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Annexe

Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 May 2009)

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.

- 932 Mobile Network Code (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 May 2009)
- 930 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (02/2005)) (Position on 15 April 2009)
- 919 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 November 2008)
- 909 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 June 2008)
- 907 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 1 May 2008)
- 905 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (02/2005)) (Position on 1 April 2008)
- 903 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (02/2005)) (Position on 1 March 2008)
- 899 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommendation E.218 (05/2004)) (Position on 1 January 2008)
- 897 List of Mobile Country or Geographical Area Codes (Complement to ITU-T Recommendation E.212 (05/2004)) (Position on 1 December 2007)
- 883 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 1 May 2007)
- 880 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 March 2007)
- 879 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 1 March 2007)
- 878 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 and F.68) (Position on 15 February 2007)
- 877 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 1 February 2007)
- 876 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 15 January 2007)
- 875 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 1 January 2007)
- 781 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 February 2003)
- 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 (07/2006))

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

Approval of ITU-T Recommendations

By TSB AAP-12, it was announced that the following Recommendations ITU-T were approved, in accordance with the procedures outlined in ITU-T Recommendation A.8:

- Recommendation ITU-T G.107 (29/04/2009): The E-model: a computational model for use in transmission planning
- Recommendation ITU-T G.709/Y.1331 (2003) Amendment 3 (22/04/2009)
- Recommendation ITU-T G.992.3 (22/04/2009): Asymmetric digital subscriber line transceivers 2 (ADSL2)
- Recommendation ITU-T G.997.1 (22/04/2009): Physical layer management for digital subscriber line (DSL) transceivers
- Recommendation ITU-T G.1082 (29/04/2009): Measurement-based methods for improving the robustness of IPTV performance
- Recommendation ITU-T G.8032/Y.1344 (2008) Amendment 1 (22/04/2009)
- Recommendation ITU-T H.324 (29/04/2009): Terminal for low bit-rate multimedia communication
- Recommendation ITU-T H.761 (29/04/2009): Nested context language (NCL) and Ginga-NCL for IPTV
- Recommendation ITU-T P.57 (29/04/2009): Artificial ears
- Recommendation ITU-T P.833.1 (29/04/2009): Methodology for the derivation of equipment impairment factors from subjective listening-only tests for wideband speech codecs
- Recommendation ITU-T P.834.1 (29/04/2009): Extension of the methodology for the derivation of equipment impairment factors from instrumental models for wideband speech codecs

Extra-territorial use of Mobile Country Code (MCC) and Mobile Network Code (MNC) (According to Annex E to Recommendation ITU-T E.212 (05/2008))

Note from TSB

At its meeting in September 2008, ITU-T Study Group 2 approved a new Annex E to Recommendation ITU-T E.212, on the use of a Mobile Country Code plus Mobile Network Code (MCC + MNC) in a country other than the country to which the MCC has been assigned by the Director of TSB. That Annex calls for both the concerned administrations to notify the Director of TSB with respect to extra-territorial use of an MCC and an MNC, and it includes forms for such notifications. To date, only one notification has been received by TSB.

In October 2007, a number of extra-territorial uses of an MCC and an MNC had been reported to ITU-T, involving a number of Caribbean countries and, in Europe, Monaco, San Marino and the Vatican City. If such extra-territorial uses of an MCC and an MNC continue then, pursuant to Annex E to Recommendation ITU-T E.212, such uses should be notified to TSB by the administrations of the concerned countries, and the concerned administrations are invited to do so.

Mobile Country or Geographical Area Codes (Recommendation ITU-T E.212)

Note from TSB

Identification codes for International Mobile Networks

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network codes (MNC) have been assigned:

<i>Network</i>	<i>Mobile Country Code (MCC)* and Mobile Network Code (MNC)**</i>
Onair	901 27
Vodafone Group	901 28

* 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.

See the present ITU Operational Bulletin No. 932 of 15.V.2009, page 23.

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

Note from TSB

At the request of the Administrations of Afghanistan and Viet Nam, the Director of TSB has assigned the following signalling area/network codes (SANC) for use in the international part of the signalling system No. 7 network of these countries/geographical areas, in accordance with ITU-T Recommendation Q.708 (03/99):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Afghanistan	4-137
Viet Nam (Socialist Republic of)	4-205

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

Telegram service

Latvia

Communication of 1.V.2009:

The *Administration of Latvia*, Riga, announces that, as from 1 July 2009, Latvia Post will suspend the incoming telegrams bearing the following special service indications: LX, LXDEUIL, URGENT (urgent transmission and delivery), TLXx (telex delivery), TFX (telephone delivery), FAXx (facsimile delivery), TTX, OBS, LT (letter telegram), LTF. In addition, Latvia Post will deliver only ordinary telegrams from all countries that provide telegraph services. The telegrams will be delivered by post as registered items.

Concerning the outbound telegraph service, Latvia Post will continue to accept telegrams only to the following countries: Armenia, Azerbaijan, Byelorussia, Georgia, Kazakhstan, Kyrgyzstan, Moldavia, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan. To all other countries, all telegraph services will be suspended on 1 July 2009.

For further information, please contact:

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 Latvia Post
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 Tel: +371 6701 8800
 Fax: +371 6701 8823
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Telephone Service

Egypt (country code +20)

Communication of 14.IV.2009:

The *National Telecom Regulatory Authority (NTRA)*, Cairo, announces the entry into service of the following subscriber number ranges and extensions (E):

<i>Exchange</i>	<i>Area code</i>	<i>Numbering range</i>	<i>In-service date</i>
El Tagmoa El Khames (E)	2	26184616 – 26185639	23.III.2009
Telbana Kaysr (E)	40	3162750 – 3162829	2.III.2009
El Korshya (E)	40	5327490 – 5327569	2.III.2009
Mehalet Marhoom (E)	40	3610990 – 3611165	2.III.2009
Al Negela (E)	45	3773000 – 3774499	15.III.2009
Sharnoub (E)	45	3013128 – 3014127	19.III.2009
Al Tood (E)	45	3765000 – 3765319	24.III.2009
Shabas Ameer (E)	47	3474000 – 3474519	1.III.2009
Shabas Ameer (E)	47	3474520 – 3475031	10.III.2009
Meleg (E)	48	2277618 – 2277744	2.III.2009
Sherbeen(E)	50	7942000 – 7942318	2.III.2009
Raas El Khaleeg (E)	50	7975000 – 7975126	2.III.2009
Kom El Nour (E)	50	6988000 – 6988143	2.III.2009
El Samarah (E)	50	6642144 – 6642655	10.III.2009
Kafr Baheda (E)	50	6813216 – 6813727	15.III.2009
Kafr Bahout (E)	50	2451024 – 2451151	8.III.2009
El Shawamy	50	2898000 – 2899999	29.III.2009
Bandaf (E)	55	3372000 – 3372047	8.III.2009
Debeg (E)	55	3012000 – 3012143	8.III.2009
Luxor 2(E)	95	2284864 – 2289343	23.III.2009

Contact:

Eng. Yasmina Alaa
Numbering Department
National Telecom Regulatory Authority (NTRA)
Smart Village, Building (B4)
Alex Desert Road
CAIRO
Egypt
Tel: +20 2 3534 4239
Fax: +20 2 3534 4155
E-mail: numbering@tra.gov.eg

Kuwait (country code +965)

Communication of 13.IV.2009:

The *Ministry of Communications (MoC)*, Safat, announces that the new mobile numbering range 949 XXXXX has been introduced by mobile operator «Zain»:

<i>Operator</i>	<i>Number series</i>
Zain	949 XXXXX

Contact:

ISCC Kuwait
Ministry of Communications (MoC)
P.O. Box 318
11111 SAFAT
Kuwait
Tel: +965 2241 1777
Fax: +965 2241 9815
E-mail: isckkuwait@hotmail.com
URL: www.moc.kw

Lebanon (country code +961)

Communication of 30.IV.2009:

The *Ministry of Telecommunications*, Beirut, announces the assignment of a new mobile number series 71 100 000 – 71 199 999 in Lebanon since 5 March 2009.

The GSM mobile numbering plan in Lebanon is:

<i>Service</i>	<i>Number series</i>	<i>Date of activation</i>
Mobile	3 000 000 – 3 999 999	Existing
	70 000 000 – 70 999 999	Existing
	71 100 000 – 71 199 999	5.III.2009

Contact:

Eng. Khaled Ghosn
Head of International Exploitation Services
Ministry of Telecommunications
General Directorate of Exploitation and Maintenance
International Exploitation Service
Square Ryad El-Solh
Bank's Street
BEYROUTH
Lebanon
Tel: +961 3 399 906
Fax: +961 1 979 375

Liberia (country code +231)

Communication of 14.IV.2009:

The *Liberia Telecommunications Authority*, Monrovia, announces that the following new fixed number series have been assigned to incumbent operator «Liberia Telecommunications Corporation (LIBTELCO)»:

- Fixed service

(1)	(2)		(3)	(4)
NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Use of E.164 Number	Additional information
	Maximum length	Minimum length		
20 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
21 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
22 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
23 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
24 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
25 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
26 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
27 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
28 XXX XXX	8	8	Fixed service	Operator – LIBTELCO
29 XXX XXX	8	8	Fixed service	Operator – LIBTELCO

- Mobile service

(1)	(2)		(3)	(4)
NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Use of E.164 Number	Additional information
	Maximum length	Minimum length		
46 XX XXX	7	7	Mobile service	Operator – LiberCell
47 XX XXX	7	7	Mobile service	Operator – LiberCell
5 XXX XXX	7	7	Mobile service	Operator – Comium Liberia
64 XX XXX	7	7	Mobile service	Operator – LoneStar
65 XX XXX	7	7	Mobile service	Operator – LoneStar
7 XXX XXXX	8	8	Mobile service	Operator – Cellcom Liberia

All administrations and Recognized Operating Agencies (ROAs) are requested to ensure that the above numbering ranges are programmed in their switches.

Contact:

Mr Damini A Waritay
Acting Chairman
Liberia Telecommunications Authority
12 Street Sinkor/Tubman Boulevard
MONROVIA
Liberia
Mobile: +231 7705 3051
Fax: +231 2100 0020

Nauru (country code +674)

Communication of 24.IV.2009:

The *Secretary for Communications*, Nauru, announces the following amendments to the existing telephone numbering plan of Nauru:

- Mobile network

Number series	
555 XYYY*	558 XYYY*
556 XYYY*	559 XYYY*
557 XYYY*	

* where X = 0 to 9 and Y = 0 to 9

- Fixed network

Number series	
444 XYYY*	888 XYYY*

* where X = 0 to 9 and Y = 0 to 9

Contact:

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Ministry of Transport & Telecommunications
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Yaren District
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E-mail: secretary.telecommunications@naurugov.nr

Netherlands (country code +31)

Communication of 15.IV.2009:

KPN, Royal Dutch Telecom, The Hague, announces that the additional number series

+31 68 4XX XX XX

has been introduced in the T-Mobile network of the Netherlands until 1 June 2009. After that date these series will use the Vodafone network.

