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Amendments to Service Publications

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Annex

Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users (According to ITU-T Recommendation E.212 (05/2004)) (Position on 1 November 2006)

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.

- 871 Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users (According to ITU-T Recommendation E.212 (05/2004)) (Position on 1 November 2006)
- 870 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (02/2005)) (Position on 15 October 2006)
- 869 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/1999)) (Position on 1 October 2006)
- 867 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 September 2006)
- 853 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/1999)) (Position on 1 February 2006)
- 849 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (02/2005)) (Position on 1 December 2005)
- 847 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164) (02/2005)) (Position on 1 November 2005)
- 841 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommendation E.218 (05/2004)) (Position on 1 August 2005)
- 839 List of Mobile Country or Geographical Area Codes (Complement to ITU-T Recommendation E.212 (05/2004)) (Position on 1 July 2005)
- 833 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118) (Position on 1 April 2005)
- 818 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/00)) (Position on 15 August 2004)
- 817 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121) (Position on 1 August 2004)
- 781 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 February 2003)
- 766 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35) (Position on 15 June 2002)
- 764 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32) (Position on 15 May 2002)
- 725 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 30 September 2000)
- 693 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 and F.68) (Position on 31 May 1999)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/98))

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

List of ITU Carrier Codes

(ITU-T Rec. M.1400 (01/2004))

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 and deletion of ITU-T Recommendations

A.1 By TSB AAP-46 of 16 October 2006, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in ITU-T Recommendation A.8:

- ITU-T Recommendation G.8112/Y.1371 (07/10/2006): Interfaces for the Transport MPLS (T-MPLS) hierarchy
- ITU-T Recommendation Y.2021 (13/09/2006): IMS for Next Generation Networks
- ITU-T Recommendation Y.2031 (13/09/2006): PSTN/ISDN emulation architecture
- ITU-T Recommendation Y.2111 (13/09/2006): Resource and admission control functions in Next Generation Networks
- ITU-T Recommendation Y.2171 (13/09/2006): Admission control priority levels in Next Generation Networks
- ITU-T Recommendation Y.2261 (13/09/2006): PSTN/ISDN evolution to NGN
- ITU-T Recommendation Y.2271 (13/09/2006): Call server based PSTN/ISDN emulation

A.2 By Circular TSB 117 of 2 October 2006, it was announced that the following ITU-T Recommendation was deleted, in accordance with the procedures outlined in paragraph 8.2 of ITU-T Recommendation A.8, of the WTSA (Florianópolis, 2004):

- ITU-T Recommendation G.807/Y.1302 (13/07/2001): Requirements for automatic switched transport networks (ASTN)

The conditions governing the deletion of ITU-T Recommendations were met and 18 Member States and 73 Sector Members participating in the meeting of Study Group 15 (Geneva, from 6 to 17 February 2006) proposed to delete this ITU-T Recommendation. Ten Administrations of Member States responded to the consultation, and no objection to this deletion was received.

Assignment of Signalling Area/Network Codes (SANC) (ITU-T Recommendation Q.708 (03/1999))

Note from TSB

At the request of the Administrations of the Philippines and the Dem. Rep. of the Congo, 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 (03/1999):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Philippines (Republic of the)	5-037
Democratic Republic of the Congo	6-059

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

Legal time changes

Syrian Arab Republic

Communication of 2.X.2006:

Legal time in the Syrian Arab Republic was retarded by 60 minutes on 21 September 2006, at 2400 hours UTC, and thereby will correspond to UTC +2.

Maritime Identification Digits (MID)

In accordance with No. **19.35** of the Radio Regulations, the Maritime Identification Digit (MID) "305" has been allocated to Antigua and Barbuda.

Telephone Service

Cyprus (country code +357)

Communication of 11.X.2006:

The *Cyprus Telecommunications Authority (CYTA)*, Nicosia, announces that the service code +357 97 has been assigned to CYTA by the Commissioner of Electronic Communications and Postal Regulation of Cyprus, to be used for mobile telephony. Initially, the numbering range +357 976XXXXX will be commercially launched as of 1 November 2006, with the remaining ranges (i.e. +357 970 to 975 and +357 977 to 979) being reserved for future use.

As a result, as of 1 November 2006, incoming international calls to the above numbering range will be settled with CYTA's agreed terminal share(s) applying to mobile traffic and will be included in mobile traffic commitments (where applicable).

Collect calls to mobile numbers are not accepted.

Telecom operators are kindly requested to provide access to the range +357 976XXXXX as well as to the corresponding voicemail +357 123 976XXXXX in their international switching centres, update their databases and inform their customers accordingly.

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Denmark (country code +45)

Communication of 3.X.2006:

The *National IT and Telecom Agency (NITA)*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

- *Addition – eight-digit fixed number range*

<i>Provider</i>	<i>Number series</i>
Fullrate A/S	3211 XXXX
Cybercity A/S	3513 XXXX 3514 XXXX

- *Addition – eight-digit mobile number range*

<i>Provider</i>	<i>Number series</i>
Segtel A/S	5065 XXXX

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Egypt (country code +20)

Communication of 15.X.2006:

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

<i>Exchange</i>	<i>Area code</i>	<i>Numbering ranges</i>	<i>Date of entry into service</i>
El Kanater (E)	2	2430000 – 2430999	30.VIII.2006
El Rehab (E)	2	6922000 – 6923919	10.IX.2006
El Khanka (E)	2	4669000 – 4669999	14.IX.2006
Hawamdia (E)	2	8130480 – 8132431	12.IX.2006
EL Harameen (E)	3	3260000 – 3264999	26.IX.2006
El Awayed II	3	3300000 – 3329999	7.IX.2006
Kafr Tasfa (E)	13	2554000 – 2554499	6.IX.2006
Kafr Kala El Bab (E)	40	5365500 – 5365999	7.IX.2006
Masged Wasseef (E)	40	5634000 – 5634499	21.IX.2006
Frasis (E)	40	5864000 – 5864499	19.IX.2006
Nekla Alanab (E)	45	3464500 – 3464999	14.IX.2006
Desonas	45	3030000 – 3022303	20.IX.2006
EL Safaseef	45	3051072 – 3051583	3.IX.2006
Siwa (E)	46	4602500 – 4602999	27.IX.2006
Kafr El Shikh (E)	47	3210000 – 3214999	4.IX.2006

