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Table of Contents

	<i>Page</i>
GENERAL INFORMATION	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99))	5
Telephone Service:	
<i>China (Ministry of Industry and Information Technology (MIIT), Beijing)</i>	6
<i>Denmark (Danish Energy Agency, Copenhagen)</i>	7
<i>Seychelles (Office of the President, Department of Information Communications Technology, Victoria)</i>	8
<i>Trinidad and Tobago (Telecommunications Authority of Trinidad and Tobago (TATT), Barataria)</i>	15
Service Restrictions	16
Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)	16
AMENDMENTS TO SERVICE PUBLICATIONS	
List of Ship Stations and Maritime Mobile Service Identity Assignments (List V)	17
List of International Monitoring Stations (List VIII)	18
List of Issuer Identifier Numbers for the International Telecommunication Charge Card	19
Mobile Network Codes (MNC)	21
List of Signalling Area/Network Codes (SANC)	22
List of International Signalling Point Codes (ISPC)	22
National Numbering Plan	23
Annex	
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)	

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1173	1.VI.2019	15.V.2019
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1175	1.VII.2019	14.VI.2019
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1183	1.XI.2019	15.X.2019
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1185	1.XII.2019	15.XI.2019
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GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

Note from TSB

A. The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

- 1162 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)
- 1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)
- 1154 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 15 August 2018)
- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (Position on 1 June 2017)
- 1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)
- 1117 List of mobile country or geographical area codes (Complement to Recommendation ITU-T E.212 (09/2016)) (Position on 1 February 2017).
- 1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU-T E.164 (11/2010)) (Position on 15 December 2016)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)
- 1096 Legal time 2016
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)
- 1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)
- 1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)
- 991 Call-Back and alternative calling procedures (Res. 21.PP-2006)
- 980 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 15 May 2011)
- 978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)
- 977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000))
- 976 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)
- 974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)
- 955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 May 2010)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

- | | |
|---|--|
| List of ITU Carrier Codes (ITU-T Rec. M.1400 (03/2013)) | www.itu.int/ITU-T/inr/icc/index.html |
| Bureaufax Table (ITU-T Rec. F.170) | www.itu.int/ITU-T/inr/bureaufax/index.html |
| List of recognized operating agencies (ROAs) | www.itu.int/ITU-T/inr/roa/index.html |

Approval of ITU-T Recommendations

By AAP-48, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

- ITU-T G.651.1 (11/2018): Characteristics of a 50/125 μm multimode graded index optical fibre cable for the optical access network
- ITU-T G.672 (11/2018): Characteristics of multi-degree reconfigurable optical add/drop multiplexers
- ITU-T G.698.2 (11/2018): Amplified multichannel dense wavelength division multiplexing applications with single channel optical interfaces
- ITU-T G.698.4 (2018) Cor. 1 (11/2018)
- ITU-T G.709.3/Y.1331.3 (2018) Amd. 1 (11/2018)
- ITU-T G.988 (2017) Amd. 1 (11/2018)
- ITU-T G.989.3 (2015) Amd. 2 (11/2018)
- ITU-T G.994.1 (11/2018): Handshake procedures for digital subscriber line transceivers
- ITU-T G.996.2 (11/2018): Single-ended line testing for digital subscriber lines (DSL)
- ITU-T G.998.2 (11/2018): Ethernet-based multi-pair bonding
- ITU-T G.998.4 (11/2018): Improved impulse noise protection for digital subscriber line (DSL) transceivers
- ITU-T G.7721 (11/2018): Management Requirement and Information Model for Synchronization
- ITU-T G.8011/Y.1307 (11/2018): Ethernet service characteristics
- ITU-T G.8013/Y.1731 (2015) Amd. 1 (11/2018)
- ITU-T G.8023 (2018) Cor. 1 (11/2018)
- ITU-T G.8121/Y.1381 (11/2018): Characteristics of MPLS-TP equipment functional blocks
- ITU-T G.8121.1/Y.1381.1 (11/2018): Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms
- ITU-T G.8121.2/Y.1381.2 (11/2018): Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms
- ITU-T G.8131/Y.1382 (2014) Amd. 3 (11/2018)
- ITU-T G.8151/Y.1374 (11/2018): Management aspects of the MPLS-TP network element
- ITU-T G.8251 (11/2018): The control of jitter and wander within the optical transport network (OTN)
- ITU-T G.8260 (2015) Amd. 2 (11/2018)
- ITU-T G.8262/Y.1362 (11/2018): Timing characteristics of a synchronous Ethernet equipment slave clock
- ITU-T G.8271/Y.1366 (2017) Amd. 2 (11/2018)
- ITU-T G.8271.2/Y.1366.2 (2017) Amd. 2 (11/2018)
- ITU-T G.8272/Y.1367 (11/2018): Timing characteristics of primary reference time clocks
- ITU-T G.8273.3/Y.1368.3 (2017) Amd. 1 (11/2018)
- ITU-T G.8275/Y.1369 (2017) Amd. 1 (11/2018)
- ITU-T G.9803 (11/2018): Radio over Fiber systems
- ITU-T G.9807.2 (2017) Amd. 1 (11/2018)
- ITU-T G.9960 (11/2018): Unified high-speed wireline-based home networking transceivers - System architecture and physical layer specification
- ITU-T G.9961 (11/2018): Unified high-speed wireline-based home networking transceivers - Data link layer specification

- ITU-T G.9962 (11/2018): Unified high-speed wire-line based home networking transceivers - Management specification
- ITU-T G.9963 (11/2018): Unified high-speed wireline-based home networking transceivers - Multiple input/multiple output specification
- ITU-T G.9978 (11/2018): Secure admission in G.hn network
- ITU-T G.9979 (11/2018): Implementation of the generic mechanism in the IEEE 1905.1a-2014 Standard to include applicable ITU-T Recommendations
- ITU-T H.782 (V2) (11/2018): Digital signage: Metadata
- ITU-T H.784 (11/2018): Digital signage: Display device control interface
- ITU-T L.109 (11/2018): Construction of optical/metallic hybrid cables
- ITU-T L.163 (11/2018): Criteria for optical cable installation with minimal existing infrastructure
- ITU-T L.314 (11/2018): Optical fibre identification for the maintenance of optical access networks
- ITU-T X.676 (11/2018): Object identifier-based resolution framework for IoT grouped services
- ITU-T X.1277 (11/2018): FIDO Universal Authentication Framework (UAF)
- ITU-T X.1278 (11/2018): Client To Authenticator Protocol/Universal 2-factor framework

Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99))

Note from TSB

At the request of the Administration of the Republic of Azerbaijan, the Director of TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system No. 7 network of this country/geographical area, in accordance with Recommendation ITU-T Q.708 (03/99):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Republic of Azerbaijan	4-069

SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

Telephone Service (Recommendation ITU-T E.164)

url: www.itu.int/itu-t/inr/nnp

China (country code +86)

Communication of 3.XII.2018:

The *Ministry of Industry and Information Technology (MIIT)*, Beijing, announces the following updates to the national numbering plan of China.

Description of introduction of new resource for national E.164 numbering plan for country code 86:

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Time and date of introduction
	Maximum length	Minimum length		
1705 (NDC)	11	11	Non-geographic number, Mobile (Virtual Operators dedicated)	2013-08-01
172 (NDC)	11	11	Non-geographic number, Mobile	2015-04-01
1703 (NDC)	11	11	Non-geographic number, Mobile (Virtual Operators dedicated)	2015-04-01
1706 (NDC)	11	11	Non-geographic number, Mobile (Virtual Operators dedicated)	2015-04-01
10647 (NDC)	13	13	Non-geographic number, Mobile (IoT dedicated)	2017-01-01
198 (NDC)	11	11	Non-geographic number, Mobile	2017-07-01
148 (NDC)	11	11	Non-geographic number, Mobile (IoT dedicated)	2017-07-01
1440 (NDC)	13	13	Non-geographic number, Mobile (IoT dedicated)	2017-07-01
165 (NDC)	11	11	Non-geographic number, Mobile (Virtual Operators dedicated)	2018-01-01

Contact: China Mobile Communications Group Co.,Ltd.

Regulator:

Ministry of Industry and Information Technology (MIIT)
13, West Chang'an Avenue
100804 BEIJING
China
Tel: +86 10 62303486
Fax: +86 10 62304735
E-mail: itu-t@caict.ac.cn
URL: www.miit.gov.cn

Denmark (country code +45)

Communication of 23.XI.2018:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Withdrawal – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
YouSee A/S	70704fgh	31.X.2018

- Assignment – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
TDC A/S	70404fgh	31.X.2018

Communication of 27.XI.2018:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Withdrawal – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
HeroBase A/S	39688fgh and 70180fgh	31.XII.2018

- Assignment – Mobile communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telenor Connexion AB	342defgh	30.XI.2018

- Assignment – M2M communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telenor Connexion AB	37109977ijkl, 37109978ijkl, 37109979ijkl, 37109980ijkl, 37109981ijkl, 37109982ijkl, 37109983ijkl, 37109984ijkl, 37109985ijkl and 37109986ijkl	30.XI.2018

Communication of 3.XII.2018:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Withdrawal – Mobile communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Nextgen Mobile Ltd	5398efgh and 9158efgh	30.XI.2018

- Assignment – Mobile communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Ipify Limited	5398efgh and 9158efgh	30.XI.2018

Contact:

Danish Energy Agency
Amaliegade 44
1256 COPENHAGEN K
Denmark
Tel: +45 33 92 67 00
Fax: +45 33 11 47 43
E-mail: ens@ens.dk
URL: www.ens.dk

Seychelles (country code +248)

Communication of 28.XI.2018:

The *Office of the President, Department of Information Communications Technology*, Victoria, announces the following updated National Numbering Plan (NNP) for Seychelles:

Summary of the National Numbering Plan

Leading Digit	Services
0	International dialling prefix code International operator selection International ISDN access code
1	Short Dialling Codes (To access customer oriented telecommunication services e.g. customer support and directory services)
2	Mobile Services (Including Fixed Cellular Services)
3	Reserved for future services
4	Fixed Services
5	Reserved for future Services
6	Fixed VoIP ¹ Services
7	Reserved for future Services
8	Freephone Services and possible future Services
9	Premium Rate Services (Short Codes for VAS ² SMS ³ /MMS ⁴ and Audiotext Services) Emergency Services (Note: The rest of the "99" range is reserved to protect the integrity of "999".)

Status	Description
Unallocated	Not allocated to any Operator / Service provider
Reserved	Reserved for future services
Indicating Operator (e.g. KOKONET)	Allocated to an Operator / Service provider
ALL	Allocated to all Operators / Service provider

¹ VoIP Voice Over Internet Protocol

² VAS Value Added Service

³ SMS Short Message Service

⁴ MMS Multimedia Messaging Service

Digit Length
The digit lengths of numbers used for the services are defined in the appropriate columns in the National Numbering Plan. Seychelles utilizes a 7 digit numbering scheme and unless specifically defined otherwise in the appropriate columns, numbers for mobile, fixed, fixed cellular, fixed VoIP and freephone services shall be 7 digits long.

International Codes Assigned by the International Telecommunication Union (ITU) to Seychelles

International Codes	Type of Services	Remarks
6-066	International Signalling Area - SANC	For assignment of International Signalling Point Codes (ISPC)
6-067		
633	Data Country Code – DCC	For assignment of Data Network Identification Code (DNIC)
633	Mobile Country Code – MCC	For assignment of Land Mobile Station identities such as the International Mobile Station Identity (IMSI for international roaming)
664	Maritime Identification Digits - MID	For assignment of ship station identities such as INMARSAT Mobile Service Identity (MMSI)
965	Telex Destination Code	For call routing purpose in the provision of international automatic telex service
248	Country Code	For international call routing to Seychelles
89248XX	Issuer Identifier Number – IIN	For assignment of IIN for international telecommunications charge cards issuers
SC	Country Code	For Public Message Handling Services

Number Assignment for Leading Digit 0

Leading Digits	Digit Length	Type of Services	Status	Category
00	2	International Outgoing Code	ALL	3
01	2	Access Code to International Gateway	CWS*	2
010	3	ISDN International access code	ALL	3
02	2	Access Code to International Gateway	AIRTEL	2
0(3-9)	2	Reserved for future expansion	Reserved	–

Category 1 Codes which are universally accessible and universally allocated to all operators.

Category 2 Codes which are universally accessible and allocated to a single operator.

Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

* Refer to Appendix A1 for the full name of all operators

Number Assignment for Leading Digit 1

Leading Digits	Digit Length	Type of Services	Status	Category
100	3	National Operator Assistance/Prepaid IVR ⁵ / Administrative Menu for Customer Services	ALL	3
101	3	Voice Mail	ALL	3
102	3	Voice Mail	CWS	2
103	3	Voice Mail	ALL	3
104		Reserved	Unallocated	
105		Reserved	Unallocated	
106	3	PSTN Prepaid Calling Card (Outer Islands)	ALL	3
107	3	International Prepaid Calling Card	ALL	3
108	3	PSTN Prepaid Calling Card (Inner Islands)	ALL	3
109	3	Mobile Prepaid Services	ALL	3
110	3	Mobile Prepaid Services	ALL	3
111		Reserved	Unallocated	
112	3	Emergency code for all mobile services	ALL	1
11(3-6)		Reserved	Unallocated	
117	3	PSTN Prepaid Services	ALL	3
11(8-9)		Reserved	Unallocated	
120	3	Faults Report (Corporate customers)	CWS	2
121	3	Faults report	CWS	2
122		Reserved	Unallocated	
123	3	Customer helpline	CWS	2
12(4-9)		Reserved	Unallocated	
13(0-2)		Reserved	Unallocated	
133	3	Police	ALL	1
13(4-9)		Reserved	Unallocated	
14(0-9)		Reserved	Unallocated	
150		Reserved	Unallocated	
151	3	Medical Emergency Services	ALL	1
15(2-9)		Reserved	Unallocated	
160		Reserved	Unallocated	
16(1-9)	3	Testing	ALL	3
170		Reserved	Unallocated	
171	3	Maintenance Control	ALL	3
17(2-9)		Reserved	Unallocated	
180		Reserved	Unallocated	
181	3	Directory Enquiries	CWS	2
18(2-4)		Reserved	Unallocated	
185	3	Directory Enquiries	AIRTEL	2
18(6-7)		Reserved	Unallocated	
188	3	Directory Enquiries	INTELVISION	2
189		Reserved	Unallocated	
19(0-9)		Reserved	Unallocated	

- Category 1 Codes which are universally accessible and universally allocated to all operators.
 Category 2 Codes which are universally accessible and allocated to a single operator.
 Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

⁵ IVR Interactive Voice Response

Number Assignment for Leading Digit 2

Leading Digits	Digit Length	Type of Services	Status
2(0-4)	7	Mobile Services	Unallocated
25(0-4)		Mobile Services	CWS
255(0-5)*		Fixed Cellular	CWS
255(6-9)		Mobile Services	CWS
25(6-9)		Mobile Services	CWS
26(0-9)		Mobile Services	CWS
27(0-7)		Mobile Services	AIRTEL
278(0-1)*		Fixed Cellular	AIRTEL
2782		Mobile Services	AIRTEL
2783*		Fixed Cellular	AIRTEL
278(4-9)		Mobile Services	AIRTEL
279(0-9)		Mobile Services	AIRTEL
28(0-9)		Mobile Services	AIRTEL
29(0-9)		Mobile Services	Unallocated

*Note that fixed cellular services are tariffed as fixed line services.

Number Assignment for Leading Digit 3

Leading Digits	Digit Length	Type of Services	Status
3(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 4

Leading Digits	Digit Length	Type of Services	Status
4(0-1)	7	Fixed Services	Unallocated
42(0-9)*		Fixed Services	CWS
43(0-9)		Fixed Services	CWS
44(0-9)		Fixed Services	INTELVISION
45(0-9)		Fixed Services	Unallocated
46(0-9)		Fixed Services	AIRTEL
4(7-9)		Fixed Services	Unallocated

* Note that numbers with the leading digits 4229 are being used to access the Outer Islands and have a different tariff from that of fixed line services offered on the Inner Islands (principle group) of Seychelles.

