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7.II.2008
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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 February 2008)

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.

- 901 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 February 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)
- 892 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (02/2005)) (Position on 15 September 2007)
- 889 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (02/2005)) (Position on 1 August 2007)
- 887 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 July 2007)
- 883 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 May 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)
- 881 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 1 April 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)
- 873 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (02/2005)) (Position on 1 December 2006)
- 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 (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 of ITU-T Recommendations

By AAP-74, 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.8021/Y.1341 (22/12/2007): Characteristics of Ethernet transport network equipment functional blocks
- ITU-T Recommendation L.36 (8/01/2008): Single mode fibre optic connectors
- ITU-T Recommendation L.59 (8/01/2008): Optical fibre cables for indoor applications
- ITU-T Recommendation L.71 (8/01/2008): Design, construction and installation of copper networks for broadband access including copper networks connected to optical fibre networks
- ITU-T Recommendation L.72 (8/01/2008): Databases for optical access network infrastructure
- ITU-T Recommendation X.1125 (13/01/2008): Correlative reacting system in mobile data communication

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

Note from TSB

At the request of the Administrations of Spain, the United States, Poland and Singapore, 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>
Spain	7-236
United States of America	3-202
Poland (Republic of)	6-236
Singapore (Republic of)	5-045

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

Legal time changes

Canada

Communication of 16.I.2008:

Date and hour of change	Country or area	+ = Advanced by - - minutes - = Retarded by - - minutes	Legal time will be
9.III.2008 0700 UTC – 2.XI.2008 0600 UTC	Canada / Canadá		
"	– Alberta	+ 60	UTC –6
"	– British Columbia	+ 60	UTC –7
"	– Manitoba	+ 60	UTC –5
"	– New Brunswick	+ 60	UTC –3
"	– Newfoundland	+ 60	Time difference varies
"	– Northwest Territories	+ 60	Time difference varies
"	– Nova Scotia	+ 60	UTC –3
"	– Ontario	+ 60	UTC –4
"	– Prince Edward Island	+ 60	UTC –3
"	– Quebec	+ 60	UTC –4
"	– Yukon	+ 60	Time difference varies
	Inchangé / <i>no change</i> / sin cambio:		
	– Saskatchewan	–	UTC –6

Lebanon

Communication of 21.I.2008:

Legal time in Lebanon will be advanced by 60 minutes from 29 March 2008 at 2200 hours UTC to 25 October 2008 at 2200 hours UTC and thereby will correspond to UTC +3.

Portugal

Communication of 23.I.2008:

Legal time in Portugal will be advanced by 60 minutes from 30 March 2008 at 0100 hours UTC to 26 October 2008 at 0100 hours UTC and thereby will correspond to UTC +1.

Czech Republic

Communication of 21.I.2008:

Legal time in the Czech Republic will be advanced by 60 minutes from 30 March 2008 at 0100 hours UTC to 26 October 2008 at 0100 hours UTC and thereby will correspond to UTC +2.

Saint Pierre and Miquelon

Communication of 22.I.2008:

Legal time in Saint Pierre and Miquelon will be advanced by 60 minutes from 9 March 2008 at 0500 hours UTC to 2 November 2008 at 0500 hours UTC and thereby will correspond to UTC +1.

Uruguay

Communication of 18.I.2008:

Legal time in Uruguay will be retarded by 60 minutes from 9 March 2008 at 0400 hours UTC to 5 October 2008 at 0500 hours UTC and thereby will correspond to UTC –3.

Telephone Service

Denmark (country code +45)

Communication of 21.XII.2007:

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

- *Assignment – eight-digit mobile number range*

<i>Provider</i>	<i>Number series</i>	<i>Activation date</i>
Lebara Mobile Danmark	5038XXXX, 5039XXXX, 5222XXXX, 5260XXXX, 5270XXXX, 5280XXXX, 5290XXXX, 5333XXXX	1 January 2008

- *Assignment – carrier select code*

<i>Provider</i>	<i>Carrier Select Code</i>	<i>Activation date</i>
DanDial Networks A/S	1034	1 January 2008

Contact:

IT- and Mobile Division
National IT and Telecom Agency (NITA)
Holsteinsgade 63
2100 COPENHAGEN
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Tel: +45 3545 0000
Fax: +45 3545 0010
E-mail: itst@itst.dk

Dominican Rep. (country codes +1 809 / +1 829)

Communication of 11.I.2008:

The *Instituto Dominicano de las Telecomunicaciones (INDOTEL)*, Santo Domingo, announces the introduction of a new resource for the mobile telephone network of "Orange Dominicana" in the Dominican Republic.

Table 9.2/E.129

Description of the introduction of a new resource for the National Numbering Plan (NNP) for country code 1

(1)	(2)		(3)	(5)
<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>Date and time of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
829 261 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 262 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 263 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 273 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 274 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 275 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 276 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 278 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 279 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 281 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 284 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 285 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 286 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 630 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 640 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 650 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 662 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 664 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 669 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 702 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 747 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 757 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 830 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 838 XXXX	10	10	Orange Dominicana mobile	25.I.2008
829 870 XXXX	10	10	Orange Dominicana mobile	25.I.2008

The following numbers have been configured for test purposes:

<i>Number</i>	<i>Response</i>
+1 829 261 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 262 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 263 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 273 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 274 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 275 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 276 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 278 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 279 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 281 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 284 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 285 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 286 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 630 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 640 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 650 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 662 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 664 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 669 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 702 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 747 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 757 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 830 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 838 0099	Announcement "You are connected with the Orange Radio Communication Center"
+1 829 870 0099	Announcement "You are connected with the Orange Radio Communication Center"

All administrations and Recognized Operating Agencies (ROAs) are requested to programme their switches to enable immediate access to these number series.