<i>Exchange</i>	<i>Area code</i>	<i>Numbering ranges</i>	<i>Date of entry into service</i>
Kafr El Shikh (E)	47	3260000 – 3264999	4.IX.2006
Elkarda	47	3280000 – 3283499	5.IX.2006
El Bagour (E)	48	3895000 – 3896999	11.IX.2006
Ashmoon (E)	48	3431000 – 3432999	24.IX.2006
Mehalet Demna (E)	50	2155500 – 2155999	3.IX.2006
Bedawy (E)	50	2095000 – 2095499	5.IX.2006
El Khaleg (E)	50	2052880 – 2053391	4.IX.2006
El Baklya (E)	50	2193000 – 2194023	3.IX.2006
El Bagalat (E)	50	7580000 – 7580767 7582000 – 7582735	31.VIII.2006
Menyet Samanod	50	6490000 – 6491535 6492000 – 6492535 6494000 – 6495535	23.VII.2006
Dest (E)	50	2685000 – 2685499	3.IX.2006
Sherbeen (E)	50	7938000 – 7939999	18.IX.2006
Abou Kber (E)	55	3522000 – 3523999	4.IX.2006
Mansafees (E)	86	2441850 – 2442849	1.IX.2006
Atlidm (E)	86	2473000 – 2474499	2.IX.2006
Nazlet Asmant (E)	86	2449400 – 2449899	2.IX.2006
Mankabad (E)	88	2277900 – 2278499	1.IX.2006
Abnoub (E)	88	2510512 – 2512511	5.IX.2006
Assuit II (E)	88	2285000 – 2288319	3.IX.2006
Nagaa Sabaa	88	2415000 – 2418519	1.IX.2006
El Azezat (E)	93	2960000 – 2963899	6.IX.2006
Shatoura (E)	93	4398500 – 4398999	4.IX.2006
Beat Dawood (E)	93	4203500 – 4203799	4.IX.2006
El Osayrat (E)	93	4931000 – 4932499	4.IX.2006
El Masaeed (E)	93	4873000 – 4873499	5.IX.2006
Mogamaa El Senaat (E)	97	3440600 – 3441299	5.IX.2006

<i>Exchange</i>	<i>Area code</i>	<i>Old numbering ranges</i>	<i>New numbering ranges</i>	<i>Date of entry into service</i>
Waked	45	3740000 – 3744499	3740000 – 3745007	5.IX.2006
El Baleyana	93	4800000 – 4809999 4820000 – 4824999	4800000 – 4815999	1.IX.2006

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Kuwait (country code +965)

Communication of 30.IX.2006:

The *Ministry of Communications*, Safat, announces the following addition to the National Numbering Plan (NNP) for Kuwait:

<i>Locality/Area</i>	<i>Subscriber Number (SN)</i>
East Sulaibikhat	493 XXXX
Hateen, Al Salam, Al Shuhada'a, Al Zahra'a	521 XXXX – 524 XXXX
Abdala Almubarak	435 XXXX, 436 XXXX
Ashbeelia	438 XXXX
South Al Doha	466 XXXX
South Jahra	453 XXXX, 454 XXXX
New Manqaf	374 XXXX
Fintas Al Ziraja	380 0XXX – 380 1XXX
Khairan City	323 XXXX
La'ale Al Khairan	324 XXXX
Fahad Al Ahmad	363 XXXX
Subah Alnasser	490 XXXX

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Poland (country code +48)

Communication of 12.X.2006:

The *Ministry of Transport and Construction*, Warsaw, announces the following telephone numbering plan for Poland:

- Geographic numbers

Locality	Area code	Number length (digits)	
		Minimum	Maximum
Kraków	12	Four (*)	Seven
Krosno	13	Four	Seven
Tarnów	14	Four	Seven
Tarnobrzeg	15	Four	Seven
Przemysł	16	Four	Seven
Rzeszów	17	Four	Seven
Nowy Sącz	18	Four	Seven
Warszawa	22	Four	Seven
Ciechanów	23	Four	Seven
Płock	24	Four	Seven
Siedlce	25	Four	Seven
Ostrołęka	29	Four	Seven
Katowice	32	Four	Seven
Bielsko Biała	33	Four	Seven
Częstochowa	34	Four	Seven
Kielce	41	Four	Seven
Łódź	42	Four	Seven
Sieradz	43	Four	Seven
Piotrków Trybunalski	44	Four	Seven
Skiermiewice	46	Four	Seven
Radom	48	Four	Seven
Bydgoszcz	52	Four	Seven
Włocławek	54	Four	Seven
Elbląg	55	Four	Seven
Toruń	56	Four	Seven
Gdańsk	58	Four	Seven
Słupsk	59	Four	Seven
Poznań	61	Four	Seven
Kalisz	62	Four	Seven
Konin	63	Four	Seven
Leszno	65	Four	Seven
Piła	67	Four	Seven
Zielona Góra	68	Four	Seven
Wrocław	71	Four	Seven
Wałbrzych	74	Four	Seven

Locality	Area code	Number length (digits)	
		Minimum	Maximum
Jelenia Góra	75	Four	Seven
Legnica	76	Four	Seven
Opole	77	Four	Seven
Lublin	81	Four	Seven
Chełm	82	Four	Seven
Biała Podlaska	83	Four	Seven
Zamość	84	Four	Seven
Białystok	85	Four	Seven
Łomża	86	Four	Seven
Suwałki	87	Four	Seven
Olsztyn	89	Four	Seven
Szczecin	91	Four	Seven
Koszalin	94	Four	Seven
Gorzów Wielkopolski	95	Four	Seven

* "Four digits" means short code dialling without area code inside numbering area: 9(1-7, 0)YZ with 9XYZ format.

There also exist three-digit short codes but only for emergency services (not available from other numbering areas):

- 112 – Common emergency number
- 984 – River rescue service
- 985 – Mountain/sea rescue service
- 986 – Municipal police
- 991 – Power stations brigade
- 992 – Gas brigade
- 993 – Heating brigade
- 994 – Waterworks brigade
- 997 – Police
- 998 – Fire brigade
- 999 – Ambulance

- Non-geographic numbers

Operator	Network code	Number length (digits) with network code		Remarks
		Minimum	Maximum	
PTK Centertel	500	Nine	Nine	Mobile telephony
PTK Centertel	501	Nine	Nine	Mobile telephony
PTK Centertel	502	Nine	Nine	Mobile telephony
PTK Centertel	503	Nine	Nine	Mobile telephony
PTK Centertel	504	Nine	Nine	Mobile telephony
PTK Centertel	505	Nine	Nine	Mobile telephony
PTK Centertel	506	Nine	Nine	Mobile telephony
PTK Centertel	507	Nine	Nine	Mobile telephony
PTK Centertel	508	Nine	Nine	Mobile telephony
PTK Centertel	509	Nine	Nine	Mobile telephony
PTK Centertel	510	Nine	Nine	Mobile telephony