Consequently, the following number series will be available in the Netherlands for mobile telephony as from 4 May 2009:

+31 61 0XX XX XX	up to and including	+31 61 9XX XX XX
+31 62 0XX XX XX	up to and including	+31 62 9XX XX XX
+31 63 0XX XX XX	up to and including	+31 63 4XX XX XX
+31 63 6XX XX XX	up to and including	+31 63 9XX XX XX
+31 64 0XX XX XX	up to and including	+31 64 9XX XX XX
+31 65 0XX XX XX	up to and including	+31 65 9XX XX XX
+31 66 0XX XX XX		
+31 66 5XX XX XX		
+31 68 0XX XX XX	up to and including	+31 68 1XX XX XX
+31 68 3XX XX XX		
+31 68 4XX XX XX		

Administrations and Recognized Operating Agencies (ROAs) are requested to provide access to these number series if routing via KPN is applied.

Collect calls to mobile telephone numbers in the Netherlands are not allowed.

Contact:

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2500 GA THE HAGUE
Netherlands
Tel: +31 70 34 31682
Fax: +31 70 44 66825
E-mail: rvogels@ibasis.net
URL: youchooseweconnect.com

Poland (country code +48)

Communication of 20.IV.2009:

The *Ministry of Infrastructure, Warsaw*, announces the following telephone numbering plan for Poland:

Presentation of E.164 national numbering for country code +48 (Poland)

Overview:

Minimum number length (excluding the country code): six (6) digits.
Maximum number length (excluding the country code): nine (9) digits.

Details of numbering scheme:

(1)	(2)		(3)	(4)
NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
118 (NDC)	6	6	Non-geographic number	Directory Enquiry Services
12 (NDC)	9	6	Geographic number	Area code for Krakow
13 (NDC)	9	6	Geographic number	Area code for Krosno
14 (NDC)	9	6	Geographic number	Area code for Tarnow
15 (NDC)	9	6	Geographic number	Area code for Tarnobrzeg
16 (NDC)	9	6	Geographic number	Area code for Przemysl
17 (NDC)	9	6	Geographic number	Area code for Rzeszow
18 (NDC)	9	6	Geographic number	Area code for Nowy Sacz
20 (NDC)	6	6	Non-geographic number	Teleinformatic networks (Dial-up access)
22 (NDC)	9	6	Geographic number	Area code for Warszawa
23 (NDC)	9	6	Geographic number	Area code for Ciechanow
24 (NDC)	9	6	Geographic number	Area code for Plock
25 (NDC)	9	6	Geographic number	Area code for Siedlce
29 (NDC)	9	6	Geographic number	Area code for Ostroleka
32 (NDC)	9	6	Geographic number	Area code for Katowice
33 (NDC)	9	6	Geographic number	Area code for Bielsko Biala
34 (NDC)	9	6	Geographic number	Area code for Czestochowa

(1)	(2)		(3)	(4)
NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
41 (NDC)	9	6	Geographic number	Area code for Kielce
42 (NDC)	9	6	Geographic number	Area code for Lodz
43 (NDC)	9	6	Geographic number	Area code for Sieradz
44 (NDC)	9	6	Geographic number	Area code for Piotrkow Trybunalski
46 (NDC)	9	6	Geographic number	Area code for Skierniewice
48 (NDC)	9	6	Geographic number	Area code for Radom
50 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
51 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
52 (NDC)	9	6	Geographic number	Area code for Bydgoszcz
54 (NDC)	9	6	Geographic number	Area code for Wloclawek
55 (NDC)	9	6	Geographic number	Area code for Elblag
56 (NDC)	9	6	Geographic number	Area code for Torun
58 (NDC)	9	6	Geographic number	Area code for Gdansk
59 (NDC)	9	6	Geographic number	Area code for Slupsk
600 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
601 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
602 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
603 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
604 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
605 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
606 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
607 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
608 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
609 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
61 (NDC)	9	6	Geographic number	Area code for Poznan
62 (NDC)	9	6	Geographic number	Area code for Kalisz
63 (NDC)	9	6	Geographic number	Area code for Konin
642 (NDC)	9	6	Non-geographic number	Paging – METRO-BIP
65 (NDC)	9	6	Geographic number	Area code for Leszno
660 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
661 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
662 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
663 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
664 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
665 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
6660 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6661 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6662 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6663 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6664 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6665 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6666 (NDC)	9	9	Non-geographic number	Mobile telephony service – Telekomunikacja Kolejowa GSM-R
6667 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6668 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
6669 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
667 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
668 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
669 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
67 (NDC)	9	6	Geographic number	Area code for Pila
68 (NDC)	9	6	Geographic number	Area code for Zielona Gora
690 (NDC)	9	9	Non-geographic number	Mobile telephony service (NMT450) PTK Centertel
691 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
692 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
693 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
694 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
695 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
696 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
697 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
698 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
69900 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69901 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Tele 2 Polska
69902 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69903 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat

(1)	(2)		(3)	(4)
NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
69904 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69905 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69906 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69907 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69908 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69909 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
6991 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69920 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69921 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69922 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – E-Telko
69923 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69924 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69925 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69926 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69927 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69928 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69929 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
6993 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
6994 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
6995 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Telefonía Dialog
69960 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – GTS Energis
69961 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69962 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69963 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69964 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69965 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69966 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69967 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – MPAY
69968 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Polsat
69969 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – MPAY

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
6997 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Telefonía Dialog
6998 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Telefonía Dialog
6999 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – Telefonía Dialog
71 (NDC)	9	6	Geographic number	Area code for Wrocław
720 (NDC)	9	9	Non-geographic number	Mobile telephony service – CenterNet
721 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
722 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
723 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
724 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
725 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
726 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7271 (NDC)	9	9	Non-geographic number	Mobile telephony service – Nordisk
7272 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7273 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7274 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7275 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7276 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7277 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7278 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7279 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7280 (NDC)	9	9	Non-geographic number	Mobile telephony service – Mobyland
7281 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7282 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7283 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7284 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7285 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7286 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7287 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7288 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
7289 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
7290 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – GADU-GADU
7291 (NDC)	9	9	Non-geographic number	Mobile telephony service (MVNO) – GADU-GADU
74 (NDC)	9	6	Geographic number	Area code for Walbrzych
75 (NDC)	9	6	Geographic number	Area code for Jelenia Gora
76 (NDC)	9	6	Geographic number	Area code for Legnica
77 (NDC)	9	6	Geographic number	Area code for Opole
780 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
781 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
782 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
783 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
784 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
785 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
7860 (NDC)	9	9	Non-geographic number	Mobile telephony service – MNI Telecom
7861 (NDC)	9	9	Non-geographic number	Mobile telephony service – MNI Telecom
7862 (NDC)	9	9	Non-geographic number	Mobile telephony service – MNI Telecom
7863 (NDC)	9	9	Non-geographic number	Mobile telephony service – MNI Telecom
7864 (NDC)	9	9	Non-geographic number	Mobile telephony service – MNI Telecom
7865 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
7866 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
7867 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
7868 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
7869 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
787 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
788 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
789 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
790 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4
791 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4
792 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4
793 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4
794 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
795 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
796 (NDC)	9	9	Non-geographic number	Mobile telephony service – P4
797 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
798 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
799 (NDC)	9	9	Non-geographic number	Mobile telephony service – Orange
81 (NDC)	9	6	Geographic number	Area code for Lublin
82 (NDC)	9	6	Geographic number	Area code for Chelm
83 (NDC)	9	6	Geographic number	Area code for Biala Podlaska
84 (NDC)	9	6	Geographic number	Area code for Zamosc
85 (NDC)	9	6	Geographic number	Area code for Bialystok
86 (NDC)	9	6	Geographic number	Area code for Lomza
87 (NDC)	9	6	Geographic number	Area code for Suwalki
880 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
881 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
882 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
883 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
884 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
885 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
886 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
887 (NDC)	9	9	Non-geographic number	Mobile telephony service – Polkomtel
888 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
889 (NDC)	9	9	Non-geographic number	Mobile telephony service – PTC
89 (NDC)	9	9	Geographic number	Area code for Olsztyn
91 (NDC)	9	9	Geographic number	Area code for Szczecin
94 (NDC)	9	9	Geographic number	Area code for Koszalin
95 (NDC)	9	9	Geographic number	Area code for Gorzow Wielkopolski

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Solomon Islands (country code +677)

Communication of 15.IV.2009:

Solomon Telekom Company Ltd, Honiara, announces that all communications destined to country code +677 should be terminated in their network in Solomon Islands.

E.164 National Numbering Plan (NNP) for country code +677

Overview:

The Solomon Islands national numbering is presently administered by "Solomon Telekom Company Ltd", the national and international carrier.

Minimum number length (excluding the country code) : five (5) digits.

Maximum number length (excluding the country code): five (5) digits.

All assigned numbers with country code +677 should be routed for termination into the "Solomon Telekom Company Ltd" networks (fixed and GSM mobile) physically located in Solomon Islands.