Contact:

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Presidente
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Fax: +1 809 732 3877
E-mail: indotel@indotel.org.do

United Arab Emirates (country code +971)

Communication of 2.I.2008:

The *Telecommunications Regulatory Authority (TRA)*, Abu Dhabi, announces the following information concerning number series allocated to Emirates Integrated Telecommunications Company PJSC 'du':

<i>Service</i>	<i>Operator</i>	<i>Number series</i>	<i>Date of introduction</i>
Fixed	du	+971 2 234 XXXX +971 3 736 XXXX +971 4 360 XXXX +971 4 361 XXXX +971 4 362 XXXX +971 4 363 XXXX +971 4 364 XXXX +971 4 365 XXXX +971 4 366 XXXX +971 4 367 XXXX +971 4 368 XXXX +971 4 369 XXXX +971 4 374 XXXX +971 4 375 XXXX +971 4 390 XXXX +971 4 391 XXXX +971 4 420 XXXX +971 4 421 XXXX +971 4 422 XXXX +971 4 423 XXXX +971 4 424 XXXX +971 4 425 XXXX +971 4 426 XXXX +971 4 427 XXXX +971 4 428 XXXX +971 4 429 XXXX +971 4 567 XXXX +971 6 678 XXXX +971 7 277 XXXX +971 9 290 XXXX	Activated
Mobile	du	+971 55 XXX XXXX	Activated

Contact:

Mr Naim Hamdan
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Telecommunications Regulatory Authority (TRA)
General Authority for Regulating the Telecommunications Sector
P.O. Box 26662
ABU DHABI
United Arab Emirates
Tel: +971 2 621 2222
Fax: +971 2 621 2227
E-mail: num.mgmt@tra.ae

Rwanda (country code +250)

Communication of 9.I.2008:

The *Agence Rwandaise de Régulation des Services d'Utilité Publique*, Kigali, announces the current National Numbering Plan (NNP) of Rwanda. A new numbering plan is under preparation and will be communicated as soon as it is available.

Country code	+250
International prefix	00

Overview:

Minimum number length (excluding the country code): six (6) digits

Maximum number length (excluding the country code): eight (8) digits

Details of numbering scheme:

(1)	(2)		(3)	(4)	(5)
<i>N(S)N (National Significant Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Operator</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>			
5YXXXX 5YZXXX or 5YZXXXX	8 digits	6 digits	Geographic number for fixed telephony services	Rwandatel	Digit "5" identifies the Rwandatel company; Y and Z identify the regional base used in giving telephone numbers. Y, Z and X form the Subscriber Number (SN).
05XXXXXX	8 digits	8 digits	Non-geographic number for digital mobile telephony services (e.g. CDMA)	Rwandatel	"05" digits identify the Rwandatel company and then X forms the Subscriber Number (SN).
06YZXXXX	8 digits	8 digits	Geographic number for fixed telephony services	Artel	"06" digits identify the Artel company; Y and Z identify the regional base used in giving telephone numbers. Y, Z and X form the Subscriber Number (SN).
08XXXXXX	8 digits	8 digits	Non-geographic number for digital mobile telephony services (e.g. GSM)	MTN Rwanda cell	"08" digits identify the MTN Rwanda cell and then X forms the Subscriber Number (SN).
03XXXXXX	8 digits	8 digits	Non-geographic number for digital mobile telephony services (e.g. GSM)	MTN Rwanda cell	"03" digits identify the MTN Rwanda cell and then X identifies the Subscriber Number (SN).

Contact:

Le Directeur Général
Agence Rwandaise de Régulation des Services d'Utilité Publique
B.P. 7289
KIGALI
Rwanda
Tel: +250 584 562
Fax: +250 584 563
E-mail: arms@rwanda1.com
URL: www.rura.gov.rw

Suriname (country code +597)

Communication of 14.I.2008:

Telecommunications Authority Suriname (TAS), Paramaribo, announces that the following mobile number series has been assigned to "Digicel Suriname N.V." on 12 December 2007:

(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		
82 XXXXX	7	7	Non-geographic number, Mobile (GSM) telephony services	Digicel Suriname N.V.