Operator	Network code	Number length (digits) with network code		Remarks
		Minimum	Maximum	
PTK Centertel	511	Nine	Nine	Mobile telephony
PTK Centertel	512	Nine	Nine	Mobile telephony
PTK Centertel	513	Nine	Nine	Mobile telephony
PTK Centertel	514	Nine	Nine	Mobile telephony
PTK Centertel	515	Nine	Nine	Mobile telephony
PTK Centertel	516	Nine	Nine	Mobile telephony
PTK Centertel	517	Nine	Nine	Mobile telephony
PTC	600	Nine	Nine	Mobile telephony
POLKOMTEL	601	Nine	Nine	Mobile telephony
PTC	602	Nine	Nine	Mobile telephony
POLKOMTEL	603	Nine	Nine	Mobile telephony
PTC	604	Nine	Nine	Mobile telephony
POLKOMTEL	605	Nine	Nine	Mobile telephony
PTC	606	Nine	Nine	Mobile telephony
POLKOMTEL	607	Nine	Nine	Mobile telephony
PTC	608	Nine	Nine	Mobile telephony
POLKOMTEL	609	Nine	Nine	Mobile telephony
PTC	660	Nine	Nine	Mobile telephony
POLKOMTEL	661	Nine	Nine	Mobile telephony
PTC	662	Nine	Nine	Mobile telephony
POLKOMTEL	663	Nine	Nine	Mobile telephony
PTC	664 (1-8)	Nine	Nine	Mobile telephony
POLKOMTEL	665	Nine	Nine	Mobile telephony
Telekomunikacja Kolejowa GSM-R	6666	Nine	Nine	Mobile telephony
POLKOMTEL	667	Nine	Nine	Mobile telephony
PTC	668	Nine	Nine	Mobile telephony
POLKOMTEL	669	Nine	Nine	Mobile telephony
PTK Centertel	690	Nine	Nine	Mobile telephony
POLKOMTEL	691	Nine	Nine	Mobile telephony
PTC	692	Nine	Nine	Mobile telephony
POLKOMTEL	693	Nine	Nine	Mobile telephony
PTC	694	Nine	Nine	Mobile telephony
POLKOMTEL	695	Nine	Nine	Mobile telephony
PTC	696	Nine	Nine	Mobile telephony
POLKOMTEL	697	Nine	Nine	Mobile telephony
PTC	698	Nine	Nine	Mobile telephony
Tele 2 Polska	69901	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	6991 (1-2)	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	6992 (0-1)	Nine	Nine	Mobile telephony – MVNO
E-Telko	69922	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	6992 (3-9)	Nine	Nine	Mobile telephony – MVNO
MNI Mobile S.A.	6993	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	6994 (0-6)	Nine	Nine	Mobile telephony – MVNO
Telefony Opalenickie	6994 (7-8)	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	69949	Nine	Nine	Mobile telephony – MVNO

Operator	Network code	Number length (digits) with network code		Remarks
		Minimum	Maximum	
Telefonia Dialog	6995	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	6996 (4-6)	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	69969	Nine	Nine	Mobile telephony – MVNO
Telefonia Dialog	699 (7-9)	Nine	Nine	Mobile telephony – MVNO
PTK Centertel	780	Nine	Nine	Mobile telephony
POLKOMTEL	781	Nine	Nine	Mobile telephony
POLKOMTEL	783	Nine	Nine	Mobile telephony
POLKOMTEL	785	Nine	Nine	Mobile telephony
PTC	787	Nine	Nine	Mobile telephony
PTC	788	Nine	Nine	Mobile telephony
PTK Centertel	789	Nine	Nine	Mobile telephony
NETIA	79 (0-3)	Nine	Nine	Mobile telephony
PTK Centertel	799	Nine	Nine	Mobile telephony
PTC	880	Nine	Nine	Mobile telephony
POLKOMTEL	885	Nine	Nine	Mobile telephony
PTC	886	Nine	Nine	Mobile telephony
POLKOMTEL	887	Nine	Nine	Mobile telephony
PTC	888	Nine	Nine	Mobile telephony
PTC	889	Nine	Nine	Mobile telephony

- Non-geographic numbers (other)

Network/operator	Network code/service code	Number length (digits) with network code/service code		Remarks
		Minimum	Maximum	
Sieci Teleinformatyczne	20	Six	Six	Teleinformatics networks
Services based on IP	39	Nine	Nine	Services based on IP (including VoIP)
Directory Enquiry Services	118	Six	Six	Directory Enquiry Services
METRO-BIP	642	Nine	Nine	Paging
Premium rate	300	Nine	Nine	Not available from abroad
Televoting/mass calling	400	Nine	Nine	Not available from abroad
Premium rate	700	Nine	Nine	Not available from abroad
Premium rate	701	Nine	Nine	Not available from abroad
VOT (Televoting)	707	Nine	Nine	Not available from abroad
Audiotex	708	Nine	Nine	Not available from abroad
Freephone	800	Nine	Nine	Not available from abroad

Network/operator	Network code/service code	Number length (digits) with network code/service code		Remarks
		Minimum	Maximum	
Split charge	801	Nine	Nine	Not available from abroad
VSAT, Tekstofon, Fixed SMS	802	Nine	Nine	Not available from abroad
Universal Number	804	Nine	Nine	Not available from abroad
Virtual Private Network	806	Nine	Nine	Not available from abroad
Virtual Calling Card	808	Nine	Nine	Not available from abroad

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Communication of 19.X.2006:

The Republic Telecommunication Agency, Belgrade, announces the following modifications in the National Numbering Plan (NNP) for Serbia:

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		
62 (NDC)	9 12	5 5	Mobile services Voice Mail	Telenor d.o.o.
63 (NDC)	9 12	5 5	Mobile services Voice Mail	Telenor d.o.o.

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Somalia (country code +252)

Communication of 2.X.2006:

The *Ministry of Posts and Telecommunications*, Mogadishu, announces that the following number format is now available in Somalia via KPN Netherlands for operator Golis Telecommunications Somalia.

Country code	Service	Area code	Subscriber's format (five (5) and six (6) digits in length)	Test numbers
+252	Fixed	57	XX XXX	+252 57 22 010
		58	XX XXX	+252 58 22 010
		67	XX XXX	+252 67 42 010
		68	XX XXX	+252 68 52 010
		88	XX XXX	+252 88 72 010
+252	Mobile	90	XX XXXX	+252 90 79 2008

Administrations and ROAs are requested to programme these new ranges in their switching equipment.

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Ministry of Posts and Telecommunications
Directorate General
MOGADISHU
Somalia
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Ukraine (country code +380)

Communication of 16.X.2006:

The *Ministry of Transport and Communications*, Kyiv, announces the following update of the fixed service in the National Numbering Plan (NNP) of Ukraine.

It is to be noted that N(S)N number length is temporarily ten (10) digits within Ukraine (NDC format is OXX), before transition to new numbering systems.

a) Overview

Minimum number length (excluding the country code): nine (9) digits

Maximum number length (excluding the country code): nine (9) digits

b) Details of numbering scheme

Fixed service

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		
31 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Zakarpattia region
32 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Lviv region
33 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Volyn region

<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>		
34 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Ivano-Frankivsk region
35 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Ternopil region
36 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Rivne region
37 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Chernivtsi region
38 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Khmelnytsky region
41 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Zhytomyr region
43 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Vinnytsya region
44 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Kyiv region
46 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Chernihiv region
47 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Chorkusy region
48 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Odesa region
51 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Mykolayiv region
52 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Kirovohrad region
53 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Poltava region
54 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Sumy region
55 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Kherson region
56 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Dnipropetrovsk region
57 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Kharkiv region
61 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Zaporizhzhya region

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		
62 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Donetsk region
64 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Luhansk region
65 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Crimea region
69 (NDC)	9	9	Geographic number for fixed telephony services (area code)	Area code for Sevastopol region

Contact:

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Viet Nam (country code +84)

Communication of 3.X.2006:

The *Ministry of Posts and Telematics (MPT)*, Hanoi, announces the following updated numbering plan for Viet Nam.

1. On 1 October 2006, from 0000 hours, local time (1700 hours UTC on 30 September 2006), the PSTN subscriber number in Dong Nai province (area code 61), Hai Phong City (area code 31), Nghe An province (area code 38) will be changed from six (6)-digits into seven (7)-digits by adding "3" in front of the existing subscriber number.

There will be a one-month dual access period for both the old six (6)-digit and new seven (7)-digit numbers until 1 November 2006.

For example: +84 61 654321 will be changed to +84 61 3654321
+84 31 654321 will be changed to +84 31 3654321
+84 38 654321 will be changed to +84 38 3654321

Please note that this will not be applied for the telephone numbers of other provinces.