Number Assignment for Leading Digit 5

Leading Digits	Digit Length	Type of Services	Status
5(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 6

Leading Digits	Digit Length	Type of Services	Status
6(0-3)	7	Fixed VoIP	Unallocated
64(0-9)		Fixed VoIP	KOKONET
6(5-9)		Fixed VoIP	Unallocated

Number Assignment for Leading Digit 7

Leading Digits	Digit Length	Type of Services	Status
7(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 8

Leading Digits	Digit Length	Type of Services	Status
800(0)	7	Freephone Services	AIRTEL
800(1-9)		Freephone Services	Unallocated
80(1-9)		Reserved	Unallocated
8(1-9)		Reserved	Unallocated

Number Assignment for Leading Digit 9

Leading Digits	Digit Length	Type of Services	Status
9(0-4)		Reserved	Unallocated
95(0-9)	7	International Audiotext Services	CWS
96(0-9)	4	Short Codes for VAS SMS/MMS Services	See A.2
970		Reserved	Unallocated
971	7	Audiotext Services	CWS
97(2-9)		Reserved	Unallocated
98(0-9)		Reserved	Unallocated
99(0-8)		Reserved	Unallocated
999	3	Emergency Services	ALL

Data Network Identification Codes (DNIC) Assignments

DNIC Assignment	Service	Status
6330	-	Unallocated
6331	Packet Switched Network (INFOLINK)	CWS
6332	-	Unallocated
6333	-	Unallocated
6334	-	Unallocated
6335	-	Unallocated
6336	-	Unallocated
6337	-	Unallocated
6338	-	Unallocated
6339	-	Unallocated

International Signalling Point Code (ISPC) Assignments

ISPC Assignment	Node/Exchange	Status
6-066-0	E10S1	CWS
6-066-1	Seychelles MSC	CWS
6-066-2	Media Gateway (MGW)	CWS
6-066-3		Unallocated
6-066-4	INTV-MAHE-01	INTELVISION
6-066-5	MEDIA GATEWAY-AIRTEL	AIRTEL
6-066-6	TLS	AIRTEL
6-066-7	MSC	AIRTEL
6-067-0	KOKONET-0	KOKONET
6-067-1		Unallocated
6-067-2	HSS Node	AIRTEL
6-067-3	MSC-SC 01	AIRTEL
6-067-4		Unallocated
6-067-5		Unallocated
6-067-6		Unallocated
6-067-7		Unallocated

Issuer Identification Number (IIN) Assignments

IIN Assignment	Company Name	Status
89 248 01	CWS	Allocated

Mobile Country Code (MCC) and Mobile Network Code (MNC) Assignments

MCC - MNC Assignment	Mobile Network	Mobile Operator
633-01	GSM/3G	CWS
633-10	GSM/3G	AIRTEL

A.1 Full Name of Operators

Operators

CWS	Cable and Wireless (Seychelles) Ltd
AIRTEL	Airtel (Seychelles) Ltd
INTELVISION	Intelvision Ltd
KOKONET	Kokonet Ltd

A.2 Short Codes for VAS SMS/MMS Services

Leading Digits	Digit Length	Type of Services	Status	Category
960	4	Cross-Network Services (See A.3)	See A.3	1 or 2
96(1-2)		Network Specific Services	ALL	3
963		Cross-Network Services	Reserved	N/A
96(4-5)		Network Specific Services	ALL	3
966		Cross-Network Services	Reserved	N/A
96(7-9)		Network Specific Services	ALL	3

- Category 1 Codes which are universally accessible and universally allocated to all operators.
 Category 2 Codes which are universally accessible and allocated to a single operator.
 Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

A.3 Short Codes for Cross-Network VAS SMS/MMS Services

Code	Type of Services	Status	Category
9600	Electoral Commissioner's Office (ECO) Voting Registration Information Service	All	1
9601	Seychelles Licensing Authority's (SLA) Licensing Information Service	All	1
9602	Unallocated		
9603	Unallocated		
9604	Unallocated		
9605	Unallocated		
9606	Seychelles Pension Fund (SPF) Eservice	All	1
9607	Unallocated		
9608	Unallocated		
9609	Unallocated		

Contact:

Office of the President
 Department of Information Communications Technology
 Communications Division
 3rd Floor, Caravelle House, Manglier Street
 P.O. Box 737
 VICTORIA, Mahé
 Seychelles
 Tel: +248 4 286 600
 Fax: +248 4 225 325
 E-mail: communications@ict.gov.sc
 URL: www.ict.gov.sc

Trinidad and Tobago (country code +1 868)

Communication of 3.XII.2018:

The *Telecommunications Authority of Trinidad and Tobago (TATT)*, Barataria, announces that the following Central Office codes (NXX) have been assigned to operators within the North American Numbering Plan (NPA – 868) for Trinidad and Tobago.

- Fixed network

<i>Name of operator</i>	<i>Central office code (NXX)</i>	<i>Service</i>
Columbus Communications Trinidad Limited	218 219	Fixed

Contact:

Dr John Prince
Chief Executive Officer
Telecommunications Authority of Trinidad and Tobago (TATT)
5, Eight Avenue Extension, off Twelfth Street
BARATARIA
Trinidad and Tobago
Tel: +1 868 675 8288
Fax: +1 868 674 1055
E-mail: info@tatt.org.tt
URL: www.tatt.org.tt

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)
Ukraine	1148 (p.5)

Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	PAR	paragraph
COL	Column	REP	replace
LIR	Read	SUP	Delete
P	page(s)		

List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2018

Section VI

ADD

IU07 TEFIN S, c.a.r.l. Viale delle Industrie 35, 80147 Napoli Italy,
E-Mail: service@tefin.it,
Tel: +39 081 5595361/5592095, Fax: +39 081 5599227

List of International Monitoring Stations

(List VIII)

Edition of 2016

(Amendment No. 4)

PART I

STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES

AUT Austria

P 1-2 **MOD** by alphabetical order

Station: **Wien (IMS)**

https://www.itu.int/online/mms/mars/monitoring/l8_station.sh?lang=en&stationid=32&admid=24

PART II

STATIONS IN THE SPACE RADIOCOMMUNICATION SERVICES

IND India

ADD by alphabetical order

Station: **Jalna (ISMES)**

https://www.itu.int/online/mms/mars/monitoring/l8_station.sh?lang=en&stationid=516&admid=113

**List of Issuer Identifier Numbers for
the International Telecommunication Charge Card
(in accordance with Recommendation ITU-T E.118 (05/2006))
(Position on 1 December 2018)**

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)
(Amendment No. 1)

Armenia ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Armenia	UCOM LLC Teryan 19, Apt. 4 0010 YEREVAN	89 374 10	Davit Hayrapetyan UCOM LLC Yerevan Plaza Business Center Grigor Lusavorich str. 9 YEREVAN 0015 Tel : +374 95 987 218 Fax: +374 11 400 401 E-mail: david.hayrapetyan@ucom.am	31.VIII.2018

Portugal SUP

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of cancellation</i>
Portugal	Mundio Mobile (Portugal) Limited 54 Marsh Wall LONDON E14 9TP (United Kingdom)	89 351 07	Alkesh Dave Mundio Mobile (Portugal) Limited 54 Marsh Wall LONDON E14 9TP (United Kingdom) Tel: +44 2035364800 Fax: +44 2070050562 E-mail: legal@mundio.com	3.XII.2018

Thailand ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Thailand	TOT Public Company Limited 89/2 Chaengwattana Rd Thungsonghong, Laksi BANGKOK 10210	89 66 15	Samonchate Intusorn 89/2 Chaengwattana Rd Thungsonghong, Laksi BANGKOK 10210 Tel: +66 2 568 2366 Fax: +66 2 575 5925 E-mail: samonchi@tot.co.th	1.1.2018
Thailand	TOT Public Company Limited 89/2 Chaengwattana Rd Thungsonghong, Laksi BANGKOK 10210	89 66 47	Samonchate Intusorn 89/2 Chaengwattana Rd Thungsonghong, Laksi BANGKOK 10210 Tel: +66 2 568 2366 Fax: +66 2 575 5925 E-mail: samonchi@tot.co.th	1.1.2018

United States ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
United States	Twilio Inc. 375 Beale Street, Suite 300 CA-94105 SAN FRANCISCO	89 883 07	Twilio Wireless/IoT Business Unit 375 Beale Street, Suite 300 CA-94105 SAN FRANCISCO Tel: +1 415 390 2337 E-mail: wireless@twilio.com	1.1.2019

**Mobile Network Codes (MNC) for the international identification plan
for public networks and subscriptions
(According to Recommendation ITU-T E.212 (09/2016))
(Position on 1st November 2016)**

(Annex to ITU Operational Bulletin No. 1111 - 1.XI.2016)
(Amendment No.49)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
France ADD		
	208 23	Syndicat mixte ouvert Charente Numérique
	208 29	Cubic télécom France
	208 33	Département des Pyrénées Atlantiques
	208 500	EDF
	208 700	Weaccess group
France LIR		
	208 86	SEM@FOR77
Ireland ADD		
	272 18	Cubic Telecom Limited
Portugal SUP		
	268 02	MEO - Serviços de Comunicações e Multimédia, S.A.
	268 07	Mundio Mobile (Portugal) Limited
* MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil		

List of Signalling Area/Network Codes (SANC)
(Complement to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 June 2017)

(Annex to ITU Operational Bulletin No. 1125 – 1.VI.2017)
(Amendment No. 4)

Numerical order ADD

4-069 Azerbaijan (Republic of)

Alphabetical order ADD

4-069 Azerbaijan (Republic of)

SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

List of International Signalling Point Codes (ISPC)
(According to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 47)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<i>ISPC DEC</i>		

United States ADD

3-025-0	6344	Chicago, IL	Syniverse Technologies
3-025-1	6345	Dallas (6), TX	Syniverse Technologies
3-025-2	6346	Dallas (7), TX	Syniverse Technologies
3-026-5	6357	Dallas (5), TX	Syniverse Technologies

ISPC: International Signalling Point Codes.
Codes de points sémaphores internationaux (CPSI).
Códigos de puntos de señalización internacional (CPSI).

National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))

Web: www.itu.int/itu-t/inr/nnp/index.html

Administrations are requested to notify ITU about their national numbering plan changes, or to give an explanation on their webpage concerning the national numbering plan as well as their contact points, so that the information, which will be made available freely to all administrations/ROAs and service providers, can be posted on the ITU-T website.

For their numbering website, or when sending their information to ITU/TSB (e-mail: tsbtson@itu.int), administrations are kindly requested to use the format as explained in Recommendation ITU-T E.129. They are reminded that they will be responsible for the timely update of this information.

From 15.XI.2018, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Liberia	+231
Vanuatu	+678
Gambia	+220



INTERNATIONAL TELECOMMUNICATION UNION

TSB
TELECOMMUNICATION
STANDARDIZATION BUREAU
OF ITU

**Mobile Network Codes (MNC) for the international
identification plan for public networks and subscriptions
(According to Recommendation ITU-T E.212 (09/2016))**

(POSITION ON 15 DECEMBER 2018)

Geneva, 2018

Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions

Note from TSB

1. A centralized List of Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions has been created within TSB.
2. This List of Mobile Network Codes (MNC) is published as an annex to ITU Operational Bulletin No. 1162 of 15.XII.2018. Administrations are requested to verify the information in this List and to inform ITU on any modifications that they wish to make. The notification form can be found on the ITU website at <http://www.itu.int/en/ITU-T/inr/forms/Pages/mnc.aspx>.
3. This List will be updated by numbered series of amendments published in the [ITU Operational Bulletin](#). Furthermore, the information contained in this Annex is also available on the [ITU website](#).
4. Please address any comments or suggestions concerning this List to the Director of TSB:

International Telecommunication Union (ITU)
Director of TSB
Tel: +41 22 730 5211
Fax: +41 22 730 5853
E-mail: tsbtson@itu.int

5. The designations employed and the presentation of material in this List do not imply the expression of any opinion whatsoever on the part of ITU concerning the legal status of any country or geographical area, or of its authorities.

Mobile Network Codes (MNC) under geographic Mobile Country Codes (MCC)

Country or Geographical Area	Networks	MCC + MNC codes
Afghanistan		
	AWCC	412 01
	Roshan	412 20
	Areeba Afghanistan	412 40
	Etisalat	412 50
	Afghan Telecom	412 80
	Afghan Telecom	412 88
Albania		
	Albanian Mobile Communications (AMC)	276 01
	Vodafone Albania	276 02
	Eagle Mobile	276 03
	Mobile 4 AL	276 04
Algeria		
	Algérie Télécom Mobile « ATM » / GSM/public	603 01
	Optimum Télécom Algérie « OTA » / GSM/public	603 02
	Wataniya Télécom Algérie « WTA » / GSM/public	603 03
	Algérie Télécom « AT » / WLL / public	603 07
	Algérie Télécom « AT » / LTE Fixe / public	603 09
Andorra		
	Mobiland	213 03
Angola		
	Unitel	631 02
	Movicel	631 04
Anguilla		
	Weblinks Limited	365 010
	Cable and Wireless (Anguilla) Ltd trading as Lime	365 840
Antigua and Barbuda		
	APUA PCS	344 030
	Cable & Wireless (Antigua) trading as Lime	344 920
	AT&T Wireless (Antigua)	344 930
Argentina		
	Compañía de Radiocomunicaciones Moviles S.A.	722 010
	Nextel Argentina srl	722 020
	Telefónica Comunicaciones Personales S.A.	722 070
	CTI PCS S.A.	722 310
	Compañía de Telefonos del Interior Norte S.A.	722 320

Country or Geographical Area	Networks	MCC + MNC codes
	Compañía de Telefonos del Interior S.A.	722 330
	Telecom Personal S.A.	722 341
Aruba		
	SETAR N.V.	363 01
	DIGICEL ARUBA	363 02
Australia		
	Telstra Corporation Ltd.	505 01
	Optus Mobile Pty. Ltd.	505 02
	Vodafone Network Pty. Ltd.	505 03
	Department of Defence	505 04
	The Ozitel Network Pty. Ltd.	505 05
	Hutchison 3G Australia Pty. Ltd.	505 06
	Vodafone Network Pty. Ltd.	505 07
	One.Tel GSM 1800 Pty. Ltd.	505 08
	Airnet Commercial Australia Ltd.	505 09
	Norfolk Telecom	505 10
	Telstra Corporation Ltd.	505 11
	Hutchison Telecommunications (Australia) Pty. Ltd.	505 12
	Railcorp	505 13
	AAPT Ltd	505 14
	3GIS Pty Ltd. (Telstra & Hutchison 3G)	505 15
	Victorian Rail Track	505 16
	Vivid Wireless Pty Ltd	505 17
	Pactel International Pty Ltd	505 18
	Lycamobile Pty Ltd	505 19
	Ausgrid Corporation	505 20
	Queensland Rail Limited	505 21
	iiNet Ltd	505 22
	Challenge Networks Pty Ltd	505 23
	Advanced Communications Technologies Pty. Ltd.	505 24
	Pilbara Iron Company Services Pty Ltd	505 25
	Dialogue Communications Pty Ltd	505 26
	Nexium Telecommunications	505 27
	RCOM International Pty Ltd	505 28
	Compatel Limited	505 30
	BHP Billiton	505 31
	Thales Australia	505 32