Contact:

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Telecommunications Authority Suriname (TAS)
Dr J.F. Nassylaan 23
P.O. Box 3013
PARAMARIBO
Suriname
Tel: +597 421 464
Fax: +597 421 465
E-mail: tasur@sr.net
URL: www.tas.sr

Changes in the administrations/ROAs and other entities or organizations

<http://www.itu.int/ITU-T/inr/roa/index.html>

Brazil

Communication of 24.I.2008:

Change in address

Empresa Brasileira de Telecomunicações S.A. (EMBRATEL), Rio de Janeiro, announces that its address has changed. It is now the following:

Empresa Brasileira de Telecomunicações S.A. (EMBRATEL)
Avenida Presidente Vargas, 1012
13º Andar – P III
20071-910 RIO DE JANEIRO, RJ
Brazil
Tel: +55 21 2121 8403
Fax: +55 21 2121 6597
E-mail: carlamc@embratel.com.br
URL: www.embratel.net.br

Kuwait

Communication of 15.I.2008:

Change in name

Mobile Telecommunications Co. (K.S.C.), Safat, announces that it has changed its name. It is now called "Zain". This is not a new entity, but the existing entity which has been re-named.

For further information, please contact:

Zain
Airport Road, Shuwaikh
P.O. Box 22244
13083 SAFAT
Kuwait
Tel: +965 484 2000 (ext. 1101)
Fax: +965 483 7755
URL: www.mtc-vodafone.com

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	892 (p.19), 897 (p.11)
Australia	726 (p.13, p.31)	Netherlands Antilles	770 (p.9), 786 (p.7)
Austria	682 (p.5)	New Caledonia	896 (p.18)
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)	Russian Federation	635 (p.4)
Colombia	835 (p.8)	Saint Lucia	853 (p.12)
Cyprus	784 (p.3), 802 (p.5), 825 (p.15), 828 (p.36), 871 (p.5), 889 (p.6)	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	877 (p.16)
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	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)
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, WTS-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 Coast Stations (List IV) 20th Edition and Supplements Nos. 1, 2 and 3

(Amendment No. 10)

F France

P 806 AUSSAGUEL, **COL** 7, **LIR**

Inmarsat-B/C/M/Phone/M4/Fleet 77/55/33/128/BGAN Aero

1 2 3 4 5 6 7

TF +33 561 288888
TLX 531265 (AUCECS)
FAX +33 561 085621

PLOMEUR-BODOU, **COL** 2-7, **SUP**

P 827-832 **REP** notes **1-9** by the following

- Coast earth station operated by VIZADA as part of the Inmarsat system providing Inmarsat-B/C/M/Aero services covering the Atlantic Ocean East Region and the Indian Ocean Region.
- Accounting authority: VIZADA, 16 boulevard du Mont d'Est, 93160 Noisy le Grand (France).
- Inmarsat-B
Charges applicable in the maritime mobile-satellite service (via AUSSAGUEL coast earth station).
A. Telephone, facsimile and data transmission (minimum 1 second)
 - Mobile-to-shore:

Destinations <i>Destinations</i> Destinos	DTS/min. / <i>SDR/min.</i> / DEG/min.	
	Taxe complète / <i>Full rate</i> / Tasa completa (AORE, AORW, IOR: 0531–1930 h UTC) (POR: 2001–1000 h UTC)	Taxe réduite / <i>Reduced rate</i> / Tasa reducida (AORE, AORW, IOR: 1931–0530 h UTC) (POR: 1001–2000 h UTC)
F, MCO	3.37	2.30
GDL, GUF, MRT, REU	3.37	2.30
ADL, AMS, CRO, KER, NCL, OCE, WAL.....	3.37	2.30
Zone/Zona A **	3.37	2.30
Zone/Zona B **	3.37	2.30
Zone/Zona C **	3.37	2.30
Zone/Zona D **	3.37	2.30

- Shore-to-mobile *

B. Telex (minimum 6 seconds)

1. Mobile-to-shore:

Destinations / <i>Destinations</i> / Destinos	DTS/min. SDR/min. DEG/min.
F, MCO	2.97
GDL, GUF, MRT, REU	3.90
ADL, AMS, CRO, KER, NCL, OCE, WAL.....	3.55
Zone/Zona 1 **	3.55
Zone/Zona 2 **	3.55
Zone/Zona 3 **	4.32
Zone/Zona 4 **	4.32
Zone/Zona 5 **	4.32

C. Subscription

1. Registration charge *

2. Two-monthly charge for access to network *

* See note 6.

** See note 7.

4 Inmarsat-C

Charges applicable in the maritime mobile-satellite service (via AUSSAGUEL coast earth station).

A. Telex, facsimile and data transmission (minimum 1 second)

1. Mobile-to-shore:

Destinations / <i>Destinations</i> / Destinos	DTS/256 bits / SDR/256 bits / DEG/256 bits	
	Premier message <i>First message</i> Primer mensaje	Message suivant *** <i>Following message</i> *** Mensaje siguiente ***
F, MCO	0.19	0.065
GDL, GUF, MRT, REU	0.19	0.065
ADL, AMS, CRO, KER, NCL, OCE, WAL	0.19	0.065
Zone/Zona 1 **	0.19	0.065
Zone/Zona 2 **	0.19	0.065
Zone/Zona 3 **	0.21	0.065
Zone/Zona 4 **	0.21	0.065
Zone/Zona 5 **	0.21	0.065

2. Shore-to-mobile

a) For telex subscribers *

b) For registered users (Minitel, telephone network, X25 or telex) *

B. Subscription

1. Registration charge *

2. Two-monthly charge for access to network *

* See note 6.

** See note 7.

*** Charge per message in a multiple address operation; the first message is charged as a normal message.

5 Inmarsat-M

Charges applicable in the maritime mobile-satellite service (via AUSSAGUEL coast earth station).