Detail of numbering scheme

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits or N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Use of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
10-12	5	5	Reserved for future use	
13	5	5	Non-geographic number – Free call service	
14-17	5	5	Geographic number – Fixed services	
18	5	5	Non-geographic number – Toll free services	
19	5	5	Geographic number – Fixed services	
2	5	5	Geographic number – Fixed services	
3	5	5	Geographic number – Fixed services	
40-41	5	5	Geographic number – Fixed services	
42	5	5	Non-geographic number services	Digital Mobile GSM
43	5	5	Geographic number fixed GSM public phone	
44-47	5	5	Non-geographic number services	Digital Mobile GSM
48	5	5	Non-geographic number services	Number for postpaid platform users
49	5	5	Non-geographic number services	Digital Mobile GSM
50	5	5	Geographic number – Fixed services	

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits or N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Use of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
51-52	5	5	Reserved for seven-digit mobile numbers	To be implemented by mid-2009 for GSM mobile
53	5	5	Geographic number fixed services	
54-59	5	5	Non-geographic number services	Digital Mobile GSM
60-63	5	5	Geographic number – Fixed services	
64	5	5	Non-geographic number service	Digital Mobile GSM
65-66	5	5	Non-geographic number service	Digital Mobile GSM
67	5	5	Non-geographic number service	Digital Mobile GSM
68-73	5	5	Non-geographic number service	Digital Mobile GSM
74	5	5	Voice mail service	
75-79	5	5	Non-geographic number service	Digital Mobile GSM
8	5	5	Non-geographic number service	Digital Mobile GSM
9	5	5	Non-geographic number service	Digital Mobile GSM

Contact:

Mr Loyley Ngira
Chief Operating Officer
Solomon Telekom Company Ltd
Telekom House
Mendana Avenue
P.O. Box 148
HONIARA
Solomon Islands
Tel: +677 24800
Fax: +677 22121
E-mail: loyley.ngira@telekom.com.sb

Sudan (country code +249)

Communication of 9.IV.2009:

The *National Telecommunication Corporation (NTC)*, Khartoum, announces the introduction of the following new National Destination Code (NDC) in Sudan:

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
99 (NDC)	9	9	Non-geographic number – mobile service	Privet Network (NEC)

Contact:

Mr Abbas Arabi Abdalla
National Telecommunication Corporation (NTC)
NTC Building
M. Najeeb Street
Amarat
P.O.Box 2869
KHARTOUM 11111
Sudan
Tel: +249 183 483 203
Fax: +249 183 483 202
E-mail: abbas@ntc.org.sd

Service Restrictions

Note from TSB

The communications from the following countries concerning the Service Restrictions relating to the various international telecommunication services offered to the public have been published individually in the ITU Operational Bulletin (OB):

<i>Country/geographical area</i>	<i>OB</i>	<i>Country/geographical area</i>	<i>OB</i>
Antigua and Barbuda	798 (p.5)	Mauritius	610 (p.6)
Aruba	776 (p.6)	Morocco	692 (p.8), 707 (p.5), 727 (p.5)
Australia	726 (p.13, p.31)	Netherlands	892 (p.19), 932 (p.9)
Austria	682 (p.5)	Netherlands Antilles	770 (p.9), 786 (p.7)
Azerbaijan	637 (p.20)	New Caledonia	896 (p.18)
Barbados	783 (p.5-6)	Nigeria	829 (p.18)
Belgium	683 (p.6), 776 (p.36)	Norway	682 (p.5), 716 (p.17)
Belize	845 (p.12)	Pakistan	827 (p.14), 852 (p.13)
Bulgaria	826 (p.13)	Panama	805 (p.18), 839 (p.6)
Canada	692 (p.4)	Peru	753 (p.9)
Cayman Islands	808 (p.7-9), 829 (p.7)	Portugal	757 (p.4)
China	640 (p.4)	Romania	829 (p.18)
Colombia	835 (p.8)	Russian Federation	635 (p.4)
Cyprus	784 (p.3), 802 (p.5), 825 (p.15), 828 (p.36), 871 (p.5), 889 (p.6)	Saint Lucia	853 (p.12)
Denmark	719 (p.5) 835 (p.5), 840 (p.4)	Saint Vincent and the Grenadines	797 (p.21)
Dominica	785 (p.5), 796 (p.4-5)	San Marino	834 (p.18)
Fiji	824 (p.10)	Saudi Arabia	826 (p.13)
Finland	704 (p.13), 726 (p.12)	Serbia	778 (p.16), 804 (p.8)
France	924 (p.12)	Singapore	649 (p.6), 701 (p.5), 829 (p.19)
Germany	707 (p.3) 714 (p.6), 788 (p.18)	Slovakia	790 (p.4), 798 (p.12), 853 (p.15)
Gibraltar	739 (p.13)	Slovenia	609 (p.15), 700 (p.9), 711 (p.8), 791 (p.4)
Greenland	762 (p.7)	South Africa	667 (p.11)
Guyana	778 (p.6-11)	Sri Lanka	865 (p.11)
Honduras	799 (p.19)	Sudan	827 (p.34)
Hungary	911 (p.21)	Swaziland	877 (p.16)
Iceland	802 (p.10)	Sweden	699 (p.9), 818 (p.11)
Indonesia	726 (p.16, p.31), 790 (p.3), 844 (p.9)	Syrian Arab Republic	828 (p.38)
Italy	690 (p.3)	Trinidad and Tobago	879 (p.21), 894 (p.15)
Japan	782 (p.7), 846 (p.16)	Turkey	828 (p.38)
Kenya	748 (p.4)	Turks and Caicos Islands	849 (p.21)
Kuwait	641 (p.3), 826 (p.13)	United Arab Emirates	701 (p.12), 724 (p.7), 825 (p.15)
Lebanon	824 (p.10)	United Kingdom	783 (p.4)
Malawi	699 (p.6), 714 (p.12)	Uruguay	841 (p.20)
Malaysia	726 (p.12)	Vanuatu	740 (p.11)
Maldives	766 (p.19)	Yemen	828 (p.38)

Call-Back and alternative calling procedures (Res. 21 Rev. PP-2002)

Note from TSB

Countries/geographical areas for which information regarding "Call-Back and certain alternative calling procedures not in accordance with the relevant regulations" has been published in the ITU Operational Bulletin (No...):

Algeria (621), Azerbaijan (663), Bahrain (611), Belarus (616), Bosnia and Herzegovina (772), Bulgaria (665), Burkina Faso (631), Burundi (607), Cameroon (671), China (599), Colombia (602), Cook Islands (681), Cuba (632), Cyprus (626), Dem. Rep. of the Congo (672), Djibouti (614), Ecuador (619), Egypt (599, 690), Ethiopia (657), Gabon (631), Guinea (681), Honduras (613), India (627), Jamaica (648), Japan (649), Jordan (652), Kazakhstan (619), Kenya (605), Kyrgyzstan (616), Kuwait (610), Latvia (617), Lebanon (642), Madagascar (639), Malaysia (603), Malta (688), Mexico (697), Monaco (749), Morocco (619), Netherlands Antilles (627), Niger (618), Nigeria (647), Qatar (593), Saudi Arabia (629), Seychelles (631), South Africa (655), Sudan (686), Tanzania (624), Thailand (611), Turkey (612), Uganda (603), United Arab Emirates (627), Viet Nam (619), Wallis and Futuna (649), Yemen (622).

In addition, the following countries/geographical areas stated that the practice of "Call-back" is prohibited on their territory:

Albania, Armenia, Bahamas, Belize, Benin, Brazil, Brunei Darussalam, Cambodia, Central African Rep., Chad, Comoros, Costa Rica, Côte d'Ivoire, Dominica, Eritrea, Fiji, Gambia, Ghana, Greece, Guyana, Haiti, Hungary, Indonesia, Iran (Islamic Republic of), Ireland, Israel, Kiribati, Korea (Rep. of), Lesotho, Macao (China), Malawi, Mali, Mauritius, Mauritania, Moldova, Mozambique, New Caledonia, Nicaragua, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Romania, Samoa, San Marino, Serbia, Slovakia, Sri Lanka, Suriname, Syrian Arab Republic, The Former Yugoslav Republic of Macedonia, Tonga, Trinidad and Tobago, Tunisia, Tuvalu, Vanuatu, Venezuela, Zambia, Zimbabwe.

This information is the result of a survey made by ITU-T Study Group 3 in accordance with Resolution 21 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference (Marrakesh, 2002) and Resolution 29 of the World Telecommunication Standardization Assembly, WTSA-2000 (Montreal, 2000).

All the countries/geographical areas which prohibit or allow the practice of "Call-Back" are listed on the ITU website at the following address:

www.itu.int/itu-t/special-projects/callback/index.html

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	insert	PAR	paragraph
COL	column	REP	replace
LIR	read	SUP	delete
P	page(s)		

List of Issuer Identifier Numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 November 2008)

(Annex to ITU Operational Bulletin No. 919 – 1.XI.2008)

(Amendment No. 10)

P 36 **Pakistan** 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>
Pakistan	CMPak Limited 68-E Jinnah Avenue Blue Area ISLAMABAD	89 92 04	Mr Javed Ghafoor Director, Regulatory & Corporate Affairs 68-E Jinnah Avenue Blue Area ISLAMABAD Tel: +92 314 559 4727 Fax: +92 51 111 031 031 E-mail: javed.ghafoor@zong.com.pk URL: www.zong.com.pk	11.XI.2008

Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164) (Position on 1 March 2008)

(Annex to ITU Operational Bulletin No. 903 – 1.III.2008)

(Amendment No. 22)

<i>Country/geographical area</i>	<i>E.164 Country Code</i>	<i>Mobile telephone numbers, first digits after country code</i>
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P 4 **Greenland (Denmark)** LIR

Greenland (Denmark)	299	22-29, 42-49, 52-59
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P 3 **Mauritania (Islamic Republic of)** LIR

Mauritania (Islamic Republic of)	222	3, 61-64, 66, 71-73
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P 4 Nigeria (Federal Republic of) LIR

Nigeria (Federal Republic of)	234	70, 80, 81
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P 4 Tanzania (United Republic of) LIR

Tanzania (United Republic of)	255	61, 65, 68, 71-79
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**Mobile Country or Geographical Area Codes
(Complement to Recommendation ITU-T E.212 (05/2008))
(Position on 1 December 2007)**

(Annex to ITU Operational Bulletin No. 897 – 1.XII.2007)

(Amendment No. 8)

P 15 Note c.

Associated with shared mobile country code (MCC) 901, the following two-digit mobile network codes (MNC) have been assigned to the international mobile networks:

ADD

<i>Network</i>	<i>Mobile Country Code (MCC) and Mobile Network Code (MNC)*</i>	<i>Status</i>
Onair	901 27	Assigned
Vodafone Group	901 28	Assigned

* 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.

* See present ITU Operational Bulletin No 932 of 15.V.2009, page 5.