Country or Geographical Area	Networks	MCC + MNC codes
	CLX Networks Pty Ltd	505 33
	Santos Ltd	505 34
	MessageBird Pty Ltd	505 35
	Optus Mobile Pty. Ltd.	505 36
	Yancoal Australia Ltd	505 37
	Truphone Pty Ltd	505 38
	Telstra Corporation Ltd.	505 39
	CITIC PACIFIC MINING	505 40
	Aqura Technologies Pty	505 41
	Groote Eylandt Mining Company Pty Ltd	505 42
	Arrow Energy Pty Ltd	505 43
	ROY HILL IRON ORE PTY LTD	505 44
	CLERMONT COAL OPERATIONS PTY Limited	505 45
	Pivotel Group Pty Limited	505 50
	Commtel Network Solutions Pty Ltd	505 61
	NBNCo Limited	505 62
	NBNCo Limited	505 68
	Telstra Corporation Ltd.	505 71
	Telstra Corporation Ltd.	505 72
	Pivotel Group Pty Limited	505 88
	Optus Ltd.	505 90
	One.Tel GSM 1800 Pty. Ltd.	505 99
Austria		
	A1 Telekom Austria AG	232 01
	A1 Telekom Austria AG	232 02
	T-Mobile Austria GmbH	232 03
	T-Mobile Austria GmbH	232 04
	Hutchison Drei Austria GmbH	232 05
	T-Mobile Austria GmbH	232 07
	Lycamobile Austria Ltd	232 08
	A1 Telekom Austria AG	232 09
	Hutchison Drei Austria GmbH	232 10
	A1 Telekom Austria AG	232 11
	A1 Telekom Austria AG	232 12
	UPC Austria Services GmbH	232 13
	Hutchison Drei Austria GmbH	232 14
	Mundio Mobile (Austria) Ltd	232 15
	Hutchison Drei Austria GmbH	232 16

Country or Geographical Area	Networks	MCC + MNC codes
	MASS Response Service GmbH	232 17
	smartspace GmbH	232 18
	Tele2 Telecommunication GmbH	232 19
	Mtel Austrija GmbH	232 20
	ÖBB - Infrastruktur AG	232 91
Azerbaijan		
	"Azercell Telecom" LLC	400 01
	"Bakcell" LLC	400 02
	"Catel" LLC	400 03
	"Azerfon" LLC	400 04
	Special State Protection Service of the Republic of Azerbaijan	400 05
	"Nakhtel" LLC	400 06
Bahamas		
	Bahamas Telecommunications Company Limited	364 39
	NewCo2015 Limited	364 49
Bahrain		
	Bahrain Telecommunications Company (BATELCO)	426 01
	Zain Bahrain	426 02
	Civil Aviation Authority	426 03
	STC Bahrain	426 04
	Royal Court	426 05
Bangladesh		
	GramenPhone	470 01
	Aktel	470 02
	Mobile 2000	470 03
Barbados		
	Cable & Wireless (Barbados) Ltd. trading as Lime	342 600
	Sunbeach Communications	342 820
Belarus		
	MDC Velcom	257 01
	MTS	257 02
	BelCel Joint Venture (JV)	257 03
	Closed joint-stock company "Belarusian telecommunication network"	257 04

Country or Geographical Area	Networks	MCC + MNC codes
	Republican Unitary Telecommunication Enterprise (RUE) Beltelecom (National Telecommunications Operator of the Republic of Belarus)	257 05
	Belorussian Cloud Technologies	257 06
Belgium		
	Proximus	206 01
	N.M.B.S	206 02
	Telenet	206 05
	Lycamobile sprl	206 06
	Mundio Mobile Belgium nv	206 07
	Nethys	206 08
	Orange Belgium	206 10
	Telenet Group	206 20
	Voyacom	206 25
	BICS SA	206 28
	Unleashed	206 30
	Ericsson *test use only*	206 33
	Join Experience (Belgium)	206 40
	IP Nexia	206 50
	Tango S.A.	270 77
Belize		
	Belize Telecommunications Ltd., GSM 1900	702 67
	SMART/Speednet Communications Ltd.	702 69
Benin		
	Libercom	616 01
	Telecel	616 02
	Spacotel Benin	616 03
Bermuda		
	Bermuda Digital Communications Ltd (CellOne)	350 000
	Telecom Networks	350 05
	Deltronics	350 11
Bhutan		
	Bhutan Telecom Ltd	402 11
	B-Mobile of Bhutan Telecom	402 17
Bolivia (Plurinational State of)		
	Nuevatel S.A.	736 01
	ENTEL S.A.	736 02
	Telecel S.A.	736 03

Country or Geographical Area	Networks	MCC + MNC codes
Bosnia and Herzegovina	Eronet Mobile Communications Ltd.	218 03
	MOBI'S (Mobilina Srpske)	218 05
	GSMBIH	218 90
Botswana	Mascom Wireless (Pty) Ltd	652 01
	Orange Botswana (Pty) Ltd	652 02
	Botswana Telecommunications Corporation (BTC)	652 04
Brazil	NEXTEL	724 00
	SISTEER DO BRASIL TELECOMUNICAÇÕES (MVNO)	724 01
	TIM REGIÃO I	724 02
	TIM REGIÃO III	724 03
	TIM REGIÃO III	724 04
	CLARO	724 05
	VIVO REGIÃO II	724 06
	VIVO REGIÃO III	724 10
	VIVO REGIÃO I	724 11
	SERCOMTEL	724 15
	BRT CELULAR	724 16
	DATORA (MVNO)	724 18
	TELEMIG CELULAR	724 23
	AMAZONIA CELULAR	724 24
	TNL PCS Oi	724 30
	TNL PCS Oi	724 31
	CTBC CELULAR R III	724 32
	CTBC CELULAR R II	724 33
	CTBC CELULAR R I	724 34
	TELCOM	724 35
	OPTIONS	724 36
	UNICEL	724 37
	CLARO	724 38
	NEXTEL (SMP)	724 39
	PORTO SEGURO TELECOMUNICAÇÕES (MVNO)	724 54
	LOCAL (STFC)	724 99

Country or Geographical Area	Networks	MCC + MNC codes
British Virgin Islands		
	Cable & Wireless (BVI) Ltd trading as lime	348 170
	BVI Cable TV Ltd	348 370
	Caribbean Cellular Telephone Ltd.	348 570
Brunei Darussalam	Digicel (BVI) Ltd	348 770
	DST Com	528 11
Bulgaria		
	Mobilitel EAD	284 01
Burkina Faso	Globul	284 05
	Celtel	613 02
Burundi	Telecel	613 03
Burundi	Econet	642 01
	Africell	642 02
	ONAMOB	642 03
	LACELL	642 07
	U.COM	642 82
Cabo Verde		
	Cabo Verde Telecom	625 01
	T+Telecomunicações	625 02
Cambodia		
	Mobitel (Cam GSM)	456 01
	Hello	456 02
	S Telecom (CDMA)	456 03
	Cadcomms	456 04
	Starcell	456 05
	Smart	456 06
	Viettel	456 08
	Mfone	456 18
Cameroon		
	Mobile Telephone Networks Cameroon	624 01
	Orange Cameroun	624 02
	NEXTEL (ex VIETTEL CAMEROON)	624 04

Country or Geographical Area	Networks	MCC + MNC codes
Canada		
	Xplornet Communications	302 130
	Xplornet Communications	302 131
	Telus Mobility	302 220
	Telus Mobility	302 221
	Telus Mobility	302 222
	ALO Mobile Inc	302 250
	Bragg Communications	302 270
	Airtel Wireless	302 290
	ECOTEL inc.	302 300
	Dave Wireless	302 320
	Execulink	302 340
	Telus Mobility	302 360
	Microcell	302 370
	Dryden Mobility	302 380
	Dryden Mobility	302 390
	A.B.C. Allen Business Communications Ltd.	302 420
	Globalive Wireless	302 490
	Freedom Mobile Inc.	302 491
	Videotron Ltd	302 500
	Videotron Ltd	302 510
	Keewatinook Okimacinac	302 530
	Lynx Mobility	302 560
	Light Squared	302 570
	Quadro Communication	302 590
	Iristel Inc.	302 600
	Bell Mobility	302 610
	Ice Wireless	302 620
	Aliant Mobility	302 630
	Bell Mobility	302 640
	Tbaytel	302 650
	MTS Mobility	302 660
	CityTel Mobility	302 670
Sask Tel Mobility	302 680	
Bell Mobility	302 690	
Globalstar	302 710	
Rogers Wireless	302 720	
TerreStar Solutions	302 730	

Country or Geographical Area	Networks	MCC + MNC codes
	Shaw Telecom G.P.	302 740
	Public Mobile Inc	302 760
	Rural Com	302 770
	Sask Tel Mobility	302 780
	Telus Mobility	302 860
	Telus/Bell shared	302 880
	Wightman Telecom	302 940
	Test	302 990
Cayman Islands		
	Cable & Wireless (Cayman) trading as Lime	346 140
Central African Rep.		
	Centrafrique Telecom Plus (CTP)	623 01
	Telecel Centrafrique (TC)	623 02
	Celca (Socatel)	623 03
Chad		
	Celtel	622 01
	Tchad Mobile	622 02
Chile		
	Entel Telefónica Móvil	730 01
	Telefónica Móvil	730 02
	Smartcom	730 03
	Centennial Cayman Corp. Chile S.A.	730 04
	Multikom S.A.	730 05
	Blue Two Chile SA	730 06
	Telefónica Móviles Chile S.A.	730 07
	VTR Móvil S.A.	730 08
	Centennial Cayman Corp. Chile S.A.	730 09
	Entel	730 10
	Celupago S.A.	730 11
	Telestar Móvil S.A.	730 12
	TRIBE Mobile Chile SPA	730 13
	Netline Telefónica Móvil Ltda	730 14
	CIBELES TELECOM S.A.	730 15
	Nomade Telecomunicaciones S.A.	730 16
	COMPATEL Chile Limitada	730 17
	Empresas Bunker S.A.	730 18
	Sociedad Falabella Móvil SPA	730 19
Inversiones Santa Fe Limitada	730 20	

Country or Geographical Area	Networks	MCC + MNC codes
	WILL S.A.	730 21
	CELLPLUS SPA	730 22
	CLARO SERVICIOS EMPRESARIALES S.A.	730 23
China		
	China Mobile	460 00
	China Unicom	460 01
	China Unicom CDMA	460 03
	China Satellite Global Star Network	460 04
Colombia		
	Colombia Telecomunicaciones S.A. - Telecom	732 001
	EdateL S.A.	732 002
	Emtelsa	732 020
	Emcali	732 099
	Comcel S.A. Ocel S.A./Celcaribe	732 101
	Bellsouth Colombia S.A.	732 102
	Colombia Móvil S.A.	732 103
	Colombia Móvil S.A.	732 111
	Telefónica Móviles Colombia S.A.	732 123
	Avantel	732 130
Comoros		
	HURI / Comores Telecom	654 01
	TELMA / TELCO SA	654 02
Congo		
	Celtel	629 01
	Libertis Telecom	629 10
Cook Islands		
	Telecom Cook	548 01
Costa Rica		
	Instituto Costarricense de Electricidad - ICE	712 01
	Instituto Costarricense de Electricidad - ICE	712 02
	CLARO CR Telecomunicaciones S.A.	712 03
	Telefónica de Costa Rica TC, S.A.	712 04
	Virtualis	712 20
Côte d'Ivoire		
	Atlantique Cellulaire	612 02
	Orange Côte d'Ivoire	612 03
	Comium Côte d'Ivoire	612 04
	Loteny Telecom	612 05

Country or Geographical Area	Networks	MCC + MNC codes
	Oricel Côte d'Ivoire	612 06
	Aircomm Côte d'Ivoire	612 07
Croatia		
	T-Mobile Hrvatska d.o.o./T-Mobile Croatia LLC	219 01
	Tele2/Tele2 d.o.o.	219 02
	VIPnet/VIPnet d.o.o.	219 10
Cuba		
	ETECSA	368 01
Curaçao		
	TELCELL GSM	362 51
	CT GSM	362 69
	SETEL GSM	362 91
Cyprus		
	CYTA	280 01
	Scancom (Cyprus) Ltd.	280 10
	PrimeTel PLC	280 20
	Lemontel Ltd	280 22
	Mundio Mobile Cyprus Ltd	280 23
Czech Rep.		
	T-Mobile Czech Republic a.s.	230 01
	Telefónica O2 Czech Republic a.s.	230 02
	Vodafone Czech Republic a.s.	230 03
	Air Telecom a.s.	230 04
	PODA a.s.	230 05
	Nordic Telecom 5G a.s.	230 06
	Compatel s.r.o	230 08
	Sprava Zeleznicni Dopravni Cesty	230 98
Dem. Rep. of the Congo		
	Vodacom Congo RDC sprl	630 01
	AIRTEL sprl	630 02
	Supercell Sprl	630 05
	Congo-Chine Telecom s.a.r.l.	630 86
	YOZMA TIMETURNS sprl	630 88
	OASIS sprl	630 89
	Africell RDC	630 90

Country or Geographical Area	Networks	MCC + MNC codes
Denmark		
	TDC A/S	238 01
	Telenor	238 02
	Syniverse Technologies	238 03
	Dansk Beredskabskommunikation	238 05
	Hi3G	238 06
	Voxbone	238 08
	Dansk Beredskabskommunikation	238 09
	TDC A/S	238 10
	Dansk Beredskabskommunikation	238 11
	Lycamobile Denmark Ltd.	238 12
	Compatel Limited	238 13
	Monty UK Global Limited	238 14
	Ice Danmark ApS	238 15
	Tismi B.V.	238 16
	Cubic Telecom	238 18
	Telia	238 20
	Banedanmark	238 23
	Viahub (SMS Provider Corp.)	238 25
	LINK Mobility A/S	238 28
	Interactive Digital Media GmbH	238 30
Greenwave Mobile IoT ApS	238 42	
TT-Netvaerket P/S	238 66	
Onomondo ApS	238 73	
Telenor	238 77	
Djibouti		
	Evatis	638 01
Dominica		
	Cable & Wireless Dominica Ltd trading as Lime	366 110
Dominican Rep.		
	Orange Dominicana, S.A.	370 01
	Verizon Dominicana S.A.	370 02
	Tricom S.A.	370 03
	CentennialDominicana	370 04
Ecuador		
	Otecel S.A. - Bellsouth	740 00
	Porta GSM	740 01
	Telecsa S.A.	740 02

Country or Geographical Area	Networks	MCC + MNC codes
Egypt		
	Mobinil	602 01
	Vodafone	602 02
	Etisalat	602 03
El Salvador		
	CTE Telecom Personal, S.A. de C.V.	706 01
	Digicel, S.A. de C.V.	706 02
	Telemóvil El Salvador, S.A.	706 03
Equatorial Guinea		
	Guinea Ecuatorial de Telecomunicaciones Sociedad Anónima (GETESA)	627 01
Estonia		
	AS Eesti Telekom	248 01
	RLE	248 02
	Tele2	248 03
	OY Top Connect	248 04
	Televõrgu AS	248 07
	UAB Raystorm Eesti filiaal	248 11
	Ntel Solutions OÜ	248 12
	Telia Eesti AS	248 13
	Estonian Crafts OÜ	248 14
	Premium Net International S.R.L. Eesti filiaal	248 15
	Siseministerium (Ministry of Interior)	248 71
Eswatini		
	SPTC	653 01
	Swazi Mobile Limited	653 02
	Swazi MTN	653 10
Ethiopia		
	ETH MTN	636 01
Falkland Islands (Malvinas)		
	Touch	750 001
Faroe Islands		
	P/F Kall, reg. No 2868 (Vodafone FO)	274 02
	Faroese Telecom - GSM	288 01
	Kall GSM	288 02
	Sp/f Tosa	288 03

Country or Geographical Area	Networks	MCC + MNC codes
Fiji		
	Vodafone (Fiji) Ltd	542 01
	Digicel (Fiji) Ltd	542 02
	Telecom Fiji Ltd (CDMA)	542 03
Finland		
	DNA Oy	244 03
	DNA Oy	244 04
	Elisa Oyj	244 05
	Elisa Oyj	244 06
	Nokia Solutions and Networks Oy	244 07
	Nokia Solutions and Networks Oy	244 08
	Nokia Solutions and Networks Oy	244 09
	Viestintävirasto	244 10
	Viestintävirasto	244 11
	DNA Oy	244 12
	DNA Oy	244 13
	Ålands Telekommunikation Ab	244 14
	Satakunnan ammattikorkeakoulu Oy	244 15
	Liikennevirasto	244 17
	Elisa Oyj	244 21
	EXFO Oy	244 22
	EXFO Oy	244 23
	TTY-säätiö	244 24
	Compatel Limited	244 26
	Teknologian tutkimuskeskus VTT Oy	244 27
	Kuiri Mobile Oy	244 31
	Voxbone S.A.	244 32
	Virve Tuotteet ja Palvelut Oy	244 33
	Bittium Wireless Oy	244 34
	Ukkoverkot Oy	244 35
	TeliaSonera Finland Oyj	244 36
	Tismi BV	244 37
	Nokia Solutions and Networks Oy	244 38
	Nokia Solutions and Networks Oy	244 39
	Nokia Solutions and Networks Oy	244 40
	Nokia Solutions and Networks Oy	244 41
TeliaSonera Finland Oyj	244 91	
TeliaSonera Finland Oyj	244 92	

