbH (RTR-GmbH)[39]
- Bahamas: Utilities Regulation & Competition Authority (URCA)[40]
- Belgium: Belgian Institute for Postal services and Telecommunications (BIPT)[41]
- Bulgaria: Communications Regulation Commission (CRC)[42]
- Burundi: L'Agence de Régulation et de Contrôle des Télécommunications (ARCT)[43]
- Canada: Canadian Numbering Administrator [44]
- Colombia: Comisión de Regulación de Comunicaciones (CRC)[45]
- Croatia: Hrvatska agencija za poštu i elektronicke komunikacije (HAKOM)[46]
- Czech Republic: Czech Telecommunication Office / Český telekomunikační úřad (CTU)[47]
- Denmark: Danish Energy Agency / Energistyrelsen [48]
- El Salvador: Superintendencia General de Electricidad y Telecomunicaciones (SIGET)[49]
- Finnland: Finnish Transport and Communications Agency / Liikenne- ja viestintävirasto (TRAFICOM)[50]
- France: Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]
- French Guiana (France): Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]
- Germany: Federal Network Agency / Bundesnetzagentur (BNetzA)[52]
- Guadeloupe (France): Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]
- Guam (United States of America): IMSI Administrator[53]
- Guernsey (United Kingdom): Office of Communications (Ofcom)[54]
- Hungary: National Media and Infocommunications Authority / Nemzeti Média- és Hírközlési Hatóság (NMHH)[55]
- Iceland: Post and Telecom Administration / Póst- og fjarskiptastofnun (PFS)[56]
- Isle of Man (United Kingdom): Office of Communications (Ofcom)[54]
- Jersey (United Kingdom): Office of Communications (Ofcom)[54]
- Latvia: Public Utilities Commission / Sabiedrisko pakalpojumu regulēšanas komisija (SPRK)[57]
- Liechtenstein: Amt für Kommunikation (AK) [58]
- Lithuania: Communications Regulatory Authority / Ryšių Reguliavimo Tarnyba (RRT) [59]
- Malaysia: Malaysian Communications and Multimedia Commission / Suruhanjaya Komunikasi dan Multimedia Malaysia (SKMM)[60]
- Martinique (France): Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]

- Mexico: Instituto Federal de Telecomunicaciones[61]
- Nepal: Nepal Telecommunications Authority[62]
- Northern Mariana Islands (United States of America): IMSI Administrator[53]
- Norway: Norwegian Communications Authority[63] / Nasjonal kommunikasjonsmyndighet (NKOM)[64]
- Poland: Office of Electronic Communications / Urząd Komunikacji Elektronicznej (UKE)[65]
- Portugal: National Communications Authority / Autoridade Nacional de Comunicações (ANACOM)[66]
- Réunion (France): Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]
- Rwanda: Rwanda Utilities Regulatory Agency (RURA) / Agence Rwandaise de Régulation[67]
- Saint Pierre and Miquelon (France): Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)[51]
- Serbia: Regulatory Agency for Electronic Communications and Postal Services / Regulatorna agencija za elektronske komunikacije i poštanske usluge (RATEL)[68]
- Singapore: Info-communications Media Development Authority (IMDA)[69]
- Slovakia: Regulatory for Electronic Communications and Postal Services / Úrad pre reguláciu elektronických komunikácií a poštových služieb[70]
- Slovenia: Agency for communication networks and services / Agencija za komunikacijska omrežja in storitve (AKOS)[71]
- Sri Lanka: Telecommunications Regulatory Commission of Sri Lanka (TRCSL) (http://www.trc.gov.lk)
- Sweden: Swedish Post and Telecom Authority / Post- och telestyrelsen (PTS)[72]
- Switzerland: Federal Office of Communications / Office fédéral de la communication (OFCOM) / Bundesamt für Kommunikation (BAKOM) [73]
- Taiwan: National Communications Commission (NCC) [74]
- Tanzania: Tanzania Communications Regulatory Authority (TCRA)[75]
- Trinidad and Tobago : Telecommunications Authority of Trinidad and Tobago (TATT)
- Ukraine: National Commission for the State Regulation of Communications and Information (NKRZI)[76]
- United Kingdom: Office of Communications (Ofcom)[54]
- United States of America: IMSI Administrator[53]

See also

- Mobile Network Codes in ITU region 2xx (Europe)
- Mobile Network Codes in ITU region 3xx (North America)
- Mobile Network Codes in ITU region 4xx (Asia)
- Mobile Network Codes in ITU region 5xx (Oceania)
- Mobile Network Codes in ITU region 6xx (Africa)
- Mobile Network Codes in ITU region 7xx (South America)
- List of mobile network operators
- List of UMTS networks
- List of LTE networks
- LTE frequency bands
- List of 5G NR networks
- List of CDMA2000 networks
- List of iDEN networks
- List of WiMAX networks

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External links

- International Telecommunication Union list of MNCs: Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 December 2018) (https://www.itu.int/dms_pub/itu-t/opb/sp/T-SP-E.212B-2018-PDF-E.pdf)
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- PrePaidGSM.net - Up to date information on GSM mobile prepaid cards offered (http://www.prepaidgsm.net/), including MCC/MNC information
- Numberingplans.com (https://www.numberingplans.com/), International Numbering Plans
- 3G Cellular Router manufacturer Proxicast's downloadable list of over 900 worldwide CDMA/GSM/UMTS mobile networks (http://www.proxicast.com/support/cell-carriers.htm)

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