**Mobile Network Code (MNC) for the international identification plan
for mobile terminals and mobile users
(According to Recommendation ITU-T E.212 (05/2008))
(Position on 1 February 2008)**

(Annex to ITU Operational Bulletin No. 901 – 1.II.2008)

(Amendment No. 24)

P 13 International Mobile ADD

<i>Country/geographical area</i>	<i>MCC* + MNC**</i>	<i>Name of network/operator</i>
International Mobile, shared code	901 27	Onair
International Mobile, shared code	901 28	Vodafone Group

P 21 Sudan ADD

<i>Country/geographical area</i>	<i>MCC* + MNC**</i>	<i>Name of network/operator</i>
Sudan	634 09	Privet Network (NEC)

* 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 ITU Carrier Codes
(According to ITU-T Recommendation M.1400)**

<http://www.itu.int/itu-t/inr/icc/index.html>

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
<i>Australie / Aus</i> <i>Australia / Aus</i> <i>Australia / Aus LIR</i>		
Reach Networks Australia Pty Ltd Floor 7, 363 Oxford Street PADDINGTON NSW 2021, Australia	REACH	Mr Wayne Grady Tel: +61 2 8289 0010 Fax: +61 2 9339 6982 E-mail: wayne.grundy@reach.com

**List of Signalling Area/Network Codes (SANC)
(Complement to ITU-T Recommendation Q.708 (03/99))
(Position on 1 May 2008)**

(Annex to ITU Operational Bulletin No. 907 – 1.V.2008)

(Amendment No. 19)

Numerical Order ADD

P 11	4-137	Afghanistan
P 12	4-205	Viet Nam (Socialist Republic of)

Alphabetical Order ADD

P 18	4-137	Afghanistan
P 32	4-205	Viet Nam (Socialist 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 ITU-T Recommendation Q.708 (03/99))
(Position on 1 June 2008)**

(Annex to ITU Operational Bulletin No. 909 – 1.VI.2008)

(Amendment No. 23)

Country/ Geographical Area ISPC/DEC			Unique name of the signalling point	Name of the signalling point operator
P 23	Georgia	ADD		
	3-246-6	8118		United Telecom
P 34	Iceland	SUP		
	2-148-2	5282	091C	Nüll Niù eht
	2-148-7	5287	TAL IC	TAL Ltd
P 36	Ireland	ADD		
	2-144-6	5254	Willsborough (W31)	Telefonica O2 Ireland Ltd – Trading as O2
P 51	ADD	Nauru		
	5-072-2	10818	Digicel Nauru Limited	Digicel Nauru Ltd
	5-072-3	10819	Digicel Nauru Limited	Digicel Nauru Backup
P 69	Sudan	ADD		
	6-069-7	12847	Signalling Gateway	Privet Network NEC
P 70	Sweden	ADD		
	2-205-3	5739	Stockholm (SWE-STHLM01)	42IT AB
P 93	United States	ADD		
	3-203-6	7774	Miami, FL	TransPacific Telecom
P 94	Viet Nam	REP	all information by:	
	4-103-0	9016		Viettel Corporation (VIETEL)
	4-103-1	9017		EVN Telecom (EVNT)
	4-103-2	9018		EVN Telecom (EVNT)
	4-103-3	9019		Saigon Postel Corporation (SPT)
	4-103-4	9020		Viettel Corporation (VIETEL)
	4-103-5	9021		Vietnam Posts and Telecommunications Corporation (VNPT)
	4-103-6	9022		Viettel Corporation (VIETEL)
	4-103-7	9023		Vietnam Posts and Telecommunications Corporation (VNPT)
	4-104-0	9024	Gateway Hanoi	Vietnam Posts and Telecommunications Corporation (VNPT)
	4-104-1	9025	Gateway Danang	Vietnam Posts and Telecommunications Corporation (VNPT)
	4-104-2	9026	Gateway HCM	Vietnam Posts and Telecommunications Corporation (VNPT)

4-104-3	9027	SCCP Hanoi	Vietnam Posts and Telecommunications Corporation (VNPT)
4-104-4	9028	SCCP HCM	Vietnam Posts and Telecommunications Corporation (VNPT)
4-104-5	9029	SCCP Hanoi	Vietnam Posts and Telecommunications Corporation (VNPT)
4-104-6	9030	SCCP HCM	Vietnam Posts and Telecommunications Corporation (VNPT)
4-104-7	9031	Gateway Hanoi	Viettel Corporation (VIETEL)

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

National Numbering Plan (According to ITU-T Recommendation E.129 (09/2002))

<http://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 ITU-T Recommendation E.129. They are reminded that they will be responsible for the timely update of this information.

From 1.IV.2009 to 15.IV.2009 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country code (CC)</i>
Greenland	+299
Mauritania	+222
New Caledonia	+687
Nigeria	+234
Tanzania	+255
Voxbone SA	+883 5100

*Annex to ITU Operational Bulletin
No. 932 – 15.V.2009*

**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 (05/2008))

(POSITION ON 15 MAI 2009)

Geneva, 2009

Mobile Network Codes (MNC)

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. 932 of 15.V.2009. 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 at www.itu.int/itu-t/inr/forms/mnc.html.
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 at www.itu.int/itu-t/bulletin/annex.html and can be consulted by subscribers by remote access.
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) for the international identification plan for public networks and subscriptions

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Afghanistan</i>		
AWCC	412	01
Roshan	412	20
New1	412	30
Areeba Afghanistan	412	40
Afghan Telecom	412	88
<i>Albania</i>		
AMC	276	01
Vodafone Albania	276	02
Eagle Mobile	276	03
<i>Algeria</i>		
Algérie Telecom	603	01
Orascom Telecom Algérie	603	02
<i>Andorra</i>		
Mobiland	213	03
<i>Angola</i>		
Unitel	631	02
<i>Anguilla</i>		
Weblinks Limited	365	010
<i>Antigua and Barbuda</i>		
APUA PCS	344	030
Cable & Wireless (Antigua)	344	920
AT&T Wireless (Antigua)	344	930
<i>Argentina</i>		
Compañía de Radiocomunicaciones Móviles 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
Compañía de Telefonos del Interior S.A.	722	330
Telecom Personal S.A.	722	341
<i>Aruba</i>		
Setar GSM	363	01
<i>Australia</i>		
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
Advanced Communications Technologies Pty. Ltd.	505	24

Country or Geographical Area Networks	MCC + MNC codes*	
Telstra Corporation Ltd.	505	71
Telstra Corporation Ltd.	505	72
Localstar Holding Pty. Ltd.	505	88
Optus Ltd.	505	90
One.Tel GSM 1800 Pty. Ltd.	505	99
<i>Austria</i>		
Mobilkom Austria Aktiengesellschaft	232	01
Mobilkom Austria Aktiengesellschaft	232	02
T-Mobile Austria GmbH	232	03
T-Mobile Austria GmbH	232	04
Orange Austria Telecommunication GmbH	232	05
Orange Austria Telecommunication GmbH	232	06
T-Mobile Austria GmbH	232	07
Mobilkom Austria Aktiengesellschaft	232	09
Hutchison 3G Austria GmbH	232	10
Mobilkom Austria Aktiengesellschaft	232	11
Orange Austria Telecommunication GmbH	232	12
Hutchison 3G Austria GmbH	232	14
Barablu Mobile Austria Ltd	232	15
OBB - Infrastruktur Bau AG	232	91
<i>Azerbaijan</i>		
Azercell Limited Liability Joint Venture	400	01
Bakcell Limited Liability Company	400	02
Catel JV	400	03
Azerphone LLC	400	04
<i>Bahrain</i>		
BHR Mobile Plus	426	01
<i>Bangladesh</i>		
GramenPhone	470	01
Aktel	470	02
Mobile 2000	470	03
<i>Barbados</i>		
Cable & Wireless (Barbados) Ltd.	342	600
Sunbeach Communications	342	820
<i>Belarus</i>		
MDC Velcom	257	01
MTS	257	02
<i>Belgium</i>		
Proximus	206	01
Mobistar	206	10
Base	206	20
<i>Belize</i>		
Belize Telecommunications Ltd., GSM 1900	702	67
International Telecommunications Ltd. (INTELCO)	702	68
<i>Benin</i>		
Libercom	616	01
Telecel	616	02
Spacotel Benin	616	03
<i>Bhutan</i>		
Bhutan Telecom Ltd	402	11
B-Mobile of Bhutan Telecom	402	17
<i>Bolivia</i>		
Nuevatel S.A.	736	01

Country or Geographical Area Networks	MCC + MNC codes*	
ENTEL S.A.	736	02
Telecel S.A.	736	03
<i>Bosnia and Herzegovina</i>		
Eronet Mobile Communications Ltd.	218	03
MOBI'S (Mobilina Srpske)	218	05
GSMBIH	218	90
<i>Botswana</i>		
Mascom Wireless (Pty) Ltd.	652	01
Orange Botswana (Pty) Ltd.	652	02
<i>Brazil</i>		
Telet	724	00
CRT Cellular	724	01
Global Telecom	724	02
CTMR Cel	724	03
BCP	724	04
Telesc Cel	724	05
Tess	724	06
Sercontel Cel	724	07
Maxitel MG	724	08
Telepar Cel	724	09
ATL Algar	724	10
Telems Cel	724	11
Americel	724	12
Telesp Cel	724	13
Maxitel BA	724	14
CTBC Cel	724	15
BSE	724	16
Ceterp Cel	724	17
Norte Brasil Tel	724	18
Telemig Cel	724	19
Telerj Cel	724	21
Telest Cel	724	23
Telebrasil Cel	724	25
Telegoias Cel	724	27
Telemat Cel	724	29
Teleacre Cel	724	31
Teleron Cel	724	33
Telebahia Cel	724	35
Telergipe Cel	724	37
Telasa Cel	724	39
Telpe Cel	724	41
Telepisa Cel	724	43
Telpa Cel	724	45
Telern Cel	724	47
Teleceara Cel	724	48
Telma Cel	724	51
Telepara Cel	724	53
Teleamazon Cel	724	55
Teleamapa Cel	724	57
Telaima Cel	724	59
<i>British Virgin Islands</i>		
Cable & Wireless (BVI) Ltd	348	170
BVI Cable TV Ltd	348	370
Caribbean Cellular Telephone Ltd.	348	570
Digicel (BVI) Ltd	348	770

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Brunei Darussalam</i>		
DST Com	528	11
<i>Bulgaria</i>		
M-Tel GSM BG	284	01
Globul	284	05
<i>Burkina Faso</i>		
Celtel	613	02
Telecel	613	03
<i>Burundi</i>		
Spacetel Burundi	642	01
Safaris	642	02
Telecel Burundi Company	642	03
<i>Cambodia</i>		
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
<i>Cameroon</i>		
Mobile Telephone Networks Cameroon	624	01
Orange Cameroun	624	02
<i>Canada</i>		
Cleartel	302	36
Microcell	302	37
Ice Wireless	302	62
Aliant Mobility	302	63
Bell Mobility	302	64
Tbay Mobility	302	656
MTS Mobility	302	66
CityTel Mobility	302	67
Sask Tel Mobility	302	68
Globalstar	302	71
Rogers Wireless	302	72
Telus Mobility	302	86
<i>Cape Verde</i>		
Cabo Verde Telecom	625	01
T+Telecomunicações	625	02
<i>Cayman Islands</i>		
Cable & Wireless (Cayman)	346	140
<i>Central African Rep.</i>		
Centrafrique Telecom Plus (CTP)	623	01
Telecel Centrafrique (TC)	623	02
Celca (Socatel)	623	03
<i>Chad</i>		
Celtel	622	01
Tchad Mobile	622	02
<i>Chile</i>		
Entel Telefónica Móvil	730	01
Telefónica Móvil	730	02
Smartcom	730	03