Country or Geographical Area	Networks	MCC + MNC codes
France		
	Orange	208 01
	Orange	208 02
	MobiquiThings	208 03
	Sisteer	208 04
	Globalstar Europe	208 05
	Globalstar Europe	208 06
	Globalstar Europe	208 07
	Société Française du Radiotéléphone	208 08
	Société Française du Radiotéléphone	208 09
	Société Française du Radiotéléphone	208 10
	Société Française du Radiotéléphone	208 11
	Société Française du Radiotéléphone	208 13
	RFF	208 14
	Free Mobile	208 15
	Free Mobile	208 16
	Legos	208 17
	Altitude Infrastructure	208 19
	Bouygues Telecom	208 20
	Bouygues Telecom	208 21
	Transatel	208 22
	Syndicat mixte ouvert Charente Numérique	208 23
	MobiquiThings	208 24
	Lycamobile	208 25
	Euro-Information telecom	208 26
	Coriolis Telecom	208 27
	Airbus defense ans space SAS	208 28
	Cubic télécom France	208 29
	Syma Mobile	208 30
	Vectone Mobile	208 31
	Orange	208 32
	Département des Pyrénées Atlantiques	208 33
	EDF	208 500
Weaccess group	208 700	
SEM@FOR77	208 86	
Régie Autonome des Transports Parisiens	208 87	
Bouygues Telecom	208 88	
Fondation b-com	208 89	

Country or Geographical Area	Networks	MCC + MNC codes
	Orange	208 91
	Thales communications & Security	208 93
	Halys	208 94
	Orange	208 95
	Axione	208 96
	Thales communications & Security	208 97
	Société Air France	208 98
French Departments and Territories in the Indian Ocean	Orange	647 00
	BJT Partners	647 01
	Telco OI	647 02
	Telco OI	647 03
	Zeop Mobile	647 04
	Société Réunionnaise du Radiotéléphone	647 10
French Guiana	Guyane Téléphone Mobile	340 11
French Polynesia	VITI	547 05
	Mara Telecom	547 10
	Pacific Mobile Telecom	547 15
	Tikiphone	547 20
Gabon	LIBERTIS	628 01
	MOOV	628 02
	CELTEL	628 03
	USAN GABON	628 04
	Réseau de l'Administration Gabonaise (RAG)	628 05
Gambia	Gamcel	607 01
	Africell	607 02
	COMIUM	607 03
	Qcell	607 04
	GAMTEL-Ecowan	607 05
	NETPAGE	607 06

Country or Geographical Area	Networks	MCC + MNC codes
Georgia		
	Geocell Ltd.	282 01
	Magti GSM Ltd.	282 02
	Iberiatel Ltd.	282 03
	Mobitel Ltd.	282 04
	Silknet JSC	282 05
	JSC Compatel	282 06
	GLOBALCELL LTD	282 07
	Silknet GSC	282 08
	Gmobile LTD	282 09
	Premium Net International SRL LTD	282 10
Mobilive LTD	282 11	
Germany		
	Telekom Deutschland GmbH	262 01
	Vodafone GmbH	262 02
	E-Plus Mobilfunk GmbH & Co. KG	262 03
	Vodafone GmbH	262 04
	E-Plus Mobilfunk GmbH & Co. KG	262 05
	Telekom Deutschland GmbH	262 06
	Telefónica Germany GmbH & Co. OHG	262 07
	Telefónica Germany GmbH & Co. OHG	262 08
	Vodafone GmbH	262 09
	DB Netz AG	262 10
	Telefónica Germany GmbH & Co. OHG	262 11
	E-Plus Mobilfunk GmbH & Co. KG	262 12
	AirData AG	262 15
	E-Plus Mobilfunk GmbH & Co. KG	262 16
	E-Plus Mobilfunk GmbH & Co. KG	262 17
	NetCologne Gesellschaft für Telekommunikation mbH	262 18
	Inquam Deutschland GmbH	262 19
	E-Plus Mobilfunk GmbH & Co. KG	262 20
	Multiconnect GmbH	262 21
	Sipgate Wireless GmbH	262 22
	Drillisch Online AG	262 23
Vodafone GmbH	262 42	
Vodafone GmbH	262 43	
Ericsson GmbH	262 72	

Country or Geographical Area	Networks	MCC + MNC codes
	Xantaro Deutschland GmbH	262 73
	Qualcomm CDMA Technologies GmbH	262 74
	Core Network Dynamics GmbH	262 75
	E-Plus Mobilfunk GmbH & Co. KG	262 77
	Telekom Deutschland GmbH	262 78
Ghana		
	Spacefon	620 01
	Ghana Telecom Mobile	620 02
	Mobitel	620 03
	Kasapa Telecom Ltd.	620 04
	Netafriques Dot Com Ltd	620 11
Gibraltar		
	Gibtel	266 01
	Eazi Telecom Ltd (trading as "Limba")	266 09
Greece		
	Cosmote AE	202 01
	Cosmote AE	202 02
	OTE AE	202 03
	OTE AE	202 04
	Vodafone - Panafon	202 05
	AMD TELECOM AE	202 07
	WIND HELLAS TELECOMMUNICATIONS	202 09
	WIND HELLAS TELECOMMUNICATIONS	202 10
	INTERCONNECT	202 11
	YUBOTO	202 12
	COMPATEL LIMITED	202 13
	CYTA (HELLAS)	202 14
	BWS	202 15
	INTER TELECOM	202 16
Greenland		
	Tele Greenland	290 01
	inu:it a/s	290 02
Grenada		
	Cable & Wireless Grenada ltd trading as lime	352 110

Country or Geographical Area	Networks	MCC + MNC codes
Guadeloupe		
	Orange Caraïbe	340 01
	Outremer Telecom	340 02
	United telecommunications services Caraïbe	340 03
	Dauphin Telecom	340 08
	Free Caraïbe	340 09
	Guadeloupe Téléphone Mobile	340 10
	Digicel Antilles Françaises Guyane	340 20
Guatemala		
	Servicios de Comunicaciones Personales Inalámbricas, S.A. (SERCOM, S.A	704 01
	Comunicaciones Celulares S.A.	704 02
	Telefónica Centroamérica Guatemala S.A.	704 03
Guinea		
	Orange Guinée	611 01
	Sotelgui	611 02
	Cellcom Guinée SA	611 05
Guinea-Bissau		
	Guinétel S.A.	632 01
	Spacotel Guinea-Bissau S.A.	632 02
Guyana		
	Guyana Telephone & Telegraph Company Limited (Cellink)	738 002
	Quark Communications Inc.	738 003
	U-Mobile (Cellular) Inc.	738 01
	eGovernment Unit, Ministry of the Presidency	738 05
Haiti		
	Comcel	372 01
	Digicel	372 02
	Rectel	372 03
Honduras		
	Megatel	708 001
	Celtel	708 002
	Digicel Honduras	708 040

Country or Geographical Area	Networks	MCC + MNC codes
Hong Kong, China		
	Hong Kong Telecommunications (HKT) Limited	454 00
	CITIC Telecom International Ltd	454 01
	Hong Kong Telecommunications (HKT) Limited	454 02
	Hutchison Telephone Company Limited	454 03
	Hutchison Telephone Company Limited	454 04
	Hutchison Telephone Company Limited	454 05
	SmarTone Mobile Communications Limited	454 06
	China Unicom (Hong Kong) Operations Limited	454 07
	Truphone (Hong Kong) Ltd	454 08
	CMMobile Global Communications Ltd	454 09
	Hong Kong Telecommunications (HKT) Limited	454 10
	China-Hongkong Telecom Limited	454 11
	China Mobile Hong Kong Co Ltd	454 12
	China Mobile Hong Kong Co Ltd	454 13
	Hutchison Telephone Company Limited	454 14
	SmarTone Mobile Communications Limited	454 15
	Hong Kong Telecommunications (HKT) Limited	454 16
	SmarTone Mobile Communications Limited	454 17
	Hong Kong Telecommunications (HKT) Limited	454 18
	Hong Kong Telecommunications (HKT) Limited	454 19
	Hong Kong Telecommunications (HKT) Limited	454 20
	21Vianet Mobile Limited	454 21
	263 Mobile Communications (HongKong) Limited	454 22
	Lycamobile Hong Kong Ltd	454 23
	Multibyte Info Technology Limited	454 24
	Government use	454 25
	Government use	454 26
	Government use	454 27
	Government use	454 28
	Hong Kong Telecommunications (HKT) Limited	454 29
	China Data Enterprises Ltd	454 30
China Telecom Global Limited	454 31	
Hong Kong Broadband Network Ltd	454 32	

Country or Geographical Area	Networks	MCC + MNC codes
Hungary		
	Telenor Hungary Ltd	216 01
	MVM NET Ltd.	216 02
	DIGI Telecommunication Ltd.	216 03
	Invitech Solutions	216 04
	Magyar Telecom Plc	216 30
	Vodafone	216 70
	UPC Hungary Ltd	216 71
MÁV Co.	216 99	
Iceland		
	Iceland Telecom Ltd.	274 01
	Og fjarskipti hf (Vodafone Iceland)	274 02
	Og fjarskipti hf (Vodafone Iceland)	274 03
	IMC Islande ehf	274 04
IceCell ehf	274 07	
India		
	Dishnet Wireless Ltd, Madhya Pradesh	404 00
	Aircell Digilink India Ltd., Haryana	404 01
	Bharti Airtel Ltd., Punjab	404 02
	Bharti Airtel Ltd., H.P.	404 03
	Idea Cellular Ltd., Delhi	404 04
	Fascel Ltd., Gujarat	404 05
	Bharti Airtel Ltd., Karnataka	404 06
	Idea Cellular Ltd., Andhra Pradesh	404 07
	Reliance Telecom Ltd., Assam	404 09
	Bharti Airtel Ltd., Delhi	404 10
	Hutchison Essar Mobile Services Ltd, Delhi	404 11
	Idea Mobile Communications Ltd., Haryana	404 12
	Hutchison Essar South Ltd., Andhra Pradesh	404 13
	Spice Communications PVT Ltd., Punjab	404 14
	Aircell Digilink India Ltd., UP (East)	404 15
	Bharti Airtel Ltd, North East	404 16
	Dishnet Wireless Ltd, West Bengal	404 17
	Reliance Telecom Ltd., H.P.	404 18
	Idea Mobile Communications Ltd., Kerala	404 19
	Hutchison Essar Ltd, Mumbai	404 20
	BPL Mobile Communications Ltd., Mumbai	404 21
Idea Cellular Ltd., Maharashtra	404 22	

Country or Geographical Area	Networks	MCC + MNC codes
	Idea Cellular Ltd, Maharashtra	404 23
	Idea Cellular Ltd., Gujarat	404 24
	Dishnet Wireless Ltd, Bihar	404 25
	Hutchison Essar Cellular Ltd., Maharashtra	404 27
	Dishnet Wireless Ltd, Assam	404 29
	Hutchison Telecom East Ltd, Kolkata	404 30
	Bharti Airtel Ltd., Kolkata	404 31
	Dishnet Wireless Ltd, North East	404 33
	BSNL, Haryana	404 34
	Dishnet Wireless Ltd, Himachal Pradesh	404 35
	Reliance Telecom Ltd., Bihar	404 36
	Dishnet Wireless Ltd, J&K	404 37
	BSNL, Assam	404 38
	Bharti Airtel Ltd., Chennai	404 40
	Aircell Cellular Ltd, Chennai	404 41
	Aircel Ltd., Tamil Nadu	404 42
	Hutchison Essar Cellular Ltd., Tamil Nadu	404 43
	Spice Communications PVT Ltd., Karnataka	404 44
	Hutchison Essar Cellular Ltd., Kerala	404 46
	Dishnet Wireless Ltd, UP (West)	404 48
	Bharti Airtel Ltd., Andra Pradesh	404 49
	Reliance Telecom Ltd., North East	404 50
	BSNL, H.P.	404 51
	Reliance Telecom Ltd., Orissa	404 52
	BSNL, Punjab	404 53
	BSNL, UP (West)	404 54
	BSNL, UP (East)	404 55
	Idea Mobile Communications Ltd., UP (West)	404 56
	BSNL, Gujarat	404 57
	BSNL, Madhya Pradesh	404 58
	BSNL, Rajasthan	404 59
	Aircell Digilink India Ltd., Rajasthan	404 60
	Dishnet Wireless Ltd, Punjab	404 61
	BSNL, J&K	404 62
	Dishnet Wireless Ltd, Haryana	404 63
	BSNL, Chennai	404 64
	Dishnet Wireless Ltd, UP (East)	404 65
	BSNL, Maharashtra	404 66

Country or Geographical Area	Networks	MCC + MNC codes
	Reliance Telecom Ltd., Madhya Pradesh	404 67
	MTNL, Delhi	404 68
	MTNL, Mumbai	404 69
	Bharti Hexacom Ltd, Rajasthan	404 70
	BSNL, Karnataka	404 71
	BSNL, Kerala	404 72
	BSNL, Andhra Pradesh	404 73
	BSNL, West Bengal	404 74
	BSNL, Bihar	404 75
	BSNL, Orissa	404 76
	BSNL, North East	404 77
	BTA Cellcom Ltd., Madhya Pradesh	404 78
	BSNL, Andaman & Nicobar	404 79
	BSNL, Tamil Nadu	404 80
	BSNL, Kolkata	404 81
	Idea Telecommunications Ltd, H.P.	404 82
	Reliable Internet Services Ltd., Kolkata	404 83
	Hutchison Essar South Ltd., Chennai	404 84
	Reliance Telecom Ltd., W.B. & A.N.	404 85
	Hutchison Essar South Ltd., Karnataka	404 86
	Idea Telecommunications Ltd, Rajasthan	404 87
	Hutchison Essar South Ltd, Punjab	404 88
	Idea Telecommunications Ltd, UP (East)	404 89
	Bharti Airtel Ltd., Maharashtra	404 90
	Dishnet Wireless Ltd, Kolkata	404 91
	Bharti Airtel Ltd., Mumbai	404 92
	Bharti Airtel Ltd., Madhya Pradesh	404 93
	Bharti Airtel Ltd., Tamil Nadu	404 94
	Bharti Airtel Ltd., Kerala	404 95
	Bharti Airtel Ltd., Haryana	404 96
	Bharti Airtel Ltd., UP (West)	404 97
	Bharti Airtel Ltd., Gujarat	404 98
	Dishnet Wireless Ltd, Kerala	404 99
	Shyam Telelink Ltd, Rajasthan	405 000
	Reliance Communications Ltd/GSM, Delhi	405 005
	Reliance Communications Ltd/GSM, Gujarat	405 006
	Reliance Communications Ltd/GSM, Haryana	405 007
	Reliance Communications Ltd/GSM, J&K	405 009