A. Telephone, facsimile and data transmission (minimum 1 second)

1. Mobile-to-shore:

Destinations / <i>Destinations</i> / Destinos	DTS/min. SDR/min. DEG/min.
F, MCO	3.73
GDL, GUF, MRT, REU	3.73
ADL, AMS, CRO, KER, NCL, OCE, WAL.....	3.73
Zone/Zona A **	3.73
Zone/Zona B **	3.73
Zone/Zona C **	3.73
Zone/Zona D **	3.73

2. Shore-to-mobile *

B. Subscription

1. Registration charge *

2. Two-monthly charge for access to network *

* See note 6.

** See note 7.

6 Additional information can be obtained by dialling the freephone service (international: +33 56 22 32 31) offered by the commercial service of VIZADA.

Inmarsat mobiles benefit from a free of charge commercial assistance service by dialling the two-digit code 68.

7 Composition of destination zones for communications via a station of Metropolitan France.

A. Telex

Bande tarifaire <i>Charge band</i> Banda de tasas	Zones de destination <i>Destination zones</i> Zonas de destino
1	ALB, ALG, AND, ARM, AUT, AZE, AZR, BEL, BIH, BLR, BUL, CVA, CYP, CZE, D, DNK, E, EST, FIN, FRO, G, GEO, GIB, GRC, GRL, HNG, HOL, HRV, I, IRL, ISL, KAZ, KGZ, LBY, LIE, LTU, LUX, LVA, MDR, MKD, MNE, MRC, NOR, POL, POR, ROU, RUS, S, SMR, SRB, SVK, SVN, SUI, Tatarstan, TJK, TKM, TUN, TUR, UKR, UZB
2	CAN, USA
3	ALS, AUS, BEN, BFA, CAF, CME, COD, COG, COM, CTI, DJI, GAB, GNE, GUI, ISR, JOR, LBN, MDG, MLI, MTN, NGR, RRW, SEN, SYR, TCH, TGO, VUT
4	AFS, B, CLM, HKG, IND, J, NZL, SNG, Taïwan (province de Chine) / <i>Taiwan (Province of China)</i> / Taiwán (Provincia de China), VEN
5	ABW, AGL, AIA, ARG, ARS, ASC, ATG, ATN, BAH, BDI, BER, BGD, BHR, BLZ, BOL, BOT, BRB, BRM, BRU, BTN, CBG, CHL, CHN, CHR, CKH, CLN, CPV, CTR, CUB, CYM, DMA, DOM, EGY, EQA, ERI, ETH, FJI, FLK, GHA, GMB, GNB, GRD, GTM, GUY, HND, HTI, HWA, INS, IRN, IRQ, JMC, KEN, KIR, KNA, KOR, KRE, KWT, LAO, LBR, LCA, LSO, MAC, MAU, MDA, MEX, MLA, MLD, MNG, MOZ, MSR, MWI, NCG, NFK, NIG, NMB, NPL, NRU, OMA, PAK, PHL, PLW, PNG, PNR, PRG, PRU, PTR, QAT, Saipan (Iles/Islands/Islas), SDN, SEY, SHN, SLM, SLV, SMA, SMO, SOM, SRL, STP, SUR, SWZ, TCA, THA, TON, TRD, TUV, TZA, UAE, UGA, URG, VCT, VIR, VRG, VTN, YEM, ZMB, ZWE

B. Telephone, facsimile and data transmission

Bande tarifaire Charge band Banda de tasas	Zones de destination Destination zones Zonas de destino
A	AND, AZR, BEL, CVA, D, DNK, E, FRO, G, GRC, HOL, I, IRL, LIE, LUX, MDR, POR, SMR, SUI
B	ALB, ALG, AUT, BIH, BUL, CAN, CYP, CZE, FIN, GEO, GIB, GRL, HNG, HRV, ISL, KGZ, LBY, MKD, MNE, MRC, NOR, POL, ROU, RUS, S, SRB, SVK, SVN, TJK, TKM, TUN, TUR, USA
C	AZE, BLR, EST, LTU, LVA, MDA, Tatarstan, UKR
D	ABW, AFS, AGL, AIA, ALS, ARG, ARM, ARS, ASC, ATG, ATN, AUS, B, BAH, BDI, BEN, BER, BFA, BGD, BHR, BLZ, BOL, BOT, BRB, BRM, BRU, BTN, CAF, CBG, CHL, CHN, CHR, CKH, CLM, CLN, CME, COD, COG, COM, CPV, CTI, CTR, CUB, CYM, DJI, DMA, DOM, EGY, EQA, ERI, ETH, FJI, FLK, GAB, GHA, GMB, GNB, GNE, GRD, GTM, GUI, GUY, HKG, HND, HTI, HWA, IND, INS, IRN, IRQ, ISR, J, JMC, JOR, KAZ, KEN, KIR, KNA, KOR, KRE, KWT, LAO, LBN, LBR, LCA, LSO, MAC, MAU, MDG, MEX, MLA, MLD, MLI, MNG, MOZ, MSR, MTN, MWI, NCG, NFK, NGR, NIG, NMB, NPL, NRU, NZL, OMA, PAK, PHL, PLW, PNG, PNR, PRG, PRU, PTR, QAT, RRW, Saipan (Iles/Islands/Islas), SDN, SEN, SEY, SHN, SLM, SLV, SMA, SMO, SNG, SOM, SRL, STP, SUR, SWZ, SYR, Taiwan (province de Chine) / Taiwan (Province of China) / Taiwán (Provincia de China), TCA, TCD, TGO, THA, TON, TRD, TUV, TZA, UAE, UGA, URG, UZB, VCT, VEN, VIR, VRG, VTN, VUT, YEM, ZMB, ZWE