Country or Geographical Area Networks	MCC + MNC codes*	
Centennial Cayman Corp. Chile S.A.	730	04
Multikom S.A.	730	05
Entel	730	10
<i>China</i>		
China Mobile	460	00
China Unicom	460	01
China Unicom CDMA	460	03
China Satellite Global Star Network	460	04
<i>Colombia</i>		
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
<i>Comoros</i>		
HURI - SNPT	654	01
<i>Congo</i>		
Celtel	629	01
Libertis Telecom	629	10
<i>Cook Islands</i>		
Telecom Cook	548	01
<i>Costa Rica</i>		
Instituto Costarricense de Electricidad - ICE	712	01
<i>Côte d'Ivoire</i>		
Atlantique Cellulaire	612	02
Orange Côte d'Ivoire	612	03
Comium Côte d'Ivoire	612	04
Loteny Telecom	612	05
Oricel Côte d'Ivoire	612	06
Aircomm Côte d'Ivoire	612	07
<i>Croatia</i>		
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
<i>Cuba</i>		
ETECSA	368	01
<i>Cyprus</i>		
CYTA	280	01
Scancom (Cyprus) Ltd.	280	10
<i>Czech Rep.</i>		
T-Mobile Czech Republic a.s.	230	01
Telefónica O2 Czech Republic a.s.	230	02
Vodafone Czech Republic a.s.	230	03
Mobilkom a.s.	230	04
Sprava Zeleznicni Dopravni Cesty	230	98
Vodafone Czech Republic a.s. R&D Centre	230	99
<i>Dem. Rep. of the Congo</i>		
Vodacom Congo RDC sprl	630	01

Country or Geographical Area Networks	MCC + MNC codes*	
Supercell Sprl	630	05
Congo-Chine Telecom s.a.r.l.	630	86
<i>Denmark</i>		
TDC Mobil	238	01
Sonofon	238	02
MIGway A/S	238	03
Hi3G	238	06
Barablu Mobile Ltd.	238	07
TDC Mobil	238	10
Telia	238	20
Telia Mobile	238	30
Tele2	238	77
<i>Djibouti</i>		
Evatis	638	01
<i>Dominican Rep.</i>		
Orange Dominicana, S.A.	370	01
Verizon Dominicana S.A.	370	02
Tricom S.A.	370	03
CentennialDominicana	370	04
<i>Ecuador</i>		
Otecel S.A. - Bellsouth	740	00
Porta GSM	740	01
Telecsa S.A.	740	02
<i>Egypt</i>		
Mobinil	602	01
Vodafone	602	02
Etisalat	602	03
<i>El Salvador</i>		
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
<i>Equatorial Guinea</i>		
Guinea Ecuatorial de Telecomunicaciones Sociedad Anónima	627	01
<i>Estonia</i>		
EMT GSM	248	01
RLE	248	02
Tele2	248	03
OY Top Connect	248	04
AS Bravocom Mobiil	248	05
OY ViaTel	248	06
Televõrgu AS	248	07
Siseministerium (Ministry of Interior)	248	71
<i>Ethiopia</i>		
ETH MTN	636	01
<i>Faroe Islands</i>		
Faroese Telecom - GSM	288	01
Kall GSM	288	02
<i>Fiji</i>		
Vodafone (Fiji) Ltd	542	01
Digicel (Fiji) Ltd	542	02
Telecom Fiji Ltd (CDMA)	542	03

Country or Geographical Area Networks	MCC + MNC codes*	
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Finland

Finnet Networks Ltd.	244	04
Elisa Matkapuhelinpalvelut Ltd.	244	05
Finnet Group	244	09
Finnet Networks Ltd.	244	12
Alands Mobiltelefon AB	244	14
Oy Finland Tele2 AB	244	16
Saunalahti Group Ltd.	244	21
Sonera Carrier Networks Oy	244	91

France

Orange France	208	01
Orange France	208	02
Globalstar Europe	208	05
Globalstar Europe	208	06
Globalstar Europe	208	07
S.F.R.	208	10
S.F.R. (UMTS)	208	11
SFR (Zones Blanches)	208	13
Bouygues Telecom	208	20
Bouygues Telecom	208	21
Bouygues Telecom (Zones Blanches)	208	88

French Departments and Territories in the Indian Ocean

Orange La Réunion	647	00
Outremer Telecom	647	02
Société Réunionnaise du Radiotéléphone	647	10

French Polynesia

Mara Telecom	547	10
Tikiphone	547	20

Gabon

Libertis S.A.	628	01
Telecel Gabon S.A.	628	02
Celtel Gabon S.A.	628	03
USAN Gabon	628	04

Gambia

Gamcel	607	01
Africell	607	02
Comium Services Ltd	607	03

Georgia

Geocell Ltd.	282	01
Magti GSM Ltd.	282	02
Iberiatel Ltd.	282	03
Mobitel Ltd.	282	04

Germany

T-Mobile Deutschland GmbH	262	01
Vodafone D2 GmbH	262	02
E-Plus Mobilfunk GmbH & Co. KG	262	03
Vodafone D2 GmbH	262	04
E-Plus Mobilfunk GmbH & Co. KG	262	05
T-Mobile Deutschland GmbH	262	06
O2 (Germany) GmbH & Co. OHG	262	07
O2 (Germany) GmbH & Co. OHG	262	08
Vodafone D2 GmbH	262	09
Arcor AG & Co.	262	10
O2 (Germany) GmbH & Co. OHG	262	11
Dolphin Telecom (Deutschland) GmbH	262	12

Country or Geographical Area Networks	MCC + MNC codes*	
Mobilcom Multimedia GmbH	262	13
Group 3G UMTS GmbH (Quam)	262	14
Airdata AG	262	15
Siemens AG, ICMNPGUSTA	262	76
E-Plus Mobilfunk GmbH & Co. KG	262	77
<i>Ghana</i>		
Spacefon	620	01
Ghana Telecom Mobile	620	02
Mobitel	620	03
Kasapa Telecom Ltd.	620	04
Netafriques Dot Com Ltd	620	11
<i>Gibraltar</i>		
Gibtelecom GSM	266	01
CTS	266	06
Cloud9 Mobile Communications	266	09
<i>Greece</i>		
Cosmote	202	01
Vodafone - Panafon	202	05
Info Quest S.A.	202	09
WIND Hellas	202	10
<i>Greenland</i>		
Tele Greenland	290	01
<i>Guadeloupe</i>		
Orange Caraïbe Mobiles	340	01
Outremer Telecom	340	02
Saint Martin et Saint Barthelemy Telcell Sarl	340	03
Bouygues Telecom Caraïbe	340	20
<i>Guatemala</i>		
Servicios de Comunicaciones Personales Inalámbricas, S.A.	704	01
Comunicaciones Celulares S.A.	704	02
Telefónica Centroamérica Guatemala S.A.	704	03
<i>Guinea</i>		
Orange Guinée	611	01
Sotelgui	611	02
Cellcom Guinée SA	611	05
<i>Guinea-Bissau</i>		
Guinétel S.A.	632	01
Spacetel Guiné-Bissau S.A.	632	02
<i>Guyana</i>		
Cel*Star (Guyana) Inc.	738	01
<i>Haiti</i>		
Comcel	372	01
Digicel	372	02
Rectel	372	03
<i>Honduras</i>		
Megatel	708	001
Celtel	708	002
Digicel Honduras	708	040
<i>Hong Kong, China</i>		
GSM900/HKCSL	454	00
MVNO/CITIC	454	01
3G Radio System/HKCSL3G	454	02

Country or Geographical Area Networks	MCC + MNC codes*	
3G Radio System/Hutchison 3G	454	03
GSM900/GSM1800/Hutchison	454	04
CDMA/Hutchison	454	05
GSM900/SmarTone	454	06
MVNO/China Unicom International Ltd.	454	07
MVNO/Trident	454	08
MVNO/China Motion Telecom (HK) Ltd.	454	09
GSM1800New World PCS Ltd.	454	10
MVNO/CHKTL	454	11
GSM1800/Peoples Telephone Company Ltd.	454	12
3G Radio System/SMT3G	454	15
GSM1800/Mandarin Communications Ltd.	454	16
GSM7800/Hong Kong CSL Ltd.	454	18
3G Radio System/Sunday3G	454	19
Public Mobile Networks/Reserved	454	2X
Public Mobile Networks/Reserved	454	3X
<i>Hungary</i>		
Pannon GSM	216	01
Westel Mobile	216	30
Vodafone	216	70
<i>Iceland</i>		
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
<i>India</i>		
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
Hutchinson 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
Hutchinson Essar Ltd, Mumbai	404	20
BPL Mobile Communications Ltd., Mumbai	404	21
Idea Cellular Ltd., Maharashtra	404	22
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

Country or Geographical Area Networks	MCC + MNC codes*	
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 TelecomLtd., 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
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
Hutchinson Essar South Ltd., Chennai	404	84
Reliance Telecom Ltd., W.B. & A.N.	404	85
Hutchinson 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