Country or Geographical Area	Networks	MCC + MNC codes
	Reliance Communications Ltd,/GSM Karnataka	405 010
	Reliance Communications Ltd/GSM, Kerala	405 011
	Reliance Infocomm Ltd, Andhra Pradesh	405 012
	Reliance Communications Ltd/GSM, Maharashtra	405 013
	Reliance Communications Ltd/GSM, Madhya Pradesh	405 014
	Reliance Communications Ltd/GSM, Punjab	405 018
	Reliance Communications Ltd/GSM, Tamilnadu	405 020
	Reliance Communications Ltd/GSM, UP (East)	405 021
	Reliance Communications Ltd/GSM, UP (West)	405 022
	Tata Teleservices Ltd/GSM, Andhra Pradesh	405 025
	Tata Teleservices Ltd,/GSM Bihar	405 027
	Tata Teleservices Ltd/GSM, Delhi	405 029
	Tata Teleservices Ltd/GSM, Gujarat	405 030
	Tata Teleservices Ltd/GSM, Haryana	405 031
	Tata Teleservices Ltd/GSM, Himachal Pradesh	405 032
	Reliance Infocomm Ltd, Bihar	405 033
	Tata Teleservices Ltd/GSM, Kamataka	405 034
	Tata Teleservices Ltd/GSM, Kerala	405 035
	Tata Teleservices Ltd/GSM, Kolkata	405 036
	Tata Teleservices Ltd/GSM, Maharashtra	405 037
	Tata Teleservices Ltd/GSM, Madhya Pradesh	405 038
	Tata Teleservices Ltd/GSM, Mumbai	405 039
	Reliance Infocomm Ltd, Chennai	405 040
	Tata Teleservices Ltd/GSM, Orissa	405 041
	Tata Teleservices Ltd/GSM, Punjab	405 042
	Tata Teleservices Ltd/GSM, Rajasthan	405 043
	Tata Teleservices Ltd/GSM, Tamilnadu	405 044
	Tata Teleservices Ltd/GSM, UP (East)	405 045
	Tata Teleservices Ltd/GSM, UP (West)	405 046
	Tata Teleservices Ltd/GSM, West Bengal	405 047
	Reliance Infocomm Ltd, Himachal Pradesh	405 08
	Reliance Infocomm Ltd, Kolkata	405 12
	Reliance Infocomm Ltd, Mumbai	405 15
	Reliance Infocomm Ltd, Orissa	405 17
	Reliance Infocomm Ltd, West bengal	405 23
	Tata Teleservices Ltd, Chennai	405 28
	Bharti Airtel Ltd, Bihar	405 52

Country or Geographical Area	Networks	MCC + MNC codes
	Bharti Airtel Ltd, Orissa	405 53
	Bharti Airtel Ltd, UP (East)	405 54
	Bharti Airtel Ltd, J&K	405 55
	Bharti Airtel Ltd, Assam	405 56
	Hutchison Essar South Ltd, UP (West)	405 66
	Hutchison Essar South Ltd, Orissa	405 67
	Vodafone/Hutchison, Madhya Pradesh	405 68
	Aditya Birla Telecom Ltd, Bihar	405 70
	Essar Spacetel Ltd, Himachal Pradesh	405 71
	Essar Spacetel Ltd, North East	405 72
	Essar Spacetel Ltd, Assam	405 73
	Essar Spacetel Ltd, J&K	405 74
	Vodafone Essar Spacetel Ltd, J&K	405 750
	Vodafone Essar Spacetel Ltd, Assam	405 751
	Vodafone Essar Spacetel Ltd, Bihar	405 752
	Vodafone Essar Spacetel Ltd, Orissa	405 753
	Vodafone Essar Spacetel Ltd, Himachal Pradesh	405 754
	Vodafone Essar Spacetel Ltd, North East	405 755
	Essar Spacetel Ltd, Orissa	405 76
	Essar Spacetel Ltd, Maharashtra	405 77
	Idea Cellular Ltd, MUMBAI	405 799
	Aircell Ltd, Delhi	405 800
	Aircell Ltd, Andhra Pradesh	405 801
	Aircell Ltd, Gujarat	405 802
	Aircell Ltd, Kamataka	405 803
	Aircell Ltd, Maharashtra	405 804
	Aircell Ltd, Mumbai	405 805
	Aircell Ltd, Rajasthan	405 806
	Dishnet Wireless Ltd, Haryana	405 807
	Dishnet Wireless Ltd, Madhya Pradesh	405 808
	Dishnet Wireless Ltd, Kerala	405 809
	Aircell Ltd, Delhi	405 81
	Aircell Ltd, Andhra Pradesh	405 82
	Aircell Ltd, Gujarat	405 83
	Aircell Ltd, Maharashtra	405 84
	Aircell Ltd, Mumbai	405 85
	Aircell Ltd, Rajasthan	405 86

Country or Geographical Area	Networks	MCC + MNC codes
Indonesia		
	PSN	510 00
	Satelindo	510 01
	Natrindo (Lippo Telecom)	510 08
	Telkomsel	510 10
	Excelcomindo	510 11
	Indosat - M3	510 21
Konselindo	510 28	
Iran (Islamic Republic of)		
	Shatel Mobile	432 08
	Telecommunication Company of Iran (TCI)	432 11
	Telecommunication Kish Co. (KIFZO)	432 14
	Telecommunication Company of Iran (TCI) - Isfahan Celcom GSM	432 19
Arya Resaneh Tadbir (Shatel)	432 50	

Country or Geographical Area	Networks	MCC + MNC codes
Iraq		
	Asia Cell	418 05
	Zain Iraq (previously Atheer)	418 20
	Zain Iraq (previously Iraqna)	418 30
	Korek Telecom	418 40
	Iraq Central Cooperative Association for Communication and Transportation	418 47
	ITC Fanoos	418 48
	Iraqtel	418 49
	Itisaluna	418 62
	Kalimat	418 70
	Iraqi Telecommunications & Post Company (ITPC)	418 80
	ITPC (Al-Mazaya)	418 81
	ITPC (Sader Al-Iraq)	418 83
	ITPC (Eaamar Albasrah)	418 84
	ITPC (Anwar Yagotat Alkhalee)	418 85
	ITPC (Furatfone)	418 86
	ITPC (Al-Seraj)	418 87
	ITPC (High Link)	418 88
	ITPC (Al-Shams)	418 89
	ITPC (Belad Babel)	418 91
ITPC (Al Nakheel)	418 92	
ITPC (Iraqcell)	418 93	
ITPC (Shaly)	418 94	
Ireland		
	Vodafone Ireland Plc	272 01
	Three Ireland Services (Hutchison) Ltd	272 02
	Eircom Ltd	272 03
	Three Ireland (Hutchison) Ltd	272 05
	Eircom Ltd	272 07
	Eircom Ltd	272 08
	Liffey Telecom Ltd	272 11
	Lycamobile Ireland Ltd	272 13
	Virgin Media Ireland Ltd	272 15
	Carphone Warehouse Ireland Mobile Ltd	272 16
	Three Ireland (Hutchison) Ltd	272 17
	Cubic Telecom Limited	272 18

Country or Geographical Area	Networks	MCC + MNC codes
Israel		
	Partner Communications Co. Ltd.	425 01
	Cellcom Israel Ltd	425 02
	Pelephone Communications Ltd	425 03
	Globalsim Ltd	425 04
	Wataniya	425 06
	Mirs Ltd	425 07
	Golan Telecom Ltd	425 08
	Marathon 018 Xphone Ltd.	425 09
	365 Telecom (MVNO)	425 11
	Free Telecom (MVNO)	425 12
	Ituran Cellular Communications	425 13
	Alon Cellular Ltd.	425 14
	Home Cellular (MVNO)	425 15
	Rami Levi (MVNO)	425 16
	Gale Phone (MVNO)	425 17
	Cellact Communications Ltd (MVNO)	425 18
	Azi Communications Ltd	425 19
	Bezeq Ltd	425 20
	B.I.P Communications Ltd.	425 21
Beezz Communication Solutions Ltd.	425 23	
012 Telecom Ltd.	425 24	
IMOD	425 25	
LB Annatel Ltd.	425 26	
PHI Networks	425 28	
CG Networks	425 29	
Italy		
	Telecom Italia Mobile (TIM)	222 01
	Elsacom	222 02
	Omnitel Pronto Italia (OPI)	222 10
	IPSE 2000	222 77
	Wind	222 88
	Blu	222 98
	H3G	222 99
Jamaica		
	Symbiote Investment Limited	338 040
	Digicel (Jamaica) Ltd	338 050
	Cable and Wireless Jamaica Ltd	338 110

Country or Geographical Area	Networks	MCC + MNC codes
Japan		
	SoftBank Corp.	440 00
	UQ Communications Inc.	440 01
	Hanshin Cable Engineering Co. Ltd.	440 02
	Internet Initiative Japan Inc.	440 03
	Japan Radio Co., Ltd.	440 04
	Wireless City Planning Inc.	440 05
	SAKURA Internet Inc.	440 06
	LTE-X, Inc.	440 07
	NTT DOCOMO, INC.	440 10
	SoftBank Corp.	440 20
	SoftBank Corp.	440 21
	KDDI Corporation	440 50
	KDDI Corporation	440 51
	KDDI Corporation	440 52
	KDDI Corporation	440 53
	KDDI Corporation	440 54
	KDDI Corporation	440 70
	KDDI Corporation	440 71
	KDDI Corporation	440 72
	KDDI Corporation	440 73
	KDDI Corporation	440 74
	KDDI Corporation	440 75
	KDDI Corporation	440 76
	Okinawa Cellular Telephone Company	440 78
	Wireless City Planning Inc.	441 00
SoftBank Corp.	441 01	
UQ Communications Inc.	441 10	
The Tokyo Organising Committee of the Olympic and Paralympic Games	441 91	
Jordan		
	Fastlink	416 01
	Xpress	416 02
	Umniah	416 03
	MobileCom	416 77
Kazakhstan		
	Kar-Tel Ilc	401 01
	TSC Kazak Telecom	401 02

Country or Geographical Area	Networks	MCC + MNC codes
Kenya		
	Safaricom Limited	639 01
	Safaricom Limited	639 02
	Airtel Networks Kenya Limited	639 03
	Mobile Pay Kenya Limited	639 04
	Airtel Networks Kenya Limited	639 05
	Finserve Africa Limited	639 06
	Telkom Kenya Limited	639 07
	Sema Mobile Services Limited	639 08
	Homeland Media Group Limited	639 09
	Jamii Telecommunications Limited	639 10
WiAfrica Kenya Limited	639 11	
Kiribati		
	ATHKL	545 01
	OceanLink	545 02
Korea (Rep. of)		
	Globalstar Asia Pacific / Satellite network	450 01
	KT / 5G test bed	450 02
	KT / IoT network	450 04
	SK Telecom / 3G, 4G network	450 05
	LGU+ / 3G, 4G network	450 06
	KT Powertel / 3G network	450 07
	KT / 3G, 4G network	450 08
	SK Telecom / 3G, 4G network	450 11
	SK Telecom / IoT network	450 12
Kosovo*		
	Telecom of Kosovo J.S.C.	221 01
	IPKO Telecommunications LLC	221 02
	Dardafon.Net LLC	221 06
Kuwait		
	ZAIN	419 02
	Wataniya Telecom	419 03
	Viva	419 04

* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.

Country or Geographical Area	Networks	MCC + MNC codes
Kyrgyzstan		
	Sky Mobile	437 01
	7 Mobile	437 03
	Alfa Telecom	437 05
	Kyrgyztelecom	437 06
	Nur Telecom	437 09
	Saima Telecom	437 10
	iTel	437 11
Lao P.D.R.		
	Lao Telecommunications	457 01
	ETL Mobile	457 02
	Millicom	457 08
Latvia		
	Latvijas Mobilais Telefons SIA	247 01
	Tele2	247 02
	Telekom Baltija	247 03
	Beta Telecom	247 04
	Bite Mobile	247 05
	Rigatta	247 06
	Master Telecom	247 07
	IZZI	247 08
	SIA "Camel Mobile"	247 09
Lebanon		
	Ogero Telecom	415 05
	Cellis	415 32
	Cellis	415 33
	Cellis	415 34
	Cellis	415 35
	Libancell	415 36
	Libancell	415 37
	Libancell	415 38
	Libancell	415 39
Lesotho		
	Vodacom Lesotho (pty) Ltd.	651 01
	Econet Ezin-cel	651 02
	VODACOM LESOTHO	651 10
Liberia		
	Comium Liberia	618 04

Country or Geographical Area	Networks	MCC + MNC codes
Liechtenstein		
	Swisscom Schweiz AG	228 01
	Swisscom Schweiz AG	295 01
	Salt (Liechtenstein) AG	295 02
	Telecom Liechtenstein AG	295 05
	Cubic AG	295 06
	First Mobile AG	295 07
	Emnify GmbH	295 09
	SORACOM LI, LTD.	295 10
Lithuania		
	Omnitel	246 01
	Bité GSM	246 02
	Tele2	246 03
Luxembourg		
	POST Luxembourg	270 01
	MTX Connect S.à r.l.	270 02
	Bouygues Telecom S.A.	270 07
	Join Experience S.A.	270 10
	Tango S.A.	270 77
	Interactive Digital Media GmbH	270 78
	Mitto A.G.	270 79
	Syniverse Technologies S.à r.l.	270 80
	E-Lux Mobile Telecommunication S.A.	270 81
	Orange Communications Luxembourg S.A.	270 99
Macao, China		
	SmarTone – Comunicações Móveis, S.A.	455 00
	Companhia de Telecomunicações de Macau, S.A.R.L.	455 01
	China Telecom (Macau) Limitada	455 02
	Hutchison – Telefone (Macau), Limitada	455 03
	Companhia de Telecomunicações de Macau, S.A.R.L.	455 04
	Hutchison – Telefone (Macau), Limitada	455 05
	SmarTone – Comunicações Móveis, S.A.	455 06
	China Telecom (Macau) Limitada	455 07

Country or Geographical Area	Networks	MCC + MNC codes
Madagascar		
	Celtel Madagascar (Zain), GSM	646 01
	Orange Madagascar, GSM	646 02
	Telecom Malagasy Mobile, GSM	646 04
Malawi		
	Telekom Network Ltd.	650 01
	Celtel Ltd.	650 10
Malaysia		
	DIGI Telecommunications	502 10
	Malaysian Mobile Services Sdn Bhd	502 12
	Celcom (Malaysia) Berhad	502 13
	Telekom Malaysia Berhad	502 14
	DIGI Telecommunications	502 16
	Malaysian Mobile Services Sdn Bhd	502 17
	U Mobile Sdn. Bhd.	502 18
	Celcom (Malaysia) Berhad	502 19
	Electcoms Wireless Sdn Bhd	502 20
Maldives		
	DhiMobile	472 01
Mali		
	Malitel	610 01
	Orange Mali Sa	610 02
	ATEL-SA	610 03
Malta		
	Vodafone Malta	278 01
	YOM	278 11
	go mobile	278 21
	GO Mobile	278 30
	3G Telecommunications Ltd	278 77
Martinique		
	Martinique Téléphone Mobile	340 12
Mauritania		
	Mattel S.A.	609 01
	Chinguitel S.A.	609 02
	Mauritel Mobiles	609 10

Country or Geographical Area	Networks	MCC + MNC codes
Mauritius		
	Cellplus	617 01
	Mahanagar Telephone (Mauritius) Ltd	617 02
	Mahanagar Telephone (Mauritius) Ltd	617 03
	Emtel	617 10
Mexico		
	COMUNICACIONES DIGITALES DEL NORTE, S.A. DE C.V	334 001
	NII DIGITAL, S. DE R.L. DE C.V.	334 010
	RADIOMOVIL DIPSA, S.A. DE C.V.	334 020
	PEGASO COMUNICACIONES Y SISTEMAS, S.A. DE C.V.	334 030
	IUSACELL PCS DE MEXICO, S.A. DE C.V.	334 040
	5 operators: 1-COMUNICACIONES CELULARES DE OCCIDENTE, S.A. DE C.V. 2-SISTEMAS TELEFÓNICOS PORTÁTILES CELULARES, S.A. DE C.V. 3-TELECOMUNICACIONES DEL GOLFO, S.A. DE C.V. 4-SOS TELECOMUNICACIONES, S.A. DE C.V. 5-PORTATEL DEL SURESTE, S.A. DE C.V.	334 050
	SERVICIOS DE ACCESO INALAMBRICO, S.A DE C.V.	334 060
	TELÉFONOS DE MÉXICO, S.A.B. DE C.V	334 066
	OPERADORA UNEFON, S. A. DE C.V.	334 070
	OPERADORA UNEFON, S. A. DE C.V.	334 080
	NII DIGITAL, S. DE R.L. DE C.V.	334 090
	Micronesia	
FSM Telecom		550 01
Moldova (Republic of)		
	Orange Moldova GSM	259 01
	Moldcell GSM	259 02
	J.S.C. Moldtelecom/3G UMTS (W-CDMA)	259 05
	J.S.C. Moldtelecom	259 99
Monaco		
	Orange/Monaco Télécom	208 01
	Société Française du Radiotéléphone	208 10
	Bouygues Telecom	208 20
	Monaco Telecom	212 10
Mongolia		
	Mobicom	428 99