2. From 15 September 2006, a new mobile code was implemented in Viet Nam. The format is: +84 94 XXX XXXX (Vinaphone operator).

Presentation of Viet Nam National Numbering Plan (NNP) for Country Code +84

Minimum number length (excluding the country code): seven (7) digits

Maximum number length (excluding the country code): ten (10) digits

Detail of numbering scheme

<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>		
18 (NDC)	8	8	Geographic number	Area code for Hoa Binh province
1800 (NDC)	8	10	Value Added Network Services	Free phone (International calls will be charged as normal call)
1900 (NDC)	8	10	Value Added Network Services	Premium service
199 (NDC)	7	7	Private network	Fixed number for Foreign Affairs Ministry (PABX)
19 (NDC)	8	8	Geographic number	Area code for Ha Giang province
20 (NDC)	8	8	Geographic number	Area code for Lao Cai province
210 (NDC)	9	9	Geographic number	Area code for Phu Tho province
211 (NDC)	9	9	Geographic number	Area code for Vinh Phu province
22 (NDC)	8	8	Geographic number	Area code for Son La province
23 (NDC)	8	8	Geographic number	Area code for Lai Chau province
240 (NDC)	9	9	Geographic number	Area code for Bac Giang province
241 (NDC)	9	9	Geographic number	Area code for Bac Ninh province
25 (NDC)	8	8	Geographic number	Area code for Lang Son province
26 (NDC)	8	8	Geographic number	Area code for Cao Bang province
27 (NDC)	8	8	Geographic number	Area code for Tuyen Quang province
280 (NDC)	9	9	Geographic number	Area code for Thai Nguyen province
281 (NDC)	9	9	Geographic number	Area code for Bac Kan province
29 (NDC)	8	8	Geographic number	Area code for Yen Bai province
30 (NDC)	8	8	Geographic number	Area code for Ninh Binh province
31 (NDC)	9	9	Geographic number	Area code for Hai Phong province
320 (NDC)	9	9	Geographic number	Area code for Hai Duong province
321 (NDC)	9	9	Geographic number	Area code for Hung Yen province
33 (NDC)	8	8	Geographic number	Area code for Quang Ninh province
34 (NDC)	8	8	Geographic number	Area code for Ha Tay province

<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>		
350 (NDC)	9	9	Geographic number	Area code for Nam Dinh province
351 (NDC)	9	9	Geographic number	Area code for Ha Nam province
36 (NDC)	8	8	Geographic number	Area code for Thai Binh province
37 (NDC)	8	8	Geographic number	Area code for Thanh Hoa province
38 (NDC)	9	9	Geographic number	Area code for Nghe An province
39 (NDC)	8	8	Geographic number	Area code for Ha Tinh province
4 (NDC)	8	8	Geographic number	Area code for Ha Noi City
50 (NDC)	8	8	Geographic number	Area code for Dak Lak province
510 (NDC)	9	9	Geographic number	Area code for Quang Nam province
511 (NDC)	9	9	Geographic number	Area code for Da Nang province
52 (NDC)	8	8	Geographic number	Area code for Quang Binh province
53 (NDC)	8	8	Geographic number	Area code for Quang Tri province
54 (NDC)	8	8	Geographic number	Area code for Thua Thien Hue province
55 (NDC)	8	8	Geographic number	Area code for Quang Ngai province
56 (NDC)	8	8	Geographic number	Area code for Binh Dinh province
57 (NDC)	8	8	Geographic number	Area code for Phu Yen province
58 (NDC)	8	8	Geographic number	Area code for Khanh Hoa province
59 (NDC)	8	8	Geographic number	Area code for Gia Lai province
60 (NDC)	8	8	Geographic number	Area code for Kon Tum province
61 (NDC)	9	9	Geographic number	Area code for Dong Nai province
62 (NDC)	8	8	Geographic number	Area code for Binh Thuan province
63 (NDC)	8	8	Geographic number	Area code for ThuanLam Dong province
64 (NDC)	8	8	Geographic number	Area code for Ba Ria – Vung Tau province
650 (NDC)	9	9	Geographic number	Area code for Binh Duong province
651 (NDC)	9	9	Geographic number	Area code for Binh Phuoc province
66 (NDC)	8	8	Geographic number	Area code for Tay Ninh province
67 (NDC)	8	8	Geographic number	Area code for Dong Thap province

<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>		
68 (NDC)	8	8	Geographic number	Area code for Ninh Thuan province
69 (NDC)	8	7	Non-geographic number. Private network	Fixed number for Ministry of National Defense & Home Affairs Ministry Network
70 (NDC)	8	8	Geographic number	Area code for Vinh Long province
71 (NDC)	8	8	Geographic number	Area code for Can Tho province
72 (NDC)	8	8	Geographic number	Area code for Long An province
73 (NDC)	8	8	Geographic number	Area code for Tien Giang province
74 (NDC)	8	8	Geographic number	Area code for Tra Vinh province
75 (NDC)	8	8	Geographic number	Area code for Ben Tre province
76 (NDC)	8	8	Geographic number	Area code for An Giang province
77 (NDC)	8	8	Geographic number	Area code for Kien Giang province
780 (NDC)	8	8	Geographic number	Area code for Ca Mau province
781 (NDC)	8	8	Geographic number	Area code for Bac Lieu province
79 (NDC)	8	8	Geographic number	Area code for Soc Trang province
8 (NDC)	8	8	Geographic number	Area code for Ho Chi Minh City
80 (NDC)	7	7	Non-geographic number. Private network	Fixed number for Central Post and Telecom Division
90 (NDC)	9	9	Non-geographic number-Mobile	Mobifone – VNPT
91 (NDC)	9	9	Non-geographic number-Mobile	Vinaphone – VNPT
93 (NDC)	9	9	Non-geographic number-Mobile	Mobifone – VNPT access as at June 1, 2006
94 (NDC)	9	9	Non-geographic number-Mobile	Vinaphone – VNPT access as at September 15, 2006
95 (NDC)	9	9	Non-geographic number-Mobile (CDMA)	SPT operator
96 (NDC)	9	9	Non-geographic number-Mobile (CDMA)	EVN operator
98 (NDC)	9	9	Non-geographic number-Mobile	Viettel operator
99 (NDC)	8	8	Non-geographic number	VSAT

Contact:

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**Changes in the administrations/ROAs and other entities
or organizations**

Qatar

Communication of 29.X.2006:

Administrative changes

Qatar Telecom (Qtel), Doha, announces that, as a result of some administrative changes, Mr Adel Al-Mutawa has been assigned as its focal point. His contact details are the following:

Mr Adel Al-Mutawa
Manager
International Relations
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Fax: +974 483 1317
E-mail: amutawa@qtel.com.qa

For further information, please contact:

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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)	Morocco	692 (p.8), 707 (p.5), 727 (p.5)
Aruba	776 (p.6)	Netherlands	823 (p.8), 836 (p.11)
Australia	726 (p.13, p.31)	Netherlands Antilles	770 (p.9), 786 (p.7)
Austria	682 (p.5)	New Caledonia	776 (p.31), 867 (p.9)
Azerbaijan	637 (p.20)	Nigeria	829 (p.18)
Barbados	783 (p.5-6)	Norway	682 (p.5), 716 (p.17)
Belgium	683 (p.6), 776 (p.36)	Pakistan	827 (p.14), 852 (p.13)
Belize	845 (p.12)	Panama	805 (p.18), 839 (p.6)
Bulgaria	826 (p.13)	Peru	753 (p.9)
Canada	692 (p.4)	Portugal	757 (p.4)
Cayman Islands	808 (p.7-9), 829 (p.7)	Romania	829 (p.18)
China	640 (p.4)	Russia	635 (p.4)
Colombia	835 (p.8)	Saint Lucia	853 (p.12)
Cyprus	655 (p.5), 784 (p.3), 802 (p.5), 825 (p.15), 828 (p.36), 871 (p.5)	Saint Vincent and the Grenadines	797 (p.21)
Denmark	719 (p.5), 835 (p.5), 840 (p.4)	San Marino	834 (p.18)
Dominica	785 (p.5), 796 (p.4-5)	Saudi Arabia	826 (p.13)
Fiji	824 (p.10)	Serbia	778 (p.16), 804 (p.8)
Finland	704 (p.13), 726 (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	827 (p.14)	Swaziland	865 (p.11)
Iceland	802 (p.10)	Sweden	688 (p.5), 699 (p.9)
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	861 (p.12)
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)
Mauritius	610 (p.6)		

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
COL column
LIR read
P page(s)

PAR paragraph
REP replace
SUP delete

List of Issuer Identifier Numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 April 2005)

(Annex to ITU Operational Bulletin No. 833 – 1.IV.2005)

(Amendment No. 24)*

P 50 United Kingdom 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 Kingdom	Mapesbury Communications Ltd Mount Manor House 16 The Mount GUILDFORD, Surrey GU2 4HS United Kingdom	89 44 15	Mr Magnus Kelly Mapesbury Communications Ltd 8 Station Road WATFORD Herts WD7 2EG United Kingdom Tel: +44 207 189 3901 Fax: +44 192 363 0445 E-mail: magnus@mapesbury.com	1.VII.2006

* This information cancels and replaces that published in ITU Operational Bulletin No. 864 of 15.VII.2006, page 18.

**Mobile Network Code (MNC) for the international identification plan
for mobile terminals and mobile users
(According to ITU-T Recommendation E.212 (05/2004))
(Position on 1 June 2005)**

(Annex to ITU Operational Bulletin No. 837 – 1.VI.2005)

(Amendment No. 24)**

P 18 ADD Somalia

<i>Country/geographical area</i>	<i>MCC + MNC*</i>	<i>Name of network/operator</i>
Somalia	637 30	Golis Telecommunications Company

* 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.

** Last amendment to this List. See new List annexed.

**List of Signalling Area/Network Codes (SANC)
(Complement to ITU-T Recommendation Q.708 (03/1999))
(Position on 1 February 2006)**

(Annex to ITU Operational Bulletin No. 853 – 1.II.2006)

(Amendment No. 15)

Numerical Order ADD

P 12 5-037 Philippines (Republic of the)

P 13 6-059 Democratic Republic of the Congo

Alphabetical Order ADD

P 18 6-059 Democratic Republic of the Congo

P 23 5-037 Philippines (Republic of the)

SANC: Signalling Area/Network Codes.

Codes de zone/réseau sémaphore (CZRS).

Códigos de zona/red de señalización (CZRS).

**List of International Signalling Point Codes (ISPC)
(According to ITU-T Recommendation Q.708 (03/1999))
(Position on 1 October 2006)**

(Annex to ITU Operational Bulletin No. 869 – 1.X.2006)

(Amendment No. 2)

Country/ geographical area ISPC	Unique name of the signalling point	Name of the signalling point operator
P 77	United States	ADD
	3-198-3	Los Angeles, CA
	3-198-4	Mattoon, IL
		Arbinet-thexchange Inc.
		VeriSign, Inc.
P 47	Philippines	REP all information by:
	5-030-0	...
	5-030-1	Metro Manila 1
	5-030-2	Metro Manila 2
	5-030-3	Metro Manila 3
	5-030-4	...
	5-030-5	...
	5-030-6	...
	5-030-7	...
	5-031-0	...
	5-031-1	...
	5-031-2	...
	5-031-3	...
	5-031-4	...
	5-031-5	SCC, Makati City
	5-031-6	SCC, Makati City
	5-031-7	SCC, Makati City
	5-032-0	...
	5-032-1	...
	5-032-2	...
	5-032-3	...
	5-032-4	Manila GSM
	5-032-5	GSM
	5-032-6	GSM
	5-032-7	Cebu City GSM
	5-033-0	...
	5-033-1	...
	5-033-2	...
	5-033-3	...
	5-033-4	...
	5-033-5	...
	5-033-6	...
		Isla Communications (ISLACOM)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Long Distance Telephone Company (PLDT)
		Philippine Global Communications Inc. (PHILCOM)
		Philippine Global Communications Inc. (PHILCOM)
		Bayantel
		Bayantel
		Globe Telecom Inc. (GMCR)
		Globe Telecom Inc. (GMCR)
		Isla Communications (ISLACOM)
		CAPWIRE
		CAPWIRE
		CAPWIRE
		Philippines (Smart)
		Philippines (Smart)
		Philippines (Smart)
		SBMA
		ISLACOM GSM
		ISLACOM GSM
		Globe Telecom Inc. (GMCR)
		ISLACOM GSM
		Philippine Global Communications Inc. (PhilComsat)
		Philippine Global Communications Inc. (PhilComsat)
		Philippine Global Communications Inc. (PhilComsat)
		Nextel
		Aces
		Aces
		CAPWIRE

Country/ geographical area ISPC	Unique name of the signalling point	Name of the signalling point operator
P 47 Philippines	REP all information by:	
5-033-7	...	Bell Telecom
5-034-0	Makati City	ETPI
5-034-1	Makati City	ETPI
5-034-2	Makati City	ETPI
5-034-3	...	Capwire
5-034-4	...	Digitel
5-034-5	...	Digitel
5-034-6	...	Digitel
5-034-7	...	Capwire
5-035-0	...	Capwire
5-035-1	...	Globe Telecom (GSM)
5-035-2	...	Digitel GSM
5-035-3	...	Globe Telecom (GMCR)
5-035-4	...	SMART
5-035-5	...	Digitel IGF
5-035-6	...	Digitel IGF
5-035-7	...	PHILCOM
5-036-0	...	PHILCOM
5-036-1	...	Digitel IGF
5-036-2	...	CURE CMTS
5-036-3	...	CURE CMTS

P 14 **Dem. Rep. of the Congo** **DD**

6-061-3	INATO1	SAIT TELECOM
6-061-6	INATO2	SAIT TELECOM

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))

Electronic version: 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 web page concerning the national numbering plan as well as their contact points, so that the information, which will be 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.X.2006 to 15.X.2006, the following countries have updated their national numbering plans on our site:

<i>Burkina Faso</i>	(country code +226)
<i>United Arab Emirates</i>	(country code +971)
<i>Gambia (Republic of the)</i>	(country code +220)
<i>Guatemala (Republic of)</i>	(country code +502)
<i>Jamaica</i>	(country code +1 876)
<i>Serbia (Republic of)</i>	(country code +381)
<i>Tunisia</i>	(country code +216)
<i>Uruguay (Eastern Republic of)</i>	(country code +598)



INTERNATIONAL TELECOMMUNICATION UNION

**TSB
TELECOMMUNICATION
STANDARDIZATION BUREAU
OF ITU**

**Mobile Network Code (MNC) for the international
identification plan for mobile terminals and mobile users
(According to ITU-T Recommendation E.212 (05/2004))**

(POSITION ON 1 NOVEMBER 2006)

Mobile Network Code (MNC)

Note from TSB

1. A centralized List of Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users has been created within TSB.
2. This List of Mobile Network Code (MNC) will be published as annex to ITU Operational Bulletin No. 871 of 1.XI.2006. 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 web: 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 home page, web: <http://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
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 the ITU concerning the legal status of any country or geographical area, or of its authorities.

Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users

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
<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 Moviles S.A.	722	010
Nextel Argentina srl	722	020
Telefonica 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
Telstra Corporation Ltd.	505	11
Hutchison Telecommunications (Australia) Pty. Ltd.	505	12
AAPT Ltd.	505	14
3GIS Pty Ltd. (Telstra & Hutchison 3G)	505	15
Advanced Communications Technologies Pty. Ltd.	505	24
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

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Austria</i>		
A1	232	01
T-Mobile	232	03
One	232	05
tele.ring	232	07
Telefonica Austria	232	08
One	232	09
Hutchison 3G Austria	232	10
<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>		
B-Mobile of Bhutan Telecom	402	17
<i>Bolivia</i>		
Nuevatel S.A.	736	01
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

Country or Geographical Area Networks	MCC + MNC codes*	
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
Telpe 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>		
Caribbean Cellular Telephone, Boatphone Ltd.	348	570
<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
Samart (Casacom)	456	02
S Telecom (CDMA) (reserved)	456	03
Camshin (Shinawatra)	456	18

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Cameroon</i>		
Mobile Telephone Networks Cameroon	624	01
Orange Cameroun	624	02
<i>Canada</i>		
Clearnet	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
<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 Telefonica Movíl	730	01
Telefónica Móvil	730	02
Smartcom	730	03
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
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
Teléfono Móviles Colombia S.A.	732	123
<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

**Country or Geographical Area
Networks**

MCC + MNC codes*

Country or Geographical Area Networks	MCC	MNC codes*
<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>		
Cronet	219	01
VIPnet	219	10
<i>Cuba</i>		
ETECSA	368	01
<i>Cyprus</i>		
CYTA	280	01
Scancom (Cyprus) Ltd.	280	10
<i>Czech Rep.</i>		
RadioMobil a.s., T-Mobile	230	01
Eurotel Praha, spol. Sro., Eurotel	230	02
Ceský Mobil a.s., Oskar	230	03
Ceský Mobil a.s., R&D Centre	230	99
<i>Dem.Rep. of the Congo</i>		
Vodacom Congo RDC sprl	630	01
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>		
EMS - Mobinil	602	01
Vodafone Egypt	602	02
<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

Country or Geographical Area Networks	MCC + MNC codes*	
<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
<i>Ethiopia</i>		
ETH MTN	636	01
<i>Faroe Islands</i>		
Faroese Telecom - GSM	288	01
Kall GSM	288	02
<i>Fiji</i>		
Vodafone	542	01
<i>Finland</i>		
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
<i>France</i>		
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
<i>French Departments and Territories in the Indian Ocean</i>		
Orange La Réunion	647	00
Outremer Telecom	647	02
Société Réunionnaise du Radiotéléphone	647	10
<i>French Polynesia</i>		
Tikiphone	547	20
<i>Gabon</i>		
Libertis S.A.	628	01
Telecel Gabon S.A.	628	02
Celtel Gabon S.A.	628	03
<i>Gambia</i>		
Gamcel	607	01
Africell	607	02
Comium Services Ltd	607	03

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Georgia</i>		
Geocell Ltd.	282	01
Magti GSM Ltd.	282	02
Iberiatel Ltd.	282	03
Mobitel Ltd.	282	04
<i>Germany</i>		
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
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
<i>Gibraltar</i>		
Gibtel GSM	266	01
<i>Greece</i>		
Cosmote	202	01
Vodafone - Panafon	202	05
Info Quest S.A.	202	09
Telestet	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>		
Spacetel	611	01
Sotelgui	611	02
<i>Guinea-Bissau</i>		
Guinétel S.A.	632	01
Spacetel Guiné-Bissau S.A.	632	02

Country or Geographical Area Networks	MCC + MNC codes*	
<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
<i>Hong Kong, China</i>		
GSM900/HKCSL	454	00
MVNO/CITIC	454	01
3G Radio System/HKCSL3G	454	02
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
Tal hf	274	02
Islandssimi GSM ehf	274	03
IMC Islande ehf	274	04
<i>India</i>		
Aircell Digilink India Ltd.,	404	01
Bharti Mobile Ltd.	404	02
Bharti Telenet Ltd.	404	03
Idea Cellular Ltd.	404	04
Fascel Ltd.	404	05
Bharti Mobile Ltd.	404	06
Idea Cellular Ltd.	404	07
Reliance Telecom Private Ltd.	404	09
Bharti Cellular Ltd.	404	10
Sterling Cellular Ltd.	404	11
Escotel Mobile Communications Pvt Ltd.	404	12
Hutchinson Essar South Ltd.	404	13
Spice Communications Ltd.	404	14
Aircell Digilink India Ltd.	404	15
Hexcom India	404	16
Reliance Telecom Private Ltd.	404	18
Escotel Mobile Communications Pvt Ltd.	404	19