GRC Greece

P 806 THERMOPYLAE,

COL 4, LIR IOR AORE

COL 7, LIR Inmarsat-B/C/M/M4/Mini-M/Fleet77/55/33
1 2 3 4 5

P 834-838 Notes **1, 2, 3, 4, 5, LIR**

1 Coast earth station operated by the Hellenic Telecommunications Organization as part of the Inmarsat-B, C, M, Mini-M, M4 and Fleet 77/55/33 systems covering the Indian Ocean Region and the Atlantic Ocean-East Region.

2 Accounting authority: Satellite and Maritime Telecommunications S.A. (Otesat-Maritel), 8 Aegaleo Str., GR 185-45 Piraeus (Greece).

3 Inmarsat-B, M, Mini-M, M4, Fleet 77/55/33.

Charges applicable in the maritime mobile-satellite service via THERMOPYLAE coast earth station.

I. Radiotelephone

– Automatic operation (minimum 6 seconds)

– Operator assisted operation (minimum 1 min.)

Station Station Estación	DTS/min. / SDR/min. / DEG/min.	
	Heures de pointe Peak hours Horas punta	Heures creuses Off-peak hours Fuera horas punta
		Inmarsat-B, Mini-M, Fleet 77/55/33 AORE: 2200–0600 h UTC AORW: 2300–0700 h UTC IOR: 1900–0300 h UTC POR: 1900–0300 h UTC
Inmarsat-B	1.52	1.077
Inmarsat-M	1.52	1.52
Inmarsat-M4	1.077	1.077
Inmarsat-Mini-M	1.14	1.14
Inmarsat-Fleet 77/55/33	1.077	1.077

II. Radiotelex

- Automatic operation (minimum 6 seconds)
- Operator assisted operation (minimum 1 min.)

Inmarsat-B

Any destination: 1.267 SDR/min.

III. Radiotelegrams (minimum 7 words)

(No information)

IV. Facsimile and data transmission

Automatic operation (minimum 6 seconds)

Station <i>Station</i> Estación	DTS/min. / SDR/min. / DEG/min.
	Toute destination <i>Any destination</i> Todo destino
Inmarsat-B	1.52
Inmarsat-M	1.52
Inmarsat-M4	1.077
Inmarsat-Mini-M	1.14
Inmarsat-Fleet 77/55/33	1.077

V. Mobile-to-mobile communications

1. Telephone

Any mobile from any ocean region to any mobile

Station <i>Station</i> Estación	DTS/min. / SDR/min. / DEG/min.	
	Heures de pointe <i>Peak hours</i> Horas punta	Heures creuses <i>Off-peak hours</i> Fuera horas punta
		Inmarsat-B, Mini-M, Fleet 77/55/33 AORE: 2200–0600 h UTC AORW: 2300–0700 h UTC IOR: 1900–0300 h UTC POR: 1900–0300 h UTC
Inmarsat-B	3.801	3.168
Inmarsat-M	3.801	3.801
Inmarsat-M4	3.168	3.168
Inmarsat-Mini-M	3.168	3.168
Inmarsat-Fleet 77/55/33	3.168	3.168

2. Telex

Inmarsat-B

Any destination: 3.041 SDR/256 bits.

3. Message

Inmarsat-C in all ocean regions to Inmarsat-C: 0.222 SDR/256 bits.

4 Inmarsat-C

Charges applicable in the maritime mobile-satellite service via THERMOPYLAE coast earth station.

1. Message (ship-to-shore)
 - Band 1 *: 0.089 SDR/256 bits.
 - Band 2 *: 0.108 SDR/256 bits.
 - Rest of the world: 0.127 SDR/256 bits.
2. Message to multiple addresses
 - a) First address:
 - Band 1 *: 0.089 SDR/256 bits.
 - Band 2 *: 0.108 SDR/256 bits.
 - Rest of the world: 0.127 SDR/256 bits.
 - b) Each subsequent addressee:
 - Band 1 *: 0.038 SDR/256 bits.
 - Band 2 *: 0.051 SDR/256 bits.
 - Rest of the world: 0.063 SDR/256 bits.
3. Status enquiry: 0.108 SDR/256 bits.
4. Positive delivery notification: 0.057 SDR/packet.

* See note 5.