Country or Geographical Area	Networks	MCC + MNC codes
Montenegro		
	Telenor Montenegro	297 01
	Crnogorski Telekom	297 02
	Mtel Montenegro	297 03
Montserrat		
	Cable & Wireless (West Indies) Ltd trading as Lime	354 860
Morocco		
	Médi Télécom	604 00
	Itissalat Al-Maghrib	604 01
	Wana Corporate	604 02
	Al Houria Telecom	604 04
	Wana Corporate	604 05
	Itissalat Al-Maghrib	604 06
	Al Houria Telecom	604 99
Mozambique		
	T.D.M. GSM	643 01
	Movitel	643 03
	VM Sarl	643 04
Myanmar		
	Myanmar Posts and Telecommunications	414 00
	Myanmar Posts and Telecommunications	414 01
	Myanmar Posts and Telecommunications	414 02
	Myanmar Economic Corporation	414 03
	Myanmar Posts and Telecommunications	414 04
	Ooredoo Myanmar Limited	414 05
	Telenor Myanmar Limited	414 06
	Myanmar National Tele & Communication Co.,Ltd	414 09
	Amara Communication Co.,Ltd	414 20
	Amara Communication Co.,Ltd	414 21
	Fortune Telecom Co., Ltd	414 22
Global Technology Co., Ltd	414 23	

Country or Geographical Area	Networks	MCC + MNC codes
Namibia		
	Mobile Telecommunications Ltd.	649 01
	Telecom Namibia	649 02
	Powercom Pty Ltd (leo)	649 03
	Paratus Telecommunications (Pty)	649 04
	Demshi Investments CC	649 05
	MTN Namibia	649 06
Nauru		
	Digicel (Fiji) Ltd	542 02
Nepal		
	Nepal Telecommunications	429 01
Netherlands		
	RadioAccess Network Services B.V.	204 01
	Tele2 Nederland B.V.	204 02
	Voiceworks B.V.	204 03
	Vodafone Libertel B.V.	204 04
	Elephant Talk Communications Premium Rate Services	204 05
	Mundio Mobile (Netherlands) Ltd	204 06
	Teleena Holding B.V.	204 07
	KPN Mobile The Netherlands B.V.	204 08
	Lycamobile Netherlands Limited	204 09
	KPN B.V.	204 10
	KPN B.V.	204 12
	Unica Installatietechnik B.V.	204 13
	Ziggo B.V.	204 15
	T-Mobile Netherlands B.V.	204 16
	Intercity Mobile Communications B.V.	204 17
	UPC Nederland B.V.	204 18
	Mixe Communication Solutions B.V.	204 19
	T-Mobile Netherlands B.V.	204 20
	ProRail B.V.	204 21
	Ministerie van Defensie	204 22
	ASpider Solutions Nederland B.V.	204 23
	Private Mobility Nederland B.V.	204 24
	CAPX B.V.	204 25
	SpeakUp B.V.	204 26
	Lancelot B.V.	204 28

Country or Geographical Area	Networks	MCC + MNC codes
	Private Mobile Ltd	204 29
	Nextgen Mobile Ltd	204 60
	BodyTrace Netherlands B.V.	204 61
	Zetacom B.V.	204 64
	AGMS Nederland B.V.	204 65
	Utility Connect B.V.	204 66
	RadioAccess B.V.	204 67
	Roamware (Netherlands) B.V.	204 68
	KPN Mobile The Netherlands B.V.	204 69
New Caledonia		
	OPT Mobilis	546 01
New Zealand		
	Reserved for AMPS MIN based IMSI's	530 00
	Vodafone New Zealand GSM Network	530 01
	Teleom New Zealand CDMA Network	530 02
	Woosh Wireless - CDMA Network	530 03
	TelstraClear - GSM Network	530 04
	Telecom New Zealand - UMTS Ntework	530 05
	FX Networks Ltd	530 06
	Bluereach Limited	530 07
	NZ Communications - UMTS Network	530 24
Nicaragua		
	Empresa Nicaragüense de Telecomunicaciones, S.A. (ENITEL)	710 21
	Servicios de Comunicaciones, S.A. (SERCOM)	710 73
Niger		
	Sahel.Com	614 01
	Celtel	614 02
	Telecel	614 03
Nigeria		
	Econet Wireless Nigeria Ltd.	621 20
	MTN Nigeria Communications	621 30
	MTEL	621 40
	Globacom	621 50
	EMTS	621 60
Niue		
	Telecom Niue	555 01

Country or Geographical Area	Networks	MCC + MNC codes
Norway		
	Telenor Norge AS	242 01
	Telia Norge AS	242 02
	Teletopia Gruppen AS	242 03
	Telia Norge AS	242 05
	ICE Norge AS	242 06
	Phonero AS	242 07
	TDC AS	242 08
	Com4 AS	242 09
	Norwegian Communications Authority	242 10
	Systemnet AS	242 11
	Telenor Norge AS	242 12
	ICE Communication Norge AS	242 14
	Jernbaneverket	242 20
	Jernbaneverket	242 21
	Lycamobile Norway Ltd	242 23
Tampnet AS	242 99	
Oman		
	Oman Mobile Telecommunications Company (Oman Mobile)	422 02
	Oman Qatari Telecommunications Company (Nawras)	422 03
	Oman Telecommunications Company (Omantel)	422 04
Pakistan		
	Mobilink	410 01
	PAK Telecom Mobile Ltd. (UFONE)	410 03
	CMPak	410 04
	Telenor Pakistan	410 06
	Warid Telecom	410 07
Palau		
	Palau National Communications Corp. (a.k.a. PNCC)	552 01
	PECI / PalauTel	552 02
Panama		
	Cable & Wireless Panama S.A.	714 01
	BSC de Panama S.A.	714 02
	Telefónica Móviles Panamá S.A.	714 020
	Claro Panamá, S.A.	714 03
	Digicel (Panamá), S.A.	714 04

Country or Geographical Area	Networks	MCC + MNC codes
Papua New Guinea	Bmobile	537 01
	Telikom PNG Ltd	537 02
	Digicel Ltd	537 03
Paraguay	Hóla Paraguay S.A.	744 01
	Hutchison Telecom S.A.	744 02
	Compañía Privada de Comunicaciones S.A.	744 03
Peru	TIM Peru	716 10
Philippines	Islacom	515 01
	Globe Telecom	515 02
	Smart Communications	515 03
	Digitel	515 05
Poland	Plus / Polkomtel S.A.	260 01
	T-Mobile / PTC S.A.	260 02
	Orange / PTK Centertel Sp. z o.o.	260 03
	LTE / CenterNet S.A.	260 04
	Orange(UMTS) / PTK Centertel Sp. z o.o.	260 05
	Play / P4 Sp. z o.o.	260 06
	Netia / Netia S.A.	260 07
	E-Telko / E-Telko Sp. z o.o.	260 08
	Lycamobile / Lycamobile Sp. z o.o.	260 09
	Sferia / Sferia S.A.	260 10
	Nordisk Polska / Nordisk Polska Sp. z o.o.	260 11
	Cyfrowy Polsat / Cyfrowy Polsat S.A.	260 12
	Sferia / Sferia S.A.	260 13
	Sferia / Sferia S.A.	260 14
	CenterNet / CenterNet S.A.	260 15
	Mobyland / Mobyland Sp. z o.o.	260 16
	Aero 2 / Aero 2 Sp. z o.o.	260 17
	AMD Telecom / AMD Telecom S.A.	260 18
	Teleena / Teleena Holding BV	260 19
	Mobile.Net / Mobile.Net Sp. z o.o.	260 20
	Exteri / Exteri Sp. z o.o.	260 21
	Arcomm / Arcomm Sp. z o.o.	260 22

Country or Geographical Area	Networks	MCC + MNC codes
	Amicomm / Amicomm Sp. z o.o.	260 23
	WideNet / WideNet Sp. z o.o.	260 24
	BS&T / Best Solutions & Technology Sp. z o.o.	260 25
	ATE / ATE-Advanced Technology & Experience Sp. z o.o.	260 26
	Intertelcom / Intertelcom Sp. z o.o.	260 27
	PhoneNet / PhoneNet Sp. z o.o.	260 28
	Interfonica / Interfonica Sp. z o.o.	260 29
	GrandTel / GrandTel Sp. z o.o.	260 30
	Phone IT / Phone IT Sp. z o.o.	260 31
	Compatel Ltd / COMPATEL LIMITED	260 32
	Truphone Poland / Truphone Poland Sp. Z o.o.	260 33
	T-Mobile / PTC S.A.	260 34
	Play (testowy) / P4 Sp. z o.o.	260 98
Portugal		
	Vodafone Portugal - Comunicações Pessoais, S.A.	268 01
	NOS Comunicações, S.A.	268 03
	Lycamobile Portugal, Lda	268 04
	MEO - Serviços de Comunicações e Multimédia, S.A.	268 06
	Compatel, Limited	268 11
	Infraestruturas de Portugal, S.A.	268 12
	G9Telecom, S.A.	268 13
	MEO - Serviços de Comunicações e Multimédia, S.A.	268 80
Qatar		
	QATARNET	427 01
	Ooredoo Q.S.C./MOI LTE	427 06
Romania		
	Vodafone	226 01
	Romtelecom	226 02
	Cosmote	226 03
	Cosmote	226 04
	Digi.Mobil	226 05
	Cosmote	226 06
	Orange	226 10
	Enigma-System	226 11

Country or Geographical Area	Networks	MCC + MNC codes
Russian Federation		
	Mobile Telesystems	250 01
	Megafon	250 02
	Nizhegorodskaya Cellular Communications	250 03
	Sibchallenge	250 04
	Mobile Comms System	250 05
	BM Telecom	250 07
	Don Telecom	250 10
	Orensot	250 11
	Baykal Westcom	250 12
	Kuban GSM	250 13
	New Telephone Company	250 16
	Ermak RMS	250 17
	Volgograd Mobile	250 19
	ECC	250 20
	Extel	250 28
	Uralsvyazinform	250 39
	Stuvtelesot	250 44
	Printelefone	250 92
Telecom XXI	250 93	
Beeline	250 99	
Rwanda		
	MTN Rwandacell	635 10
	TIGO RWANDA LTD	635 13
	AIRTEL RWANDA Ltd	635 14
	Olleh Rwanda Networks (ORN)	635 17
Saint Helena, Ascension and Tristan da Cunha		
	Sure South Atlantic Ltd. (Ascension)	658 01
Saint Kitts and Nevis		
	Cable & Wireless St Kitts & Nevis Ltd trading as Lime	356 110
Saint Lucia		
	Cable & Wireless (St Lucia) Ltd trading as Lime	358 110
Saint Pierre and Miquelon		
	SAS SPM Telecom	308 01
	Globaltel	308 02

Country or Geographical Area	Networks	MCC + MNC codes
Saint Vincent and the Grenadines		
	Cable & Wireless St Vincent and the Grenadines Ltd trading as lime	360 110
Samoa		
	Telecom Samoa Cellular Ltd.	549 01
	GoMobile SamoaTel Ltd	549 27
San Marino		
	Prima San Marino / San Marino Telecom	292 01
Sao Tome and Principe		
	Companhia Santomese de Telecomunicações	626 01
Saudi Arabia		
	Saudi Telecom	420 01
	Etihad Etisalat Company (Mobily)	420 03
Senegal		
	Sonatel (Orange)	608 01
	Sentel GSM (Tigo)	608 02
	Expresso Sénégal	608 03
	CSU	608 04
Serbia		
	Telenor d.o.o.	220 01
	Telekom Srbija a.d.	220 03
	Vip mobile d.o.o.	220 05
	Orion telekom d.o.o.	220 07
	MUNDIO MOBILE d.o.o.	220 09
	GLOBALTEL d.o.o.	220 11
Seychelles		
	Cable and wireless (Seychelles) Ltd	633 01
	Airtel (Seychelles) Ltd	633 10

Country or Geographical Area	Networks	MCC + MNC codes
Sierra Leone		
	Celtel	619 01
	Millicom	619 02
	Africell	619 03
	Comium (Sierra Leone) Ltd	619 04
	Lintel (Sierra Leone) Ltd.	619 05
	QCELL SIERRA LEONE	619 07
	INTERGROUP TELECOM	619 09
	Mobitel	619 25
	Datatel (SL) Ltd GSM	619 40
	Datatel (SL) Ltd CDMA	619 50
Singapore		
	Singtel ST GSM900	525 01
	Singtel ST GSM1800	525 02
	M1	525 03
	StarHub	525 05
	StarHub	525 08
	Liberty Wireless Pte Ltd	525 09
	TPG Telecom Pte Ltd	525 10
Digital Trunked Radio Network	525 12	
Slovakia		
	Orange, GSM	231 01
	Eurotel, GSM & NMT	231 02
	Eurotel, UMTS	231 04
	Orange, UMTS	231 05
Slovenia		
	Slovenske železnice – Infrastruktura d.o.o.	293 10
	Compatel Limited	293 20
	A1 Slovenija d.d.	293 40
	Telekom Slovenije d.d.	293 41
	T-2 d.o.o.	293 64
	Telemach d.o.o.	293 70
Solomon Islands		
	Bemobile (BMobile (SI) Ltd)	540 02

Country or Geographical Area	Networks	MCC + MNC codes
South Africa		
	Vodacom (Pty) Ltd.	655 01
	Telkom SA Ltd	655 02
	Sasol (Pty) Ltd	655 04
	Telkom SA Ltd	655 05
	Sentech (Pty) Ltd.	655 06
	Cell C (Pty) Ltd.	655 07
	Mobile Telephone Networks (MTN) Pty Ltd	655 10
	SAPS Gauteng	655 11
	Mobile Telephone Networks (MTN) Pty Ltd	655 12
	Neotel Pty Ltd	655 13
	Neotel Pty Ltd	655 14
	Sishen Iron Ore Company (Ltd) Pty	655 17
	Wireless Business Solutions (iBurst)	655 19
	Cape Town Metropolitan Council	655 21
	SMS Portal (Pty) Ltd	655 24
	Wirels Connect	655 25
	A to Z Vaal Industrial Supplies Pty Ltd	655 27
	Hymax Talking Solutions (Pty) Ltd	655 28
	Bokamoso Consortium Pty Ltd	655 30
	Karabo Telecoms (Pty) Ltd.	655 31
	Ilizwi Telecommunications Pty Ltd	655 32
	Thinta Thinta Telecommunications Pty Ltd	655 33
	Bokone Telecoms Pty Ltd	655 34
	Kingdom Communications Pty Ltd	655 35
	Amatole Telecommunication Pty Ltd	655 36
	Wireless Business Solutions (Pty) Ltd	655 38
	South African Police Service	655 41
	SMS Cellular Services (Pty) Ltd	655 46
	Ericsson South Africa (Pty) Ltd	655 50
	Integrat (Pty) Ltd	655 51
	Lycamobile (Pty) Ltd	655 53
Wireless Business Solutions (Pty) Ltd	655 73	
Wireless Business Solutions (Pty) Ltd	655 74	
Airport Company South Africa (ACSA)	655 75	

Country or Geographical Area	Networks	MCC + MNC codes
South Sudan		
	Sudani/Sudatel	659 12
	Zain-South Sudan	659 91
	MTN-South Sudan	659 92
	Vivacel/NOW	659 95
	Gemtel	659 97
Spain		
	Vodafone España, SAU	214 01
	Alta Tecnología en Comunicacions, S.L.	214 02
	France Telecom España, SA	214 03
	Xfera Móviles, S.A.	214 04
	Telefónica Móviles España, SAU	214 05
	Vodafone España, SAU	214 06
	Telefónica Móviles España, SAU	214 07
	Euskaltel, SA	214 08
	France Telecom España, SA	214 09
	ZINNIA TELECOMUNICACIONES, S.L.U.	214 10
	TELECOM CASTILLA-LA MANCHA, S.A.	214 11
	SAC CONVERGENT AGGREGATION SERVICES, S.L.U.	214 12
	Telecable de Asturias, SAU	214 16
	R Cable y Telecomunicaciones Galicia, SA	214 17
	E-Plus Móviles, SL	214 19
	ORANGE ESPAGNE, S.A. UNIPERSONAL	214 21
	Best Spain Telecom, SL	214 22
	Vizzavi España, S.L.	214 24
	Lycamobile, SL	214 25
	Lleida Networks Serveis Telemàtics, SL	214 26
	SCN Truphone SL	214 27
	Consortio de Telecomunicaciones Avanzadas, S.A.	214 28
	NEO-SKY 2002, S.A.	214 29
	Compatel Limited	214 30
	Red Digital De Telecomunicaciones de las Islas Baleares, S.L.	214 31
	Telefónica Móviles España, SAU	214 32
EURONA WIRELESS TELECOM, S.A.	214 33	
AIRE NETWORKS DEL MEDITERRÁNEO, S.L. UNIPERSONAL	214 34	
INGENIUM OUTSOURCING SERVICES, S.L.	214 35	