Country or Geographical Area Networks	MCC + MNC codes*	
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	00
Reliance Infocomm Ltd, Andhra Pradesh	405	01
Reliance Infocomm Ltd, Bihar	405	03
Reliance Infocomm Ltd, Chennai	405	04
Reliance Infocomm Ltd, Delhi	405	05
Reliance Infocomm Ltd, Gujarat	405	06
Reliance Infocomm Ltd, Haryana	405	07
Reliance Infocomm Ltd, Himachal Pradesh	405	08
Reliance Infocomm Ltd, J&K	405	09
Reliance Infocomm Ltd, Karnataka	405	10
Reliance Infocomm Ltd, Kerala	405	11
Reliance Infocomm Ltd, Kolkata	405	12
Reliance Infocomm Ltd, Maharashtra	405	13
Reliance Infocomm Ltd, Madhya Pradesh	405	14
Reliance Infocomm Ltd, Mumbai	405	15
Reliance Infocomm Ltd, Orissa	405	17
Reliance Infocomm Ltd, Punjab	405	18
Reliance Infocomm Ltd, Tamilnadu	405	20
Reliance Infocomm Ltd, UP (East)	405	21
Reliance Infocomm Ltd, UP (West)	405	22
Reliance Infocomm Ltd, West bengal	405	23
Tata Teleservices Ltd, Andhra Pradesh	405	25
Tata Teleservices Ltd, Bihar	405	27
Tata Teleservices Ltd, Chennai	405	28
Tata Teleservices Ltd, Delhi	405	29
Tata Teleservices Ltd, Gujarat	405	30
Tata Teleservices Ltd, Haryana	405	31
Tata Teleservices Ltd, Himachal Pradesh	405	32
Tata Teleservices Ltd, Karnataka	405	34
Tata Teleservices Ltd, Kerala	405	35
Tata Teleservices Ltd, Kolkata	405	36
Tata Teleservices Ltd, Maharashtra	405	37
Tata Teleservices Ltd, Madhya Pradesh	405	38
Tata Teleservices Ltd, Mumbai	405	39
Tata Teleservices Ltd, Orissa	405	41
Tata Teleservices Ltd, Punjab	405	42
Tata Teleservices Ltd, Rajasthan	405	43
Tata Teleservices Ltd, Tamilnadu	405	44
Tata Teleservices Ltd, UP (East)	405	45
Tata Teleservices Ltd, UP (West)	405	46
Tata Teleservices Ltd, West Bengal	405	47
Bharti Airtel Ltd, Bihar	405	52
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
Essar Spacetel Ltd, Bihar	405	75

Country or Geographical Area Networks	MCC + MNC codes*	
Essar Spacetel Ltd, Orissa	405	76
Essar Spacetel Ltd, Maharashtra	405	77
Aircell Ltd, Karnataka	405	80
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
<i>Indonesia</i>		
PSN	510	00
Satelindo	510	01
Natrindo (Lippo Telecom)	510	08
Telkomsel	510	10
Excelcomindo	510	11
Indosat - M3	510	21
Komselindo	510	28
<i>International Mobile, shared code</i>		
ICO Global Communications	901	01
Sense Communications International AS	901	02
Iridium Satellite, LLC (GMSS)	901	03
Thuraya RMSS Network	901	05
Thuraya Satellite Telecommunications Company	901	06
Tele1 Europe	901	09
Asia Cellular Satellite (AceS)	901	10
Inmarsat Ltd.	901	11
Maritime Communications Partner AS (MCP network)	901	12
Global Networks, Inc.	901	13
Telenor GSM - services in aircraft	901	14
OnAir	901	15
Jasper Systems, Inc.	901	16
Jersey Telecom	901	17
Cingular Wireless	901	18
Vodafone Malta Vodafone Group)	901	19
Intermatica	901	20
Seanet Maritime Communications	901	21
MediaLincc Ltd	901	22
Ukrainian Radiosystems	901	23
Voxbone SA	901	24
In & Phone	901	25
Telecom Italia	901	26
Onair	901	27
Vodafone Group	901	28
Telenor Connexion AB	901	29
Telecommunications for Disaster Relief (TDR) (OCHA)	901	88
<i>Iran (Islamic Republic of)</i>		
Telecommunication Company of Iran (TCI)	432	11
Telecommunication Kish Co. (KIFZO)	432	14
Telecommunication Company of Iran (TCI) - Isfahan	432	19
Celcom		
<i>Iraq</i>		
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

Country or Geographical Area Networks	MCC + MNC codes*	
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
<i>Ireland</i>		
Vodafone Ireland Plc	272	01
Digifone mm02 Ltd.	272	02
Meteor Mobile Communications Ltd.	272	03
Eircom	272	07
Clever Communications Ltd.	272	09
<i>Israel</i>		
Partner Communications Co. Ltd.	425	01
Cellcom Israel Ltd.	425	02
Pelephone Communications Ltd.	425	03
Globalsim Ltd	425	04
Wataniya	425	06
<i>Italy</i>		
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
<i>Jamaica</i>		
Cable & Wireless Jamaica Ltd.	338	020
Mossel (Jamaica) Ltd.	338	050
<i>Japan</i>		
NTT DoCoMo, Inc.	440	01
NTT DoCoMo Kansai, Inc.	440	02
NTT DoCoMo Hokuriku, Inc.	440	03
Vodafone	440	04
Vodafone	440	06
KDDI Corporation	440	07
KDDI Corporation	440	08
NTT DoCoMo Kansai Inc.	440	09
NTT DoCoMo Kansai Inc.	440	10
NTT DoCoMo Tokai Inc.	440	11
NTT DoCoMo Inc.	440	12
NTT DoCoMo Inc.	440	13
NTT DoCoMo Tohoku Inc.	440	14
NTT DoCoMo Inc.	440	15
NTT DoCoMo Inc.	440	16

Country or Geographical Area Networks	MCC + MNC codes*	
NTT DoCoMo Inc.	440	17
NTT DoCoMo Tokai Inc.	440	18
NTT DoCoMo Hokkaido	440	19
NTT DoCoMo Hokuriku Inc.	440	20
NTT DoCoMo Inc.	440	21
NTT DoCoMo Kansai Inc.	440	22
NTT DoCoMo Tokai Inc.	440	23
NTT DoCoMo Chugoku Inc.	440	24
NTT DoCoMo Hokkaido Inc.	440	25
NTT DoCoMo Kyushu Inc.	440	26
NTT DoCoMoTohoku Inc.	440	27
NTT DoCoMo Shikoku Inc.	440	28
NTT DoCoMo Inc.	440	29
NTT DoCoMo Inc.	440	30
NTT DoCoMo Kansai Inc.	440	31
NTT DoCoMo Inc.	440	32
NTT DoCoMo Tokai Inc.	440	33
NTT DoCoMo Kyushu Inc.	440	34
NTT DoCoMo Kansai Inc.	440	35
NTT DoCoMo Inc.	440	36
NTT DoCoMo Inc.	440	37
NTT DoCoMo Inc.	440	38
NTT DoCoMo Inc.	440	39
Vodafone	440	40
Vodafone	440	41
Vodafone	440	42
Vodafone	440	43
Vodafone	440	44
Vodafone	440	45
Vodafone	440	46
Vodafone	440	47
Vodafone	440	48
NTT DoCoMo Inc.	440	49
KDDI Corporation	440	50
KDDI Corporation	440	51
KDDI Corporation	440	52
KDDI Corporation	440	53
KDDI Corporation	440	54
KDDI Corporation	440	55
KDDI Corporation	440	56
NTT DoCoMo Kansai Inc.	440	58
NTT DoCoMo Kansai Inc.	440	60
NTT DoCoMo Chugoku Inc.	440	61
NTT DoCoMo Kyushu Inc.	440	62
NTT DoCoMo Inc.	440	63
NTT DoCoMo Inc.	440	64
NTT DoCoMo Shikoku Inc.	440	65
NTT DoCoMo Inc.	440	66
NTT DoCoMo Tohoku Inc.	440	67
NTT DoCoMo Kyushu Inc.	440	68
NTT DoCoMo Inc.	440	69
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
KDDI Corporation	440	77

Country or Geographical Area Networks	MCC + MNC codes*	
Okinawa Cellular Telephone	440	78
KDDI Corporation	440	79
TU-KA Cellular Tokyo Inc.	440	80
TU-KA Cellular Tokyo Inc.	440	81
TU-KA Phone Kansai Inc.	440	82
TU-KA Cellular Tokai Inc.	440	83
TU-KA Phone Kansai Inc.	440	84
TU-KA Cellular Tokai Inc.	440	85
TU-KA Cellular Tokyo Inc.	440	86
NTT DoCoMo Chugoku Inc.	440	87
KDDI Corporation	440	88
KDDI Corporation	440	89
Vodafone	440	90
Vodafone	440	92
Vodafone	440	93
Vodafone	440	94
Vodafone	440	95
Vodafone	440	96
Vodafone	440	97
Vodafone	440	98
NTT DoCoMo Inc.	440	99
NTT DoCoMo Inc.	441	40
NTT DoCoMo Inc.	441	41
NTT DoCoMo Inc.	441	42
NTT DoCoMo Kansai Inc.	441	43
NTT DoCoMo Chugoku Inc.	441	44
NTT DoCoMo Shikoku Inc.	441	45
TU-KA Cellular Tokyo Inc.	441	50
TU-KA Phone Kansai Inc.	441	51
Vodafone	441	61
Vodafone	441	62
Vodafone	441	63
Vodafone	441	64
Vodafone	441	65
KDDI Corporation	441	70
NTT DoCoMo Inc.	441	90
NTT DoCoMo Inc.	441	91
NTT DoCoMo Inc.	441	92
NTT DoCoMo Hokkaido Inc.	441	93
NTT DoCoMo Tohoku Inc.	441	94
NTT DoCoMo Kyushu Inc.	441	98
NTT DoCoMo Kyushu Inc.	441	99
<i>Jordan</i>		
Fastlink	416	01
Xpress	416	02
Umniah	416	03
Mobilecom	416	77
<i>Kazakhstan</i>		
Kar-Tel Ilc	401	01
TSC Kazak Telecom	401	02
<i>Kenya</i>		
Safaricom Ltd.	639	02
Kencell Communications Ltd.	639	03
<i>Korea (Rep. of)</i>		
KT Freetel	450	02
SK Telecom	450	03

Country or Geographical Area Networks	MCC + MNC codes*	
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<i>Kuwait</i>		
Mobile Telecommunications Company	419	02
Wataniya Telecom	419	03
Viva	419	04
<i>Kyrgyzstan</i>		
Bitel GSM	437	01
<i>Lao P.D.R.</i>		
Lao Telecommunications	457	01
ETL Mobile	457	02
Millicom	457	08
<i>Latvia</i>		
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
<i>Lebanon</i>		
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
<i>Lesotho</i>		
Vodacom Lesotho (pty) Ltd.	651	01
Econet Ezin-cel	651	02
<i>Liberia</i>		
Comium Liberia	618	04
<i>Liechtenstein</i>		
Telecom FL AG	295	01
Viag Europlatform AG	295	02
Mobilkom (Liechstein) AG	295	05
Tele2 AG	295	77
<i>Lithuania</i>		
Omnitel	246	01
Bité GSM	246	02
Tele2	246	03
<i>Luxembourg</i>		
P&T Luxembourg	270	01
Tango	270	77
Voxmobile S.A.	270	99
<i>Macao, China</i>		
Smartone Mobile Communications (Macao) Ltd.	455	00
CTM GSM	455	01
Hutchison Telecom	455	03
<i>Madagascar</i>		
CelTel Madagascar (Zain), GSM	646	01