5 Charge band details:

Bande tarifaire <i>Charge band</i> Banda de tasas	Zones de destination <i>Destination zones</i> Zonas de destino
1	ALB, ALG, ALS, AND, AUS, AUT, AZR, BEL, BIH, BLR, BUL, CAN, CHR, CVA, CYP, CZE, D, DNK, E, EST, Ex-Yougoslavie / Former Yugoslavia / Ex Yugoslavia, F, FIN, FRO, G, GEO, GIB, GRC, HKG, HNG, HOL, HRV, I, IRL, J, KOR, LBY, LIE, LTU, LUX, LVA, MCO, MDA, MDR, MKD, MLT, MRC, NOR, PHL, POL, POR, PTR, ROU, RUS, S, SMR, SNG, SUI, SVK, SVN, TUN, TUR, UKR, USA, VIR
2	AFS, ARG, ARS, AZE, B, BER, BGD, BHR, CHL, CLM, CME, CTI, EGY, GAB, GTM, IND, ISL, ISR, JOR, KAZ, KWT, LBN, LSO, MAC, MEX, MLA, MRT, MWI, NMB, NZL, OMA, PAK, PNR, PRG, PSE, QAT, SDN, SYR, Taiwan (Province de Chine / <i>Taiwan (Province of China)</i> / Taiwán (Provincia de China), TZA, UAE, UGA, URG, VEN, YEM, ZWE

**List of Issuer Identifier Numbers for
the international telecommunication charge card
(In accordance with ITU-T Recommendation E.118)
(Position on 1 May 2007)**

(Annex to ITU Operational Bulletin No. 883 – 1.V.2007)

(Amendment No. 18)

P 4 Albania 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>
Albania	Eagle Mobile Sh.a Deshmoret E 4 Shkurtit Street TIRANA	89 355 03	Mr Durmus Ali Taskin Deshmoret E 4 Shkurtit Street TIRANA Tel: +355 4 274 769 Fax: +355 4 229 436 E-mail: ali.taskin@eaglemobile.al	

**Access codes/numbers for mobile networks
(According to ITU-T Recommendation E.164)
(Position on 1 December 2006)**

(Annex to ITU Operational Bulletin No. 873 – 1.XII.2006)

(Amendment No. 24)

<i>Country/geographical area</i>	<i>E.164 Country Code</i>	<i>Mobile telephone numbers, first digits after country code</i>

P 4 South Africa (Republic of) LIR

South Africa (Republic of)	27	72 – 74, 76, 78, 82 – 84
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**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
Lettonie / LVA Latvia / LVA Letonia / LVA ADD		
Sotus Communications SIA Salamandras Street 1 RIGA LV 1024	SOTUS	Vladimir Skudnov Tel: +371 2207 0000 Fax: +371 6752 6591 E-mail: sotus@sotus.net

**List of Signalling Area/Network Codes (SANC)
(Complement to ITU-T Recommendation Q.708 (03/99))
(Position on 1 April 2007)**

(Annex to ITU Operational Bulletin No. 881 – 1.IV.2007)

(Amendment No. 19)

Numerical order ADD

P	9	3-202	United States of America
P	12	5-045	Singapore (Republic of)
P	14	6-236	Poland (Republic of)
P	16	7-236	Spain

Alphabetical order ADD

P	27	7-236	Spain
P	30	3-202	United States of America
P	25	6-236	Poland (Republic of)
P	26	5-045	Singapore (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 July 2007)**

(Annex to ITU Operational Bulletin No. 887 – 1.VII.2007)

(Amendment No. 14)

Country/ Geographical area ISPC/DEC	Unique name of the signalling point		Name of the signalling point operator
P 13 Cameroon ADD			
	6-049-1	12681 Douala	Orange Cameroun
	6-049-2	12682 Yaoundé	Orange Cameroun
P 71 Spain ADD			
	3-242-4	8084 Lleida	Lleida Networks Serveis Tel, S.L.
	3-242-5	8085 Madrid	Sabal Telec Integra, S.L.
	3-242-6	8086 Madrid POP	Equant Spain, S.A.
	3-242-7	8087 Las Rozas (Madrid)	11811 Nueva Información Tel., S.A.U.
	6-244-5	14245 Madrid	Xtra Telecom, S.A.
	6-244-7	14247 Barcelona	Xtra Telecom, S.A.
	7-241-0	16264 G-MSC	E-Plus Móviles Virtuales España S.L.U.

P 97 United States ADD

3-201-0	7752	Oak Hill, VA	France Telecom long Distance USA, LLC
3-201-2	7754	Tampa, FL	Syniverse Technologies, Inc.
3-201-3	7755	Tampa, FL	Syniverse Technologies, Inc.

P 33 ADD Equatorial Guinea

6-054-0	12720	PS international Bata	Orange (GETESA)
6-054-1	12721	PS international Malabo	Orange (GETESA)
6-054-2	12722	Lien roaming	Orange (GETESA)
6-054-3	12723	Lien SS7 VOIP	Orange (GETESA)

P 35 Hungary REP all information by:

2-032-0	4352	Budapest BP0	Magyar Telekom Plc.
2-032-1	4353	Budapest BP1	Magyar Telekom Plc.
2-032-2	4354	Budapest BP2	Magyar Telekom Plc.
2-032-3	4355	BP MSTP1	Magyar Telekom Plc.
2-032-4	4356	BP MSTP2	Magyar Telekom Plc.
2-032-5	4357	VTH-DUN-TE	Invitel Ltd
2-032-6	4358	BudapestPTL01	Invitel Ltd
2-032-7	4359	BTH01	BT Limited Hungarian Branch Office
2-212-0	5792	Budaörs DN01	GTS Datanet Telecommunications Ltd
2-212-1	5793	Budapest Tele2	Invitel Telecom Ltd
2-212-2	5794	INV-DUN-LE	Invitel Ltd
2-212-3	5795	W-INT-GW1	Magyar Telekom Plc.
2-212-4	5796	W-INT-GW2	Magyar Telekom Plc.
2-212-5	5797	Budapest PTL02	Invitel Ltd
2-212-6	5798	Pannon INT 1	Pannon GSM
2-212-7	5799	CallGate01	CallGate Telekomunikációs Kft.
4-243-0	10136	VFN-INT-ITP1	Vodafone Hungary Ltd
4-243-1	10137	VFN-INT-ITP4	Vodafone Hungary Ltd
6-251-0	14296	Budapest – EMKTV-01	DIGI Telecommunication Ltd
6-251-1	14297	Budaors DN02	GTS Datanet Telecommunications Ltd
6-251-2	14298	VHF-INT-GW1	Vodafone Hungary Ltd
6-251-3	14299	VHF-INT-GW4	Vodafone Hungary Ltd
6-251-4	14300	Budapest PTLSz03	Invitel Ltd
6-251-5	14301	Actel Budapest 1	Actel Telecommunication Ltd
6-251-6	14302	INV-SZM-TP	Invitel Ltd
6-251-7	14303	TRIOTEL-I1	Triotel Telecommunications Ltd

P 61 Poland ADD

2-120-7	5063	Warszawa	NORDISK Polska Sp. Z o.o.
3-251-1	8153	Warszawa	PT Novum Sp. z o.o.

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

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

**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 FEBRUARY 2008)

Geneva, 2008

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) is published as annex to ITU Operational Bulletin No. 901 of 1.II.2008. 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 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
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 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>		
Bhutan Telecom Ltd	402	11
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

**Country or Geographical Area
Networks**

MCC + MNC codes*

Brazil

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
Telebrasilgia 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

British Virgin Islands

Caribbean Cellular Telephone, Boatphone Ltd.	348	570
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Brunei Darussalam

DST Com	528	11
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Bulgaria

M-Tel GSM BG	284	01
Globul	284	05

Burkina Faso

Celtel	613	02
Telecel	613	03

Burundi

Spacetel Burundi	642	01
Safaris	642	02
Telecel Burundi Company	642	03

Country or Geographical Area Networks	MCC + MNC codes*	
<i>Cambodia</i>		
Mobitel (Cam GSM)	456	01
Samart (Casacom)	456	02
S Telecom (CDMA) (reserved)	456	03
Camshin (Shinawatra)	456	18
<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
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 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
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

Country or Geographical Area Networks	MCC + MNC codes*	
Colombia Móvil S.A.	732	111
Teléfono 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
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

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

Country or Geographical Area Networks	MCC + MNC codes*	
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
<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>		
Gibtelecom GSM	266	01
Cloud9 Mobile Communications	266	09
<i>Greece</i>		
Cosmote	202	01
Vodafone - Panafon	202	05
Info Quest S.A.	202	09
Telestet	202	10

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

**Country or Geographical Area
Networks**

MCC + MNC codes*

Iceland

Iceland Telecom Ltd.	274	01
Tal hf	274	02
Islandssimi GSM ehf	274	03
IMC Islande ehf	274	04
IceCell ehf	274	07

India

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
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

Country or Geographical Area Networks	MCC + MNC codes*	
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
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
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 (On Air)	901	15
Jasper Systems, Inc.	901	16
Jersey Telecom	901	17
Cingular Wireless	901	18
Vodafone Malta	901	19
Intermatica	901	20

Country or Geographical Area Networks	MCC + MNC codes*	
Seanet Maritime Communications	901	21
Denver Consultants Ltd	901	22
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 Celcom	432	19
<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
<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
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

Country or Geographical Area Networks	MCC + MNC codes*	
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
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

Country or Geographical Area Networks	MCC + MNC codes*	
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>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

Country or Geographical Area Networks	MCC + MNC codes*	
<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
<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
MITV Corporation Sdn. Bhd.	502	18
CelCom	502	19

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

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

Country or Geographical Area Networks	MCC + MNC codes*	
<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
TMN - Telecomunicações Movéis Nacionais, S.A.	268	06
<i>Qatar</i>		
QATARNET	427	01
<i>Romania</i>		
Vodafone Romania SA	226	01
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

Country or Geographical Area Networks	MCC + MNC codes*	
<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
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
T-2 d.o.o.	293	64
Tusmobil d.o.o.	293	70
<i>Somalia</i>		
Golis Telecommunications Company	637	30

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

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

Spain

Vodafone	214	01
Amena	214	03
Xfera	214	04
Movistar	214	07

Sri Lanka

MTN Network Ltd.	413	02
Celtel Lanka Ltd.	413	03

Sudan

SD Mobitel	634	01
Areeba-Sudan	634	02

Suriname

Telesur	746	02
Digicel	746	03
Intelsur	746	04

Swaziland

Swazi MTN	653	10
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Sweden

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
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
Wireless Maingate Message Services AB	240	20
Banverket	240	21