Country or Geographical Area	Networks	MCC + MNC codes
	OPEN CABLE TELECOMUNICACIONES, S.L.	214 36
	VODAFONE ESPAÑA, S.A.U.	214 37
	ENTIDAD PÚBLICA EMPRESARIAL ADMINISTRADOR DE INFRAESTRUCTURAS FERROVIARIAS	214 51
Sri Lanka		
	MTN Network Ltd.	413 02
	Celtel Lanka Ltd.	413 03
Sudan		
	SD Mobitel	634 01
	Areeba-Sudan	634 02
	MTN Sudan	634 03
	Network of the World Ltd (NOW)	634 05
	Zain Sudan	634 06
	MTN Sudan	634 99
Suriname		
	Telesur	746 02
	Digicel	746 03
	Telesur (CDMA)	746 05
Sweden		
	Telia Sverige AB	240 01
	Hi3G Access AB	240 02
	Netett Sverige AB	240 03
	3G Infrastructure Services AB	240 04
	Svenska UMTS-Nät AB	240 05
	Telenor Sverige AB	240 06
	Tele2 Sverige AB	240 07
	Telenor Sverige AB	240 08
	Com4 Sweden AB	240 09
	Tele2 Sverige AB	240 10
	ComHem AB	240 11
	Lycamobile Sweden Limited	240 12
	A3 Företag AB	240 13
	Tele2 Business AB	240 14
	Sierra Wireless Sweden AB	240 15
	42 Telecom AB	240 16
	Götalandsnätet AB	240 17
Generic Mobile Systems Sweden AB	240 18	

Country or Geographical Area	Networks	MCC + MNC codes
	Vecton Mobile (Sweden) Ltd	240 19
	Wireless Maingate Messaging Services AB	240 20
	Trafikverket centralfunktion IT	240 21
	EuTel AB	240 22
	Infobip LTD (UK)	240 23
	Net4Mobility HB	240 24
	Monty UK Global Limited	240 25
	Twilio Sweden AB	240 26
	GlobeTouch AB	240 27
	LINK Mobile A/S	240 28
	Mercury International Carrier Services	240 29
	NextGen Mobile Ltd.	240 30
	RebTel Networks AB	240 31
	Compatel Limited	240 32
	Mobile Arts AB	240 33
	Trafikverket centralfunktion IT	240 34
	42 Telecom LTD	240 35
	interactive digital media GmbH	240 36
	CLX Networks AB	240 37
	Voxbone SA	240 38
	Borderlight AB	240 39
	North net connect AB	240 40
	Shyam Telecom UK Ltd	240 41
	Telenor Connexion AB	240 42
	MobiWeb Ltd.	240 43
	Telenabler AB	240 44
	Spirius AB	240 45
	SMS Provider Corp.	240 46
	Viatel Sweden AB	240 47
	Telefonaktiebolaget LM Ericsson (MNC assigned for test purpose. Temporary license until 2018-12-31)	240 60
	MessageBird B.V.	240 61
	shared use for closed networks	240 65
	shared use for closed networks	240 66
	shared use for test purpose	240 67
	shared use for test purpose	240 68
	crisis management after determination by the Swedish Post- and Telecom Authority	240 69

Country or Geographical Area	Networks	MCC + MNC codes
Switzerland		
	Swisscom Schweiz AG	228 01
	Sunrise Communications AG	228 02
	Salt Mobile SA	228 03
	Comfone AG	228 05
	SBB AG	228 06
	TelCommunication Services AG	228 08
	Comfone AG	228 09
	Swisscom Broadcast AG	228 11
	Sunrise Communications AG	228 12
	Bebbicell AG	228 51
	upc Cablecom GmbH	228 53
	Lycamobile AG	228 54
	WeMobile SA	228 55
	Mitto AG	228 57
	Beeone Communications SA	228 58
	Sunrise Communications AG	228 60
Compatel Ltd	228 61	
Syrian Arab Republic		
	Syriatel	417 01
	Spacetel Syria	417 02
	Syrian Telecom	417 09
Tajikistan		
	JC Somoncom	436 01
	CJSC Indigo Tajikistan	436 02
	TT mobile	436 03
	Josa Babilon-T	436 04
	CTJTHSC Tajik-tel	436 05
Tanzania		
	MIC Tanzania Limited (Tigo)	640 02
	Zanzibar Telecom Limited (Zantel)	640 03
	Vodacom Tanzania Limited	640 04
	Airtel Tanzania Limited	640 05
	Tanzania Telecommunications Company Limited	640 07
	Benson Informatics Limited (Smart)	640 08
	Viettel Tanzania Limited (Halotel)	640 09
	Smile Communications Tanzania Ltd	640 11
	Wiafrica Tanzania Limited (Cootel)	640 13

Country or Geographical Area	Networks	MCC + MNC codes
Thailand		
	CAT CDMA	520 00
	AIS GSM	520 01
	CAT CDMA	520 02
	Advanced Wireless Network Company Limited	520 03
	Real Future Company Limited	520 04
	DTAC Network Company Limited	520 05
	TOT Public Company Limited	520 15
	Total Access Communications Public Company Limited	520 18
	ACes Regional Services Company Limited	520 20
	Digital Phone Company Limited	520 23
	TOT Public Company Limited	520 47
	True Move Company Limited	520 99
The Former Yugoslav Republic of Macedonia		
	T-Mobile	294 01
	Cosmofon	294 02
	Nov Operator	294 03
	Company for telecommunications LYCAMOBILE LLC-Skopje	294 04
	WTI Macedonia	294 10
Timor-Leste		
	Telin Timor-Leste	514 01
	Timor Telecom	514 02
	Viettel Timor-Leste	514 03
Togo		
	Togo Telecom	615 01
Tokelau		
	Teletok/LTE 4G	554 01
Tonga		
	Tonga Communications Corporation	539 01
	Digicel	539 43
	Digicel (Tonga) Ltd	539 88
Trinidad and Tobago		
	TSTT Mobile	374 12
	Digicel Trinidad and Tobago Ltd.	374 130
	LaqTel Ltd.	374 140

Country or Geographical Area	Networks	MCC + MNC codes
Tunisia		
	Tunisie Telecom	605 02
	Orascom Telecom	605 03
Turkey		
	Turkcell	286 01
	Telsim GSM	286 02
	Aria	286 03
	Aycell	286 04
Turkmenistan		
	Barash Communication Technologies (BCTI)	438 01
	TM-Cell	438 02
Turks and Caicos Islands		
	Cable & Wireless (TCI) Ltd trading as Lime	376 350
	IslandCom Communications Ltd.	376 352
	IslandCom Communication Ltd	376 360
Tuvalu		
	Tuvalu Telecommunications Corporation	553 01
Uganda		
	Airtel Uganda Limited	641 01
	Tangerine Uganda Limited	641 04
	Afrimax Uganda Limited	641 06
	MTN Uganda Limited	641 10
	Uganda Telecom Limited	641 11
	SimbaNET Uganda Limited	641 16
	Suretelecom Uganda Limited	641 18
	Hamilton Telecom Limited	641 20
	Airtel Uganda Limited	641 22
	Lycamobile Network services Uganda Limited	641 26
	Smile Communications Uganda Limited	641 33
	Civil Aviation Authority (CAA)	641 40
	K2 Telecom Limited	641 44

Country or Geographical Area	Networks	MCC + MNC codes
Ukraine		
	PRIVATE JOINT STOCK COMPANY "VF UKRAINE" (PRJSC "VF UKRAINE")	255 01
	PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR)	255 02
	PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR)	255 03
	LIMITED LIABILITY COMPANY "INTERNATIONAL TELECOMMUNICATIONS" (LLC INTERTELECOM)	255 04
	LIMITED LIABILITY COMPANY "LIFECCELL" (LLC "LIFECCELL")	255 06
	LIMITED LIABILITY COMPANY "TRYMOB" (LLC "TRYMOB")	255 07
	PRIVATE JOINT STOCK COMPANY "TELESYSTEMS OF UKRAINE" (PJSC "TELESYSTEMS OF UKRAINE")	255 21
United Arab Emirates		
	Etisalat	424 02
United Kingdom		
	British Telecom	234 00
	Mundio Mobile Limited	234 01
	Telefonica UK Limited	234 02
	Jersey Airtel Limited	234 03
	FMS Solutions Limited	234 04
	COLT Mobile Telecommunications Limited	234 05
	Internet Computer Bureau Limited	234 06
	Vodafone Ltd (C&W)	234 07
	BT OnePhone Limited	234 08
	Tismi BV	234 09
	Telefonica UK Limited	234 10
	Telefonica UK Limited	234 11
	Network Rail Infrastructure Limited	234 12
	Network Rail Infrastructure Limited	234 13
	HAY SYSTEMS LIMITED	234 14
	Vodafone UK Ltd	234 15
	TalkTalk Communications Limited	234 16
	FleXtel Limited	234 17
	Cloud9 Communications Limited	234 18
	TeleWare PLC	234 19
	Hutchison 3G UK Limited	234 20
Telesign Mobile Limited	234 22	

Country or Geographical Area	Networks	MCC + MNC codes
	Icron Network Limited	234 23
	Stour Marine Limited	234 24
	Truphone Limited	234 25
	Lycamobile UK Limited	234 26
	Teleena UK Limited	234 27
	Marathon Telecom Limited	234 28
	(aq) Limited trading as aql	234 29
	EE Limited (TM)	234 30
	EE Limited (TM)	234 31
	EE Limited (TM)	234 32
	Orange	234 33
	Orange	234 34
	Sure (Isle of Man) Limited	234 36
	Synectiv Ltd	234 37
	Virgin Mobile Telecoms Limited	234 38
	Gamma Telecom Holdings Ltd	234 39
	Jersey Telecom	234 50
	UK Broadband Limited	234 51
	Shyam Telecom UK Ltd	234 52
	Limitless Mobile Ltd	234 53
	The Carphone Warehouse Limited	234 54
	Sure (Guernsey) Limited	234 55
	CESG	234 56
	Sky UK Limited	234 57
	Manx Telecom	234 58
	Limitless Mobile Ltd	234 59
	AMSUK Limited	234 70
	Home Office	234 71
	British Telecom	234 76
	Airwave Solutions Ltd	234 78
	EE Limited (TM)	234 86
	Mundio Mobile Limited	235 00
	EE Limited (TM)	235 01
	EE Limited (TM)	235 02
	UK Broadband Limited	235 03
	British Telecom	235 77
	Vodafone Uk Ltd	235 91
	Vodafone Ltd (C&W)	235 92

Country or Geographical Area	Networks	MCC + MNC codes
	Hutchison 3G UK Limited	235 94
	Network Rail Infrastructure Limited	235 95
United States		
	Verizon Wireless	310 010
	Verizon Wireless	310 012
	Verizon Wireless	310 013
	TEST IMSI HNI	310 014
	AT&T Mobility	310 016
	Union Telephone Company	310 020
	AT&T Mobility	310 030
	ETEX Communications, LP (d/b/a) ETEX Wireless	310 035
	MTA Communications dba MTA Wireless	310 040
	Alaska Wireless Networks	310 050
	Consolidated Telcom	310 060
	AT&T Mobility	310 070
	AT&T Mobility	310 080
	AT&T Mobility	310 090
	New Mexico RSA 4 East Ltd. Partnership	310 100
	Pacific Telecom Inc	310 110
	Sprint	310 120
	Carolina West Wireless	310 130
	GTA Wireless LLC	310 140
	AT&T Mobility	310 150
	T-Mobile USA	310 160
	AT&T Mobility	310 170
	West Central Wireless	310 180
	Alaska Wireless Networks	310 190
	T-Mobile USA	310 200
	T-Mobile USA	310 210
	T-Mobile USA	310 220
	T-Mobile USA	310 230
	T-Mobile USA	310 240
	T-Mobile USA	310 250
	T-Mobile USA	310 260
	T-Mobile USA	310 270
	AT&T Mobility	310 280
	NEP Cellcorp Inc.	310 290
	Blanca Telephone Company	310 300

Country or Geographical Area	Networks	MCC + MNC codes
	T-Mobile USA	310 310
	Smith Bagley Inc, dba Cellular One	310 320
	Verizon Wireless	310 350
	Cellular Network Partnership dba Pioneer Cellular	310 360
	Docomo Pacific Inc	310 370
	AT&T Mobility	310 380
	TX-11 Acquistion LLC	310 390
	Wave Runner LLC	310 400
	AT&T Mobility	310 410
	GCI Communications Corp	310 430
	Numerex Corp	310 440
	North East Cellular Inc.	310 450
	Newcore Wireless	310 460
	Shentel	310 470
	Wave Runner LLC	310 480
	T-Mobile USA	310 490
	Public Service Cellular, Inc.	310 500
	Nsight	310 510
	Transactions Network Services (TNS)	310 520
	Iowa Wireless Services LLC dba Wireless	310 530
	Oklahoma Western Telephone Company	310 540
	Syniverse Technologies	310 550
	MTPCS LLC	310 570
	Inland Cellular Telephone Company	310 580
	Verizon Wireless	310 590
	NewCell dba Cellcom	310 600
	Elkhart Telephone Co. Inc. dba Epic Touch Co.	310 610
	Nsight	310 620
	Agri-Valley Broadband, Inc	310 630
	Numerex Corp	310 640
	JASPER TECHNOLOGIES INC.	310 650
	T-Mobile USA	310 660
	AT&T Mobility	310 670
	AT&T Mobility	310 680
	Keystone Wireless LLC	310 690
	Cross Valiant Cellular Partnership	310 700
	Arctic Slope Telephone Association Cooperative	310 710
	Syniverse Technologies	310 720

Country or Geographical Area	Networks	MCC + MNC codes
	U.S. Cellular	310 730
	Viaero Wireless	310 740
	East Kentucky Network LLC dba Appalachian Wireless	310 750
	Lynch 3G Communications Corporation	310 760
	Iowa Wireless Services LLC dba I Wireless	310 770
	D.D. Inc	310 780
	PinPoint Communications Inc.	310 790
	T-Mobile USA	310 800
	Verizon Wireless	310 820
	Sprint	310 830
	Telecom North America Mobile Inc	310 840
	Aeris Communications, Inc.	310 850
	West Central Wireless	310 860
	Advantage Cellular Systems, Inc.	310 880
	Verizon Wireless	310 890
	Mid-Rivers Telephone Cooperative	310 900
	Verizon Wireless	310 910
	James Valley Wireless LLC	310 920
	Copper Valley Wireless	310 930
	Iris Wireless LLC	310 940
	AT&T Mobility	310 950
	UBET Wireless	310 960
	Globalstar USA	310 970
	Worldcall Interconnect	310 990
	West Central Wireless	311 000
	Chariton Valley Communications Corp., Inc.	311 010
	Missouri RSA No. 5 Partnership	311 020
	Indigo Wireless, Inc.	311 030
	Commnet Wireless LLC	311 040
	Thumb Cellular Limited Partnership	311 050
	Space Data Corporation	311 060
	AT&T Mobility	311 070
	Pine Telephone Company dba Pine Cellular	311 080
	AT&T Mobility	311 090
	Nex-Tech Wireless LLC	311 100
	Verizon Wireless	311 110
	Wave Runner LLC	311 120