Country or Geographical Area Networks	MCC + MNC codes*	
Orange Madagascar, GSM	646	02
Madamobil, CDMA 2000	646	03
Telecom Malagasy Mobile, GSM	646	04
<i>Malawi</i>		
Telekom Network Ltd.	650	01
Celtel Ltd.	650	10
<i>Malaysia</i>		
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
<i>Maldives</i>		
DhiMobile	472	01
<i>Mali</i>		
Malitel	610	01
<i>Malta</i>		
Vodafone Malta	278	01
go mobile	278	21
3G Telecommunications Ltd	278	77
<i>Mauritania</i>		
Mattel S.A.	609	01
Chinguitel S.A.	609	02
Mauritel Mobiles	609	10
<i>Mauritius</i>		
Cellplus	617	01
Mahanagar Telephone (Mauritius) Ltd.	617	02
Emtel	617	10
<i>Mexico</i>		
Telcel	334	020
<i>Micronesia</i>		
FSM Telecom	550	01
<i>Moldova (Republic of)</i>		
Orange Moldova GSM	259	01
Moldcell GSM	259	02
Eventis Mobile GSM	259	04
<i>Mongolia</i>		
Mobicom	428	99
<i>Montenegro</i>		
MTEL d.o.o. Podgorica	297	03
<i>Morocco</i>		
Méditelécom (GSM)	604	00
Ittissalat Al Maghrid	604	01
<i>Mozambique</i>		
T.D.M. GSM	643	01
VM Sarl	643	04

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Myanmar</i>		
Myanmar Post and Telecommunication	414	01
<i>Namibia</i>		
Mobile Telecommunications Ltd.	649	01
Powercom Pty Ltd	649	03
<i>Nepal</i>		
Nepal Telecommunications	429	01
<i>Netherlands</i>		
Tele2 (Netherlands) B.V.	204	02
Blyk N.V.	204	03
Vodafone Libertel N.V.	204	04
Elephant Talk Comm. Premium Rate Serv. Neth. B.V.	204	05
Barablu Mobile Benelux Ltd	204	06
Teleena holding B.V.	204	07
KPN Mobile The Netherlands B.V.	204	08
KPN B.V.	204	10
Telfort B.V.	204	12
INMO B.V.	204	14
T-Mobile Netherlands B.V.	204	16
Telfort B.V.	204	18
Orange Nederland N.V.	204	20
ProRail B.V.	204	21
KPN B.V.	204	60
KPN Mobile The Netherlands B.V.	204	69
<i>Netherlands Antilles</i>		
TELCELL GSM	362	51
CT GSM	362	69
SETEL GSM	362	91
<i>New Caledonia</i>		
OPT Mobilis	546	01
<i>New Zealand</i>		
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 Network	530	05
NZ Communications - UMTS Network	530	24
<i>Nicaragua</i>		
Empresa Nicaragüense de Telecomunicaciones, S.A. (ENITEL)	710	21
Servicios de Comunicaciones, S.A. (SERCOM)	710	73
<i>Niger</i>		
Sahel.Com	614	01
Celtel	614	02
Telecel	614	03
<i>Nigeria</i>		
Econet Wireless Nigeria Ltd.	621	20
MTN Nigeria Communications	621	30
MTEL	621	40
Globacom	621	50
EMTS	621	60

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Norway</i>		
Telenor Mobil AS	242	01
Netcom GSM AS	242	02
Teletopia Mobile Communications AS	242	03
Tele2 Norge AS	242	04
<i>Oman</i>		
Oman Mobile Telecommunications Company (Oman Mobile)	422	02
Oman Qatari Telecommunications Company (Nawras)	422	03
Oman Telecommunications Company (Omantel)	422	04
<i>Pakistan</i>		
Mobilink	410	01
PAK Telecom Mobile Ltd. (Ufone)	410	03
CMPak	410	04
Telenor Pakistan	410	06
Warid Telecom	410	07
<i>Palau</i>		
Palau National Communications Corp. (a.k.a. PNCC)	552	01
<i>Panama</i>		
Cable & Wireless Panama S.A.	714	01
BSC de Panama S.A.	714	02
Claro Panamá, S.A.	714	03
Digicel (Panamá), S.A.	714	04
<i>Papua New Guinea</i>		
Bmobile	537	01
Greencom	537	02
Digicel Ltd	537	03
<i>Paraguay</i>		
Hola Paraguay S.A.	744	01
Hutchison Telecom S.A.	744	02
Compañía Privada de Comunicaciones S.A.	744	03
<i>Peru</i>		
TIM Peru	716	10
<i>Philippines</i>		
Islacom	515	01
Globe Telecom	515	02
Smart Communications	515	03
Digitel	515	05
<i>Poland</i>		
Plus GSM (Polkomtel S.A.)	260	01
ERA GSM (Polska Telefonia Cyfrowa Sp. Z.o.o.)	260	02
Idea (Polska Telefonia Komórkowa Centertel Sp. Z.o.o.)	260	03
Tele2 Polska (Tele2 Polska Sp. Z.o.o.)	260	04
IDEA (UMTS)/PTK Centertel sp. Z.o.o.	260	05
Netia Mobile	260	06
Premium internet	260	07
E-Telko	260	08
Telekomunikacja Kolejowa (GSM-R)	260	09
Telefony Opalenickie	260	10
<i>Portugal</i>		
Vodafone Telecel - Comunicações Pessoais, S.A.	268	01
Optimus - Telecomunicações, S.A.	268	03
Oniway - Inforcomunicações, S.A.	268	05

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Qatar</i> TMN - Telecomunicações Movéis Nacionais, S.A.	268	06
<i>Romania</i> QATARNET	427	01
Vodafone Romania SA	226	01
Romtelecom (CDMA)	226	02
Cosmorom	226	03
Orange Romania	226	10
<i>Russian Federation</i> 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
Printefone	250	92
Telecom XXI	250	93
Bec Line GSM	250	99
<i>Rwanda</i> MTN Rwandacell	635	10
<i>Saint Pierre and Miquelon</i> St. Pierre-et-Miquelon Télécom	308	01
<i>Samoa</i> Telecom Samoa Cellular Ltd.	549	01
GoMobile SamoaTel Ltd	549	27
<i>San Marino</i> SMT - San Marino Telecom	292	01
<i>Sao Tome and Principe</i> Companhia Santomese de Telecomunicações	626	01
<i>Saudi Arabia</i> Saudi Telecom	420	01
Etihad Etisalat Company (Mobily)	420	03
<i>Senegal</i> Sonatel	608	01
Sentel GSM	608	02
<i>Serbia</i> Telenor d.o.o.	220	01
Telekom Srbija a.d.	220	03
Vip mobile d.o.o.	220	05
<i>Seychelles</i> Cable & Wireless (Seychelles) Ltd.	633	01

Country or Geographical Area Networks	MCC + MNC codes*	
Mediatech International Ltd.	633	02
Telecom (Seychelles) Ltd.	633	10
<i>Sierra Leone</i>		
Celtel	619	01
Millicom	619	02
Africell	619	03
Comium (Sierra Leone) Ltd.	619	04
Lintel (Sierra Leone) Ltd.	619	05
Mobitel	619	25
Datatel (SL) Ltd GSM	619	40
Datatel (SL) Ltd CDMA	619	50
<i>Singapore</i>		
SingTel ST GSM900	525	01
SingTel ST GSM1800	525	02
MobileOne	525	03
Starhub	525	05
Digital Trunked Radio Network	525	12
<i>Slovakia</i>		
Orange, GSM	231	01
Eurotel, GSM & NMT	231	02
Eurotel, UMTS	231	04
Orange, UMTS	231	05
<i>Slovenia</i>		
SI Mobil	293	40
Mobitel	293	41
T-2 d.o.o.	293	64
Tusmobil d.o.o.	293	70
<i>Somalia</i>		
Golis Telecommunications Company	637	30
<i>South Africa</i>		
Vodacom (Pty) Ltd.	655	01
Telkom SA Ltd	655	02
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
Cape Town Metropolitan Council	655	21
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
<i>Spain</i>		
Vodafone	214	01
Amena	214	03
Xfera	214	04
Movistar	214	07
<i>Sri Lanka</i>		
MTN Network Ltd.	413	02
Celtel Lanka Ltd.	413	03

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Sudan</i>		
SD Mobitel	634	01
Areeba-Sudan	634	02
Network of the World Ltd (NOW)	634	05
Privet Network (NEC)	634	09
<i>Suriname</i>		
Telesur	746	02
Digicel	746	03
Intelsur	746	04
Telesur (CDMA)	746	05
<i>Swaziland</i>		
SPTC	653	01
Swazi MTN	653	10
<i>Sweden</i>		
Telia Sonera AB	240	01
H3G Access AB	240	02
AINMT 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
Telenor Mobile Sverige	240	09
Spring Mobil AB	240	10
Linholmen Science Park AB	240	11
Barablu Mobile Scandinavia Ltd	240	12
Ventelo Sverige AB	240	13
TDC Mobil A/S	240	14
Wireless Maingate Nordic AB	240	15
42IT AB	240	16
Götalandsnätet AB	240	17
Generic Mobile Systems Sweden AB	240	18
Wireless Maingate Message Services AB	240	20
Banverket	240	21
<i>Switzerland</i>		
Swisscom Mobile AG	228	01
TDC Switzerland AG	228	02
Orange Communications SA	228	03
Comfone AG	228	05
SBB AG	228	06
IN&Phone SA	228	07
Tele2 Telecommunications AG	228	08
TDC Switzerland AG	228	12
Bebbicell AG	228	51
<i>Syrian Arab Republic</i>		
Syriatel	417	01
Spacetel Syria	417	02
Syrian Telecom	417	09
<i>Tajikistan</i>		
JC Somoncom	436	01
CJSC Indigo Tajikistan	436	02
TT mobile	436	03
Josa Babilon-T	436	04
CTJTHSC Tajik-tel	436	05