**Country or Geographical Area
Networks****MCC + MNC codes***

Hutchinson Max Telecom	404	20
BPL Mobile Communications Ltd.	404	21
Idea Cellular Ltd.	404	22
Idea Cellular Ltd.	404	24
BPL Cellular Ltd.	404	27
Usha Martin Telecom Ltd.	404	30
Bharti Mobinet Ltd.	404	31
Bharat Sanchar Nigam Ltd. (BSNL)	404	34
Reliance Telecom Private Ltd.	404	36
Bharat Sanchar Nigam Ltd. (BSNL)	404	38
Bharti Mobinet Ltd.	404	40
RPG Cellular	404	41
Aircel Ltd.	404	42
BPL Mobile Cellular Ltd.	404	43
Spice Communications Ltd.	404	44
BPL Cellular Ltd.	404	46
Bharti Mobile Ltd.	404	49
Reliance Telecom Private Ltd.	404	50
Bharat Sanchar Nigam Ltd. (BSNL)	404	51
Reliance Telecom Private Ltd.	404	52
Bharat Sanchar Nigam Ltd. (BSNL)	404	53
Bharat Sanchar Nigam Ltd. (BSNL)	404	54
Bharat Sanchar Nigam Ltd. (BSNL)	404	55
Escotel Mobile Communications Pvt Ltd.	404	56
Bharat Sanchar Nigam Ltd. (BSNL)	404	57
Bharat Sanchar Nigam Ltd. (BSNL)	404	58
Bharat Sanchar Nigam Ltd. (BSNL)	404	59
Aircell Digilink India Ltd.	404	60
Bharat Sanchar Nigam Ltd. (BSNL)	404	62
Bharat Sanchar Nigam Ltd. (BSNL)	404	64
Bharat Sanchar Nigam Ltd. (BSNL)	404	66
Reliance Telecom Private Ltd.	404	67
Mahanagar Telephone Nigam Ltd.	404	68
Mahanagar Telephone Nigam Ltd.	404	69
Hexicom India	404	70
Bharat Sanchar Nigam Ltd. (BSNL)	404	71
Bharat Sanchar Nigam Ltd. (BSNL)	404	72
Bharat Sanchar Nigam Ltd. (BSNL)	404	73
Bharat Sanchar Nigam Ltd. (BSNL)	404	74
Bharat Sanchar Nigam Ltd. (BSNL)	404	75
Bharat Sanchar Nigam Ltd. (BSNL)	404	76
Bharat Sanchar Nigam Ltd. (BSNL)	404	77
BTA Cellcom Ltd.	404	78
Bharat Sanchar Nigam Ltd. (BSNL)	404	80
Bharat Sanchar Nigam Ltd. (BSNL)	404	81
Escorts Telecom Ltd.	404	82
Reliable Internet Services Ltd.	404	83
Hutchinson Essar South Ltd.	404	84
Reliance Telecom Private Ltd.	404	85
Hutchinson Essar South Ltd.	404	86
Escorts Telecom Ltd.	404	87
Escorts Telecom Ltd.	404	88
Escorts Telecom Ltd.	404	89
Bharti Cellular Ltd.	404	90
Bharti Cellular Ltd.	404	92
Bharti Cellular Ltd.	404	93
Bharti Cellular Ltd.	404	94
Bharti Cellular Ltd.	404	95
Bharti Cellular Ltd.	404	96
Bharti Cellular Ltd.	404	97

Country or Geographical Area Networks	MCC + MNC codes*	
Bharti Cellular Ltd.	404	98
<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
Globalstar	901	04
Thuraya RMSS Network	901	05
Thuraya Satellite Telecommunications Company	901	06
Ellipso	901	07
GSM	901	08
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
SITA GSM services in aircraft	901	15
Jasper Systems, Inc.	901	16
Jersey Telecom	901	17
Cingular Wireless	901	18
Vodafone Malta	901	19
<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>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
Pelex Communications Ltd.	425	03
<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

**Country or Geographical Area
Networks****MCC + MNC codes****Japan*

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
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

**Country or Geographical Area
Networks**

MCC + MNC codes*

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
Okinawa Cellular Telephone KDDI Corporation	440	78
TU-KA Cellular Tokyo Inc.	440	79
TU-KA Cellular Tokyo Inc.	440	80
TU-KA Phone Kansai Inc.	440	81
TU-KA Cellular Tokai Inc.	440	82
TU-KA Phone Kansai Inc.	440	83
TU-KA Cellular Tokai Inc.	440	84
TU-KA Cellular Tokyo 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

Country or Geographical Area Networks	MCC + MNC codes*	
<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>Kuwait</i>		
Mobile Telecommunications Company	419	02
Wataniya Telecom	419	03
<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>		
Latvian Mobile Phone	247	01
Tele2	247	02
Telekom Baltija	247	03
Beta Telecom	247	04
<i>Lebanon</i>		
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

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Macao, China</i>		
Smartone Mobile Communications (Macao) Ltd.	455	00
CTM GSM	455	01
Hutchison Telecom	455	03
<i>Madagascar</i>		
MADACOM	646	01
Orange Madagascar	646	02
Telecom Malagasy Mobile	646	04
<i>Malawi</i>		
Telekom Network Ltd.	650	01
Celtel Ltd.	650	10
<i>Malaysia</i>		
Art900	502	00
Maxis	502	12
TM Touch	502	13
DIGI	502	16
TimeCel	502	17
CelCom	502	19
<i>Maldives</i>		
DhiMobile	472	01
<i>Mali</i>		
Malitel	610	01
<i>Malta</i>		
Vodafone Malta	278	01
go mobile	278	21
<i>Mauritania</i>		
Mattel	609	01
<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</i>		
Voxtel	259	01
Moldcell	259	02
<i>Mongolia</i>		
Mobicom	428	99
<i>Morocco</i>		
Méditelcom (GSM)	604	00
Ittissalat Al Maghrid	604	01
<i>Mozambique</i>		
T.D.M. GSM	643	01
VM Sarl	643	04
<i>Myanmar</i>		
Myanmar Post and Telecommunication	414	01
<i>Namibia</i>		
Mobile Telecommunications Ltd.	649	01
Powercom Pty Ltd	649	03

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Nepal</i>		
Nepal Telecommunications	429	01
<i>Netherlands</i>		
Tele2 (Netherlands) B.V.	204	02
Vodafone Libertel N.V.	204	04
KPN Telecom B.V.	204	08
BT Ignite Nederland B.V.	204	12
BEN Nederland B.V.	204	16
Dutchtone N.V.	204	20
NS Railinfrabeheer B.V.	204	21
<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 Mobile Network	530	01
Teleom New Zealand CDMA Mobile Network	530	02
Walker Wireless Ltd.	530	03
Econet Wireless New Zealand GSM Mobile Network	530	28
<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
Nigeria Telecommunications Ltd.	621	40
<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
<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

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Papua New Guinea</i>		
Pacific Mobile Communications	537	01
Dawamiba PNG Ltd	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 Telefonía Cyfrowa Sp. Z.o.o.)	260	02
Idea (Polska Telefonía 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
TMN - Telecomunicações Movéis Nacionais, S.A.	268	06
<i>Qatar</i>		
QATARNET	427	01
<i>Romania</i>		
Vodafone Romania SA	226	01
Cosmorum	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
Orenot	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

Country or Geographical Area Networks	MCC + MNC codes*	
PrinTelefone	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
<i>Senegal</i>		
Sonatel	608	01
Sentel GSM	608	02
<i>Serbia</i>		
Mobtel	220	01
Promonte GSM	220	02
Telekom Srbija	220	03
Monet	220	04
<i>Seychelles</i>		
Cable & Wireless (Seychelles) Ltd.	633	01
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
Dtatel (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
Akton d.o.o.	293	69
Tusmobil d.o.o.	293	70

**Country or Geographical Area
Networks**

MCC + MNC codes*

Country or Geographical Area Networks	MCC	MNC
<i>Somalia</i>		
Golis Telecommunications Company	637	30
<i>South Africa</i>		
Vodacom (Pty) Ltd.	655	01
Sentech (Pty) Ltd.	655	06
Cell C (Pty) Ltd.	655	07
Mobile Telephone Networks	655	10
SAPS Gauteng	655	11
Cape Town Metropolitan Council	655	21
Bokamoso Consortium	655	30
Karabo Telecoms (Pty) Ltd.	655	31
Ilizwi Telecommunications	655	32
Thinta Thinta Telecommunications	655	33
Bokone Telecoms	655	34
Kingdom Communications	655	35
Amatole Telecommunication Services	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
<i>Sudan</i>		
SD Mobitel	634	01
Areeba-Sudan	634	02
<i>Suriname</i>		
Telesur	746	02
<i>Swaziland</i>		
Swazi MTN	653	10
<i>Sweden</i>		
Telia Sonera AB	240	01
H3G Access AB	240	02
Nordisk Mobiltelefon AS	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
Swefour AB	240	10
Linholmen Science Park AB	240	11
Wireless Maingate Message Services AB	240	20
Banverket	240	21
<i>Switzerland</i>		
Swisscom GSM	228	01
Sunrise GSM	228	02
Orange	228	03
Togewanet AG	228	05
SBB AG	228	06
IN&Phone SA	228	07
Tele2 Telecommunications AG	228	08
Sunrise UMTS	228	12
3G Mabile AG	228	50
Global Networks Schweiz AG	228	51