Country or Geographical Area	Networks	MCC + MNC codes
	Cross Telephone Company	311 140
	Wilkes Cellular Inc.	311 150
	Broadpoint, LLC	311 170
	AT&T Mobility	311 180
	AT&T Mobility	311 190
	ARINC	311 200
	United States Cellular	311 220
	Cellular South Inc.	311 230
	Cordova Wireless Communications Inc	311 240
	Wave Runner LLC	311 250
	Sprint	311 260
	Verizon Wireless	311 270
	Verizon Wireless	311 271
	Verizon Wireless	311 272
	Verizon Wireless	311 273
	Verizon Wireless	311 274
	Verizon Wireless	311 275
	Verizon Wireless	311 276
	Verizon Wireless	311 277
	Verizon Wireless	311 278
	Verizon Wireless	311 279
	Verizon Wireless	311 280
	Verizon Wireless	311 281
	Verizon Wireless	311 282
	Verizon Wireless	311 283
	Verizon Wireless	311 284
	Verizon Wireless	311 285
	Verizon Wireless	311 286
	Verizon Wireless	311 287
	Verizon Wireless	311 288
	Verizon Wireless	311 289
	Pinpoint Wireless Inc.	311 290
	Nexus Communications Inc	311 300
	Leaco Rural Telephone Company Inc	311 310
	Commnet Wireless LLC	311 320
	Bug Tussel Wireless LLC	311 330
	Illinois Valley Cellular	311 340
	Sagebrush Cellular Inc dba Nemont	311 350

Country or Geographical Area	Networks	MCC + MNC codes
	Stelera Wireless LLC	311 360
	GCI Communications Corp	311 370
	New Dimension Wireless Ltd	311 380
	Verizon Wireless	311 390
	TEST IMSI HNI	311 400
	Iowa RSA No. 2 Limited Partnership	311 410
	Northwest Cell	311 420
	RSA 1 Limited Partnership dba Cellular 29 Plus	311 430
	Bluegrass Cellular LLC	311 440
	Panhandle Telecommunication Systems Inc.	311 450
	Vitelcom Cellular D/B/A Innovative Wireless	311 470
	Verizon Wireless	311 480
	Verizon Wireless	311 481
	Verizon Wireless	311 482
	Verizon Wireless	311 483
	Verizon Wireless	311 484
	Verizon Wireless	311 485
	Verizon Wireless	311 486
	Verizon Wireless	311 487
	Verizon Wireless	311 488
	Verizon Wireless	311 489
	Sprint	311 490
	Mosaic Telecom Inc	311 500
	Light Squared LP	311 510
	Newcore Wireless LLC	311 530
	Commnet Midwest LLC	311 550
	OTZ Communications Inc	311 560
	U.S. Cellular	311 580
	Verizon Wireless	311 590
	North Dakota Network Co.	311 610
	TerreStar Networks Inc.	311 620
	Cellular South Inc.	311 630
	Standing Rock Telecommunications	311 640
	United Wireless Inc	311 650
	Metro PCS Wireless Inc	311 660
	Pine Belt Cellular Inc dba Pine Belt Wireless	311 670
	GreenFly LLC	311 680
	TeleBeeper of New Mexico Inc	311 690

Country or Geographical Area	Networks	MCC + MNC codes
	Aspenta International, Inc.	311 700
	Northeast Wireless Networks LLC	311 710
	Maine PCS LLC	311 720
	Proximiti Mobility Inc	311 730
	Telalaska Cellular	311 740
	Flat Wireless, LLC	311 750
	AltioStar Networks, Inc.	311 770
	Coleman County Telephone Cooperative, Inc.	311 790
	Bluegrass Cellular LLC	311 800
	Blegrass Cellular LLC	311 810
	Sonus Networks	311 820
	Thumb Cellular LLC	311 830
	Nsight	311 840
	Nsight	311 850
	Uintah Basin Electronic Telecommunications	311 860
	Sprint	311 870
	Sprint	311 880
	Globecomm Network Services Corporation	311 890
	Gigsky Inc.	311 900
	SI Wireless LLC	311 910
	Missouri RSA No 5 Partnership dba Charlton Valley Wireless Services	311 920
	Sprint	311 940
	Sunman Telecommunications corp.	311 950
	Lycamobile USA Inc	311 960
	Big River Broadband LLC	311 970
	LigTel Communications	311 980
	VTel Wireless	311 990
	Charlton Valley Communication Corporation Inc	312 010
	Infrastructure Networks LLC	312 020
	Cross Wireless	312 030
	Custer Telephone Cooperative Inc	312 040
	Fuego Wireless LLC	312 050
	CoverageCo	312 060
	Adams Networks Inc	312 070
	South Georgia Regional Information Technology Authority	312 080
	AT&T Mobility	312 090

Country or Geographical Area	Networks	MCC + MNC codes
	ClearSky Technologies Inc	312 100
	East Kentucky Network LLC dba Appalachian Wireless	312 120
	East Kentucky Network LLC dba Appalachian Wireless	312 130
	Cleveland Unlimited Inc	312 140
	Northwest Cell	312 150
	RSA1 Limited Partnership dba Chat Mobility	312 160
	Iowa RSA No. 2 Limited Partnership	312 170
	Keystone Wireless LLC	312 180
	Sprint	312 190
	ASPENTA, LLC	312 210
	Chariton Valley Communications Corporation, Inc.	312 220
	SRT Communications Inc.	312 230
	Sprint	312 240
	Sprint	312 250
	Central LTE Holdings	312 260
	Cellular Network Partnership dba Pioneer Cellular	312 270
	Cellular Network Partnership dba Pioneer Cellular	312 280
	Uintah Basin Electronic Telecommunications	312 290
	Telecom North America Mobile Inc.	312 300
	Clear Stream Communications, LLC	312 310
	S and R Communications LLC	312 320
	Nemont Communications, Inc.	312 330
	MTA Communications dba MTA Wireless	312 340
	Triangle Communication System Inc.	312 350
	Wes-Tex Telecommunications, LTD	312 360
	Commnet Wireless	312 370
	Copper Valley Wireless	312 380
	FTC Communications LLC	312 390
	Mid-Rivers Telephone Cooperative	312 400
	Eltopia Communications, LLC	312 410
	Nex-Tech Wireless, LLC	312 420
	Silver Star Communications	312 430
	Consolidated Telcom	312 440
	Cable & Communications Corporation	312 450
	KPU Telecommunications Division	312 460
	Carolina West Wireless, Inc.	312 470

Country or Geographical Area	Networks	MCC + MNC codes
	Sagebrush Cellular, Inc.	312 480
	TrustComm, Inc	312 490
	Wue	312 510
	Sprint	312 530
	Great Plains Communications, Inc	312 550
	Buffalo-Lake Erie Wireless Systems Co., LLC	312 570
	Morgan, Lewis & Bockius LLP	312 580
	Northern Michigan University	312 590
	Sagebrush Cellular, Inc.	312 600
	GlobeTouch Inc.	312 620
	NetGenuity, Inc.	312 630
	365 Wireless LLC	312 650
	AT&T Mobility	312 670
	AT&T Mobility	312 680
	Tecore Government Services, LLC	312 690
	Wireless Partners,LLC	312 700
	Great North Woods Wireless LLC	312 710
	Southern Communications Services, Inc. D/B/A SouthernLINC Wireless	312 720
	Triangle Communication System Inc.	312 730
	KDDI America, Inc dba Locus Telecommunications	312 740
	Artemis	312 750
	ARCTIC SLOPE TELEPHONE ASSOCIATION COOPERATIVE	312 760
	Verizon Wireless	312 770
	RedZone Wireless LLC	312 780
	Gila Electronics	312 790
	Cirrus Core Networks	312 800
	Bristol Bay Telephone Cooperative	312 810
	Santel Communications Cooperative, Inc.	312 820
	Kings County Office of Education	312 830
	South Georgia Regional Information Technology	312 840
	Onvoy Spectrum, LLC	312 850
	Flat Wireless, LLC	312 860
	GigSky Mobile, LLC	312 870
	Albemarle County Public Schools	312 880
	Circle Gx	312 890
	Flat West Wireless, LLC	312 900

Country or Geographical Area	Networks	MCC + MNC codes
	East Kentucky Network LLC dba Appalachian Wireless	312 910
	Northeast Wireless Networks	312 920
	Hewlett-Packard Communication Services, LLC	312 930
	Webformix	312 940
	Custer Telephone Cooperative, Inc	312 950
	M&A Technology, Inc.	312 960
	IOSAZ Intellectual Property LLC	312 970
	Mark Twain Communications Company	312 980
	Premier Holdings LLC DBA Premier Broadband	312 990
	Tennessee Wireless	313 000
	Cross Wireless LLC dba Sprocket Wireless	313 010
	CTC Telecom, INC. dba CTC Wireless	313 020
	Eagle Telephone System, INC dba Snake River PCS	313 030
	Nucla-Naturita Telephone Company	313 040
	Manti Tele Communications Company, Inc. dba Breakaway Wireless	313 050
	Country Wireless	313 060
	Midwest Network Solutions Hub LLC	313 070
	Speedwavz LLP	313 080
	Vivint Wireless, Inc	313 090
	First Responder Network Authority	313 100
	Mercury Network Corporation	313 200
	AT&T	313 210
	Sprint	316 010
Southern Communications Services Inc.	316 011	
Uruguay		
	Ancel - TDMA	748 00
	Ancel - GSM	748 01
	Ancel	748 03
	Movistar	748 07
	CTI Móvil	748 10
Uzbekistan		
	Buztel	434 01
	Uzmacom	434 02
	Daewoo Unitel	434 04
	Coscom	434 05
	Uzdunrobita	434 07

Country or Geographical Area	Networks	MCC + MNC codes
Vanuatu		
	SMILE	541 01
	Digicel Vanuatu	541 05
	WANTOK	541 07
Venezuela (Bolivarian Republic of)		
	Corporación Digitel	734 02
	GALAXY ENTERTAINMENT DE VENEZUELA C.A.	734 03
	Telcel, C.A.	734 04
	Telecomunicaciones Movilnet, C.A.	734 06
Viet Nam		
	Mobifone	452 01
	Vinaphone	452 02
	S Telecom (CDMA)	452 03
	Viettel	452 04
	EVN Telecom	452 06
	Beeline VN/GTEL Mobile JSC	452 07
	EVN Telecom	452 08
Wallis and Futuna		
	Manuia	543 01
Yemen		
	Yemen Mobile Phone Company	421 01
	Spacotel Yemen	421 02
	Y-Telecom	421 04
Zambia		
	Celtel Zambia Ltd.	645 01
	Telecel Zambia Ltd.	645 02
	Zamtel	645 03
Zimbabwe		
	Net One	648 01
	Telecel	648 03
	Econet	648 04

Shared Mobile Country Codes (MCC) for networks and their respective Mobile Network Codes (MNC)

<i>Networks</i>	<i>MCC + MNC codes</i>
Iridium Communications Inc	901 03
Thuraya RMSS Network	901 05
Thuraya Satellite Telecommunications Company	901 06
Inmarsat Ltd.	901 11
Maritime Communications Partner AS (MCP network)	901 12
BebbiCell AG (Formerly Global Networks Switzerland AG)	901 13
AeroMobile AS	901 14
OnAir N.V. (Formerly SITA on behalf of Onair)	901 15
Cisco Systems, Inc.	901 16
Jersey Telecom	901 17
Cingular Wireless	901 18
Vodafone Malta (Vodafone Group)	901 19
Intermatica	901 20
Wins Limited (Formerly Seonet Maritime Communications AB)	901 21
MediaLincc Ltd	901 22
Voxbone SA	901 24
Telecom Italia	901 26
Monaco Telecom	901 27
Vodafone Group	901 28
Telenor Connexion AB	901 29
Orange	901 31
MegaFon	901 32
Smart Communications , Inc	901 33
Tyntec Limited	901 34
Globecom Network Services	901 35
Azerfon LLC	901 36
TRANSATEL	901 37
Multiregional TransitTelecom (MTT)	901 38
MTX Connect Ltd	901 39
Deutsche Telekom AG	901 40
BodyTrace Netherlands B.V.	901 41
DCN Hub ehf	901 42
EMnify GmbH	901 43
AT&T, Inc.	901 44
Advanced Wireless Network Company Limited	901 45

<i>Networks</i>	<i>MCC + MNC codes</i>
Telecom26 AG	901 46
Ooredoo	901 47
Com4 Sweden AB	901 48
Zain Kuwait	901 49
Sawatch Limited/EchoStar Mobile Limited	901 50
VisionNG	901 51
Manx Telecom Trading Ltd.	901 52
Deutsche Telekom AG	901 53
Teleena Holding B.V.	901 54
Beezz Communication Solutions Ltd.	901 55
European Telecommunications Standards Institute (ETSI)	901 56
SAP	901 57
BICS SA	901 58
MessageBird B.V.	901 59
OneWeb	901 60
MTN Management Services	901 61
Twilio Inc.	901 62
GloTell B.V.	901 63
Syniverse Technologies, LLC	901 64
UN Office for the Coordination of Humanitarian Affairs (OCHA)	901 88

Shared Mobile Country Codes (MCC) for other purposes and their respective Mobile Network Codes (MNC)

	<i>Applicant/Network</i>	<i>MCC + MNC codes</i>
shared code		
	MulteFire Alliance	902 01
Trial of a proposed new international telecommunication service, shared code		
	World's Global Telecom (temporary assignment for trial until 14.I.2020)	991 01

Extra-territorial use* of MCC/MNC, Annex E to Recommendation ITU-T E.212

Country or Geographical Area	MCC + MNC**	MSIN range***	Operator/Network
France - Country A	208 01	0000000000-0099999999; 0200000000-9999999999	Orange
Monaco - Country B	208 01	0100000000-0199999999	Orange/Monaco Télécom
France - Country A	208 10	0000000000 - 2654099999; 2654200000 - 2654299999; 2654400000 - 2754099999; 2754200000 - 2754299999; 2754400000 - 9999999999	Société Française du Radiotéléphone
Monaco - Country B	208 10	2654100000 - 2654199999; 2654300000 - 2654399999; 2754100000 - 2754199999; 2754300000 - 2754399999	Société Française du Radiotéléphone
France - Country A	208 20	0000000000 - 0055499999; 0055600000 - 2007199999; 2007300000 - 9999999999	Bouygues Telecom
Monaco - Country B	208 20	0055500000 - 0055599999; 2007200000 - 2007299999	Bouygues Telecom
Switzerland - Country A	228 01	20-35, 38, 40-44, 47, 52, 59, 60-62, 72, 77, 80	Swisscom Schweiz AG
Liechtenstein - Country B	228 01	37XXXXXXXX	Swisscom Schweiz AG
Luxembourg - Country A	270 77	000 x xxx xxx	Tango S.A.
Belgium - Country B	270 77	800 x xxx xxx; 801 x xxx xxx	Tango S.A.
Iceland - Country A	274 02	0-8	Og fjarskipti hf (Vodafone Iceland)
Faroe Islands - Country B	274 02	9	P/F Kall, reg. No 2868 (Vodafone FO)
Fiji - Country A	542 02	00xxxxxxx	Digicel (Fiji) Ltd
Nauru - Country B	542 02	0840xxxxxx	Digicel (Fiji) Ltd

* As defined in Annex E to Recommendation ITU-T E.212, extra-territorial use of an MCC+MNC is the term used to describe the situation where a MCC+MNC that has been assigned to an operator in one country, Country A, is used in another country, Country B, through a base station established in Country B.

** MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil
MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

*** MSIN: Mobile Subscription Identification Number / numéro d'identification d'abonnement mobile / número de identificación de suscripción al servicio móvil

**Notification of the use or cancellation of use of
an MCC/MNC extra-territorially**
(According to Recommendation ITU-T E.212, annex E)

This form should be used by each of the Administrations to notify the Director of TSB that the Administration has agreed that an operator can use/can cancel the use of an MCC+MNC of Country A in Country B.

MCC/MNC: _____

Administration Contact-Person Name: _____

Address:

Tel: _____ **Fax:** _____ **E-mail:** _____

MCC/MNC	Operator(s) Name	Country B – Where the MCC/MNC is to be used extra-territorially	MSIN range to be used in Country A	MSIN range to be used in Country B

Amendments

Amendment No.	Operational Bulletin No.	Country/area
1		
2		
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