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Tanzania</i>		
MIC (T) Ltd.	640	02
Zantel	640	03
Vodacom (T) Ltd.	640	04
Celtel (T) Ltd.	640	05
<i>Thailand</i>		
CAT CDMA	520	00
AIS GSM	520	01
ACT Mobile	520	15
<i>The Former Yugoslav Republic of Macedonia</i>		
T-Mobile	294	01
Cosmofon	294	02
Nov Operator	294	03
<i>Togo</i>		
Togo Telecom	615	01
<i>Tonga</i>		
Tonga Communications Corporation	539	01
Digicel	539	43
Digicel (Tonga) Ltd	539	88
<i>Trinidad and Tobago</i>		
TSTT Mobile	374	12
Digicel Trinidad and Tobago Ltd.	374	130
LaqTel Ltd.	374	140
<i>Tunisia</i>		
Tunisie Telecom	605	02
Orascom Telecom	605	03
<i>Turkey</i>		
Turkcell	286	01
Telsim GSM	286	02
Aria	286	03
Aycell	286	04
<i>Turkmenistan</i>		
Barash Communication Technologies (BCTI)	438	01
TM-Cell	438	02
<i>Turks and Caicos Islands</i>		
IslandCom Communications Ltd.	376	352
<i>Uganda</i>		
Celtel Uganda	641	01
MTN Uganda Ltd.	641	10
Uganda Telecom Ltd.	641	11
House of Integrated Technology and Systems Uganda Ltd	641	14
Warid Telecom Uganda Ltd.	641	22
i-Tel Ltd	641	66
<i>Ukraine</i>		
Ukrainian Mobile Communication, UMC	255	01
Ukrainian Radio Systems, URS	255	02
Kyivstar GSM	255	03
International Telecommunications Ltd.	255	04
Golden Telecom	255	05
Astelit	255	06
Ukrtelecom	255	07
CJSC - Telesystems of Ukraine	255	21

**Country or Geographical Area
Networks**

MCC + MNC codes*

United Arab Emirates

Etisalat 424 02

United Kingdom

British Telecom 234 00
 Mapesbury Communications Ltd. 234 01
 O2 UK Ltd. 234 02
 Jersey Telenet Ltd 234 03
 FMS Solutions Ltd 234 04
 Colt Mobile Telecommunications Ltd 234 05
 Internet One Ltd 234 06
 Cable and Wireless plc 234 07
 Wire9 Telecom plc 234 09
 O2 UK Ltd. 234 10
 O2 UK Ltd. 234 11
 Ntework Rail Infrastructure Ltd 234 12
 Ntework Rail Infrastructure Ltd 234 13
 Hay Systems Ltd 234 14
 Vodafone Ltd. 234 15
 Opal Telecom Ltd 234 16
 Flextel Ltd 234 17
 Wire9 Telecom plc 234 18
 Teleware plc 234 19
 Hutchison 3G UK Ltd. 234 20
 T-Mobile UK 234 30
 T-Mobile UK 234 31
 T-Mobile UK 234 32
 Orange 234 33
 Orange 234 34
 Jersey Telecom 234 50
 Cable and Wireless Gueney Ltd 234 55
 Manx Telecom 234 58
 Inquam Telecom (Holdings) Ltd. 234 75
 British Telecom 234 76
 Airwave mmO2 Ltd 234 78

United States

MCI 310 010
 Verizon Wireless 310 012
 ALLTEL Communications Inc 310 013
 Cricket Communications 310 016
 North Sight Communications Inc 310 017
 Union Telephone Company 310 020
 Centennial Communications 310 030
 ETEX Communications 310 035
 MTA Communications dba MTA Wireless 310 040
 ACS Wireless Inc 310 050
 Consolidated Telcom 310 060
 Cingular Wireless 310 070
 Corr Wireless Communications LLC 310 080
 Cingular Wireless 310 090
 New Mexico RSA 4 East Ltd. Partnership 310 100
 Pacific Telecom Inc 310 110
 Carolina West Wireless 310 130
 GTA Wireless LLC 310 140
 Cingular Wireless 310 150
 T-Mobile USA 310 160
 Cingular Wireless 310 170
 West Central Wireless 310 180

Country or Geographical Area Networks	MCC + MNC codes*	
Alaska Wireless Communications LLC	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
Centennial Puerto Rio License Corp.	310	280
Nep Cellcorp Inc.	310	290
Blanca Telephone Company	310	300
T-Mobile USA	310	310
Smith Bagley Inc, dba Cellular One	310	320
Oklahoma Independent RSA5 Partnership	310	330
High Plains Midwest LLC, dba Wetlink Communications	310	340
Mohave Cellular L.P.	310	350
Cellular Network Partnership dba Pioneer Cellular	310	360
Guamcell Cellular and Paging	310	370
New Cingular Wireless PCS, LLC	310	380
TX-11 Acquistion LLC	310	390
Wave Runner LLC	310	400
Cingular Wireless	310	410
Cincinnati Bell Wireless LLC	310	420
Alaska Digitel LLC	310	430
United Wireless Inc	310	440
North East Cellular Inc.	310	450
TMP Corporation	310	460
INTELOS Communications	310	470
Choice Phone LLC	310	480
T-Mobile USA	310	490
Public Service Cellular, Inc.	310	500
Airtel Wireless LLC	310	510
VeriSign	310	520
Iowa Wireless Services LLC	310	530
Oklahoma Western Telephone Company	310	540
Wireless Solutions International	310	550
Cingular Wireless	310	560
MTPCS LLC	310	570
Inland Cellular Telephone Company	310	580
Western Wireless Corporation	310	590
New Cell Inc. dba Cellcom	310	600
Elkhart Telephone Co. Inc. dba Epic Touch Co.	310	610
Coleman County Telecommunications Inc. (Trans Texas PCS)	310	620
Texas-10 LLC	310	630
Airadigm Communications	310	640
Jasper Wireless Inc.	310	650
T-Mobile USA	310	660
AT&T Mobility Vanguard Services	310	670
Cingular Wireless	310	680
Keystone Wireless LLC	310	690
Cross Valiant Cellular Partnership	310	700
Arctic Slope Telephone Association Cooperative	310	710
Wireless Solutions International Inc.	310	720
Sea Mobile	310	730
Convey Communications Inc	310	740
East Kentucky Network LLC dba Appalachian Wireless	310	750
Panhandle Telecommunications Systems Inc.	310	760

Country or Geographical Area Networks	MCC + MNC codes*	
Iowa Wireless Services LLC dba I Wireless	310	770
Connect Net Inc	310	780
PinPoint Communications Inc.	310	790
T-Mobile USA	310	800
South Canaan Cellular Communications Co. LP	310	820
Caprock Cellular Ltd. Partnership	310	830
Aeris Communications, Inc.	310	850
TX RSA 15B2, LP dba Five Star Wireless	310	860
Kaplan Telephone Company Inc.	310	870
Advantage Cellular Systems, Inc.	310	880
Rural Cellular Corporation	310	890
ALLTEL Communications Inc	310	910
Copper Valley Wireless	310	930
Iris Wireless LLC	310	940
Texas RSA 1 dba XIT Cellular	310	950
UBET Wireless	310	960
Globalstar USA	310	970
Worldcall Interconnect	310	990
Mid-Tex Cellular Ltd.	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
Pine Telephone Company dba Pine Cellular	311	080
Siouxland PCS	311	090
Nex-Tech Wireless LLC	311	100
Alltel Communications Inc	311	110
Choice Phone LLC	311	120
MBO Wireless Inc./Cross Telephone Company	311	140
Wilkes Cellular Inc.	311	150
PetroCom LLC	311	170
Cingular Wireless, Licensee Pacific Telesis Mobile Services, LLC	311	180
Cellular Properties Inc.	311	190
ARINC	311	200
Cellular South Inc.	311	230
Cordova Wireless Communications Inc	311	240
Wave Runner LLC	311	250
SLO Cellular Inc. dba CellularOne of San Luis Obispo	311	260
Alltel Communications Inc.	311	270
Alltel Communications Inc.	311	271
Alltel Communications Inc.	311	272
Alltel Communications Inc.	311	273
Alltel Communications Inc.	311	274
Alltel Communications Inc.	311	275
Alltel Communications Inc.	311	276
Alltel Communications Inc.	311	277
Alltel Communications Inc.	311	278
Alltel Communications Inc.	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

Country or Geographical Area Networks	MCC + MNC codes*	
Verizon Wireless	311	287
Verizon Wireless	311	288
Verizon Wireless	311	289
Pinpoint Wireless Inc.	311	290
Rutal Cellular Corporation	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	311	350
Stelera Wireless LLC	311	360
GCI Communications Corp.	311	370
GreenFly LLC	311	380
ALLTEL Communications Inc	311	390
Iowa RSA No.2 Ltd Partnership	311	410
Northwest Missouri Cellular Limited Partnership	311	420
RSA 1 Limited Partnership dba Cellular 29 Plus	311	430
Bluegrass Cellular LLC	311	440
Panhandle Telecommunication Systems Inc.	311	450
Fisher Wireless Services Inc	311	460
Vitelcom Cellular Inc dba 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
Strata8 Networks Inc/Wirefree Partners LLC	311	490
CTC Telecom Inc	311	500
Benton-Linn Wireless	311	510
Crossroads Wireless Inc	311	520
Wireless Communications Venture	311	530
Keystone Wireless Inc	311	540
Commnet Midwest LLC	311	550
OTZ Communications Inc	311	560
Bend Cable Communications LLC	311	570
United States Cellular	311	580
California RSA No3 Ltd Partnership	311	590
Cox TMI Wireless LLC	311	600
North Dakota Network Co.	311	610
Nextel Communications Inc	316	010
Southern Communications Services Inc.	316	011
<i>Uruguay</i>		
Ancel - TDMA	748	00
Ancel - GSM	748	01
Ancel	748	03
Movistar	748	07
CTI Móvil	748	10
<i>Uzbekistan</i>		
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

Venezuela (Bolivarian Republic of)

Infonet	734	01
Corporación Digitel	734	02
Digicel	734	03
Telcel, C.A.	734	04
Telecomunicaciones Movilnet, C.A.	734	06

Viet Nam

Mobifone	452	01
Vinaphone	452	02
Viettel	452	04
Beeline VN/GTEL Mobile JSC	452	07

Yemen

Yemen Mobile Phone Company	421	01
Spacotel Yemen	421	02

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

MCC*/MNC*	Name of operator Country A/B	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
274 02	Og fjarskipti hf (Vodafone Iceland)/ P/F KALL, reg. No 2868 (Vodafone FO)	Faroe Islands	0 – 8 (Iceland)	9 (Faroe Islands)

* 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

Notification of the 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 an MCC+MNC of Country A in Country B.

MCC/MNC: _____

Administration Contact-Person Name: _____

Address: _____

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

MCC/MNC	Operators 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		
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