**Country or Geographical Area
Networks**

MCC + MNC codes*

Switzerland

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

Syrian Arab Republic

Syriatel	417	01
Spacotel Syria	417	02
Syrian Telecom	417	09

Tajikistan

JC Somoncom	436	01
CJSC Indigo Tajikistan	436	02
TT mobile	436	03
Josa Babilon-T	436	04
CTJTHSC Tajik-tel	436	05

Tanzania

MIC (T) Ltd.	640	02
Zantel	640	03
Vodacom (T) Ltd.	640	04
Celtel (T) Ltd.	640	05

Thailand

CAT CDMA	520	00
AIS GSM	520	01
ACT Mobile	520	15

The Former Yugoslav Republic of Macedonia

T-Mobile	294	01
Cosmofon	294	02
Nov Operator	294	03

Togo

Togo Telecom	615	01
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Tonga

Tonga Communications Corporation	539	01
Shoreline Communication	539	43

Trinidad and Tobago

TSTT Mobile	374	12
Digicel Trinidad and Tobago Ltd.	374	130
LaqTel Ltd.	374	140

Tunisia

Tunisie Telecom	605	02
Orascom Telecom	605	03

Turkey

Turkcell	286	01
Telsim GSM	286	02
Aria	286	03
Aycell	286	04

Country or Geographical Area Networks	MCC + MNC codes*	
<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>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
<i>United Arab Emirates</i>		
Etisalat	424	02
<i>United Kingdom</i>		
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
Flexitel 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 Guernsey Ltd	234	55
Manx Telecom	234	58
Inquam Telecom (Holdings) Ltd.	234	75
British Telecom	234	76
Airwave mmO2 Ltd	234	78

**Country or Geographical Area
Networks**

MCC + MNC codes*

United States

MCI	310	010
Verizon Wireless	310	012
Mobile Tel Inc.	310	013
Cricket Communications	310	016
North Sight Communications Inc.	310	017
Union Telephone Company	310	020
Centennial Communications	310	030
Nevada Wireless LLC	310	034
MTA Communications dba MTA Wireless	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
Pacific Telecom Inc	310	110
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
Contennial Puerto Rio License Corp.	310	280
Nep Cellcorp Inc.	310	290
T-Mobile USA	310	310
Smith Bagley Inc, dba Cellular One	310	320
AN Subsidiary LLC	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 Acquisition LLC	310	390
Wave Runner LLC	310	400
Cingular Wireless	310	410
Cincinnati Bell Wireless LLC	310	420
Alaska Digitel LLC	310	430
Numerex Corp.	310	440
North East Cellular Inc.	310	450
TMP Corporation	310	460
Choice Phone LLC	310	480
SunCom Wireless	310	490
Public Service Cellular, Inc.	310	500
Airtel Wireless LLC	310	510
VeriSign	310	520
Oklahoma Western Telephone Company	310	540
Wireless Solutions International	310	550

Country or Geographical Area Networks	MCC + MNC codes*	
American Cellular Corporation	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
Airadigm Communications	310	640
Jasper Wireless Inc.	310	650
T-Mobile USA	310	660
AT&T Mobility Vanguard Services	310	670
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
East Kentucky Network LLC dba Appalachian Wireless	310	750
Panhandle Telecommunications Systems Inc.	310	760
Iowa Wireless Services LLC dba I Wireless	310	770
Connect Net Inc	310	780
PinPoint Communications Inc.	310	790
T-Mobile USA	310	800
Brazos Cellular Communications Ltd.	310	810
South Canaan Cellular Communications Co. LP	310	820
Caprock Cellular Ltd. Partnership	310	830
Edge Mobile LLC	310	840
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
Taylor Telecommunications Ltd.	310	900
Southern IL RSA Partnership dba First Cellular of Southern Illinois	310	910
Get Mobile	310	920
Copper Valley Wireless	310	930
Texas RSA 1 dba XIT Cellular	310	950
UBET Wireless	310	960
Globalstar USA	310	970
New Cingular Wireless PCS LLC	310	980
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
Thumb Cellular Limited Partnership	311	050
Space Data Corporation	311	060
Easterbrooke Cellular Corporation	311	070
Pine Telephone Company dba Pine Cellular	311	080
Siouxland PCS	311	090
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
Farmers Cellular Telephone	311	210
Cellular South Inc.	311	230

Country or Geographical Area Networks	MCC + MNC codes*	
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
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
Bag Tussel Wireless LLC	311	330
Illinois Valley Cellular	311	340
Torrestar Networks Inc	311	350
Stelera Wireless LLC	311	360
GCI Communications Corp.	311	370
GreenFly LLC	311	380
Midwest Wireless Holdings LLC	311	390
New Cingular Wireless 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
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-Lian Wireless	311	510
Crossroads Wireless Inc	311	520
Wireless Communications Venture	311	530
Keystone Wireless Inc	311	540

Country or Geographical Area Networks	MCC + MNC codes*	
Commnet Midwest LLC	311	550
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
<i>Vanuatu</i>		
SMILE	541	01
<i>Venezuela</i>		
Infonet	734	01
Corporación Digitel	734	02
Digicel	734	03
Telcel, C.A.	734	04
Telecomunicaciones Movilnet, C.A.	734	06
<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

Amendments

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