Country or Geographical Area Networks	MCC + MNC codes*	
<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
<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>		
Mobimak	294	01
MTS	294	02
<i>Togo</i>		
Togo Telecom	615	01
<i>Tonga</i>		
Tonga Communications Corporation	539	01
Shoreline Communication	539	43
<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>Uganda</i>		
CelTel Uganda	641	01
MTN Uganda Ltd.	641	10
Uganda Telecom Ltd.	641	11
<i>Ukraine</i>		
Ukrainian Mobile Communication, UMC	255	01
Ukrainian Radio Systems, URS	255	02
Kyivstar	255	03
Golden Telecom, GT	255	04
Astelit	255	06
Ukrtelecom	255	07

**Country or Geographical Area
Networks**

MCC + MNC codes*

United Arab Emirates

Etisalat 424 02

United Kingdom

O2 UK Ltd. 234 02

O2 UK Ltd. 234 10

O2 UK Ltd. 234 11

Railtrack Plc 234 12

Vodafone Ltd. 234 15

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

Guernsey Telecom 234 55

Manx Telecom 234 58

Inquam Telecom (Holdings) Ltd. 234 75

United States

MCI 310 010

Verizon Wireless 310 012

Mobile Tel Inc. 310 013

Testing 310 014

Cricket Communications 310 016

North Sight Communications Inc. 310 017

Union Telephone Company 310 020

Centennial Communications 310 030

Nevada Wireless LLC 310 034

Concho Cellular Telephone Co., Inc. 310 040

ACS Wireless Inc. 310 050

Consolidated Telcom 310 060

Highland Cellular, Inc. 310 070

Corr Wireless Communications LLC 310 080

Edge Wireless LLC 310 090

New Mexico RSA 4 East Ltd. Partnership 310 100

Sprint 310 120

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

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

Get Mobile Inc. 310 300

T-Mobile USA 310 310

Bug Tussel Wireless LLC 310 320

AN Subsidiary LLC 310 330

High Plains Midwest LLC, dba Wetlink Communications 310 340

**Country or Geographical Area
Networks****MCC + MNC codes***

Mohave Cellular L.P.	310	350
Cellular Network Partnership dba Pioneer Cellular	310	360
Guamcell Cellular and Paging	310	370
AT&T Wireless Services Inc.	310	380
TX-11 Acquisition LLC	310	390
Wave Runner LLC	310	400
Cingular Wireless	310	410
Cincinnati Bell Wireless LLC	310	420
Alaska Digital LLC	310	430
Numerex Corp.	310	440
North East Cellular Inc.	310	450
TMP Corporation	310	460
Guam Wireless Telephone Company	310	470
Choice Phone LLC	310	480
Triton PCS	310	490
Public Service Cellular, Inc.	310	500
Airtel Wireless LLC	310	510
VeriSign	310	520
West Virginia Wireless	310	530
Oklahoma Western Telephone Company	310	540
American Cellular Corporation	310	560
MTPCS LLC	310	570
PCS ONE	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
Comtel PCS Mainstreet LP	310	630
Airadigm Communications	310	640
Jasper Wireless Inc.	310	650
T-Mobile USA	310	660
Northstar	310	670
Noverr Publishing, Inc. dba NPI Wireless	310	680
Conestoga Wireless Company	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
Telemetrix Technologies	310	740
East Kentucky Network LLC dba Appalachian Wireless	310	750
Panhandle Telecommunications Systems Inc.	310	760
Iowa Wireless Services LP	310	770
PinPoint Communications Inc.	310	790
T-Mobile USA	310	800
Brazos Cellular Communications Ltd.	310	810
Triton PCS License Company LLC	310	820
Caprock Cellular Ltd. Partnership	310	830
Edge Mobile LLC	310	840
Aeris Communications, Inc.	310	850
Kaplan Telephone Company Inc.	310	870
Advantage Cellular Systems, Inc.	310	880
Rural Cellular Corporation	310	890
Taylor Telecommunications Ltd.	310	900
Southern IL RSA Partnership dba First Cellular of Southern	310	910
Poka Lambro Telecommunications Ltd.	310	940
Texas RSA 1 dba XIT Cellular	310	950
Globalstar USA	310	970

**Country or Geographical Area
Networks****MCC + MNC codes***

AT&T Wireless Services Inc.	310	980
Alaska Digitel	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
Commet Wireless, LLC	311	040
Easterbrooke Cellular Corporation	311	070
Pine Telephone Company dba Pine Cellular	311	080
Siouxland PCS	311	090
High Plains Wireless L.P.	311	100
High Plains Wireless L.P.	311	110
Choice Phone LLC	311	120
Amarillo License L.P.	311	130
MBO Wireless Inc./Cross Telephone Company	311	140
Wilkes Cellular Inc.	311	150
Endless Mountains Wireless, LLC	311	160
Cingular Wireless, Licensee Pacific Telesis Mobile Services, LLC	311	180
Cellular Properties Inc.	311	190
ARINC	311	200
Farmers Cellular Telephone	311	210
Cellular South Inc.	311	230
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
Verizon Wireless	311	287
Verizon Wireless	311	288
Verizon Wireless	311	289
Pinpoint Wireless Inc.	311	290
Commnet Wireless LLC	311	320
Illinois Valley Cellular	311	340
New Dimension Wireless Ltd.	311	380
Midwest Wireless Holdings LLC	311	390
Salmon PCS LLC	311	400
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
Nextel Communications Inc.	316	010
Southern Communications Services Inc.	316	011

Country or Geographical Area Networks	MCC + MNC codes*	
<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
<i>Vanuatu</i>		
SMILE	541	01
<i>Venezuela</i>		
Infonet	734	01
Corporación Digitel	734	02
Digicel	734	03
Telcel, C.A.	734	04
<i>Viet Nam</i>		
Mobifone	452	01
Vinaphone	452	02
<i>Yemen</i>		
Yemen Mobile Phone Company	421	01
Spacotel Yemen	421	02
<i>Zambia</i>		
Celtel Zambia Ltd.	645	01
Telecel Zambia Ltd.	645	02
Zamtel	645	03
<i>Zimbabwe</i>		
Net One	648	01
Telecel	648	03
Econet	648	04

* 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 assignment or withdrawal of Mobile Network Code (MNC) for the
international identification plan for mobile terminals and mobile users
(According to ITU-T Recommendation E.212)**

This form should be used to notify the Director of the TSB of MNC that have been assigned or withdrawn by a Member State since the last notification.

Country/Area: _____

Member State Organisation: _____

Member State contact-person: Name: _____

Address: _____

Tel: _____ Fax: _____

E-mail: _____

<i>MCC + MNC</i>	<i>Name of Network/ operator</i>

MCC Mobile Country Code
MNC Mobile Network Code

Amendments

Amendment No.	Operational Bulletin No.	Country/area
1		
2		
3		
4		
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