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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1026** | 15 IV 2013 | (Information received by 28 March 2013) | |
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| 1031 | 1.VII.2013 | 14.VI.2013 |
| 1032 | 15.VII.2013 | 1.VII.2013 |
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| 1041 | 1.XII.2013 | 18.XI.2013 |
| 1042 | 15.XII.2013 | 2.XII.2013 |

# 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.

1019 Mobile Network Code (MNC) for the international identification plan for public networks and subscriptions (According to ITU-T Recommendation E.212 (05/2008)) (Position on 1 January 2013)

1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)

1011 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 September 2012)

1004 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 15 May 2012)

1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)

1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)

1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)

999 Legal time 2012

994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)

991 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU‑T Recommendation E.164 (11/2010)) (Position on 1 November 2011)

991 Call-Back and alternative calling procedures (Res. 21.PP-2006)

983 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommen­dation Q.708 (03/99)) (Position on 1 July 2011)

981 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (07/2006) (Position on 1 June 2011)

980 List of Telegram Destination Indicators (In accordance with ITU-T Recommen­dation F.32 (10/1995)) (Position on 15 May 2011)

978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC)  (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)

977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommen­dation X.121 (10/2000)) (Position on 1 April 2011)

976 List of Data Country or Geographical Area Codes (Complement to ITU‑T Recommen­dation X.121 (10/2000)) (Position on 15 March 2011)

974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU‑T F.400 and X.400 series Recommendations) (Position on 15 February 2011)

972 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommen­dation E.218 (05/2004)) (Position on 15 January 2011)

968 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 15 november 2010)

955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 May 2010)

953 List of mobile country or geographical area codes (Complement to ITU‑T Recommendation E.212 (05/2008)) (Position on 1 April 2010).

669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

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

List of ITU Carrier Codes (ITU-T Rec. M.1400 (07/2006)) [www.itu.int/ITU-T/inr/icc/index.html](http://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](http://www.itu.int/ITU-T/inr/bureaufax/index.html)

List of recognized operating agencies (ROAs) [www.itu.int/ITU-T/inr/roa/index.html](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval of ITU-T Recommendations

By AAP-08, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

– Recommendation ITU-T F.747.3 (16/03/2013): Requirements and functional model for ubiquitous network robot platform to support USN applications and services

– Recommendation ITU-T G.718 (2008) Amd. 3 (16/03/2013): Variable bit rate embedded coding of speech signals: New Annex C with an alternative floating point implementation of the superwideband monaural extension

– Recommendation ITU-T G.729.1 (2006) Amd. 8 (16/03/2013): New Annex G with an alternative floating-point implementation of the superwideband monaural extension

– Recommendation ITU-T G.996.2 (2009) Amd. 3 (16/03/2013)

– Recommendation ITU-T G.998.4 (2010) Cor.5 (16/03/2013)

– Recommendation ITU-T G.9902 (2012) Amd. 1 (16/03/2013)

– Recommendation ITU-T H.225.0 (2009) Amd. 1 (16/03/2013): Use of FACILITY message to enable call transfer

– Recommendation ITU-T H.248.1 v4 (16/03/2013): Gateway control protocol: Version 3

– Recommendation ITU-T H.248.2 (16/03/2013): Gateway control protocol: Facsimile, text conversation and call discrimination packages

– Recommendation ITU-T H.248.3 (16/03/2013): Gateway control protocol: User interface elements and actions packages

– Recommendation ITU-T H.248.8 (16/03/2013): Gateway control protocol: Error code and service change reason description

– Recommendation ITU-T H.248.11 (16/03/2013): Gateway control protocol: Media gateway overload control package

– Recommendation ITU-T H.248.15 (16/03/2013): Gateway control protocol: SDP H.248 package attribute

– Recommendation ITU-T H.248.16 (16/03/2013): Gateway control protocol: Enhanced digit collection packages and procedures

– Recommendation ITU-T H.248.17 (16/03/2013): Gateway control protocol: Line test packages

– Recommendation ITU-T H.248.18 (16/03/2013): Gateway control protocol: Package for support of multiple profiles

– Recommendation ITU-T H.248.19 (16/03/2013): Gateway control protocol: Decomposed multipoint control unit, audio, video and data conferencing packages

– Recommendation ITU-T H.248.20 (16/03/2013): Gateway control protocol: The use of local and remote descriptors with H.221 and H.223 multiplexing

– Recommendation ITU-T H.248.22 (16/03/2013): Gateway control protocol: Shared Risk Group package

– Recommendation ITU-T H.248.23 (16/03/2013): Gateway control protocol: Enhanced Alerting packages

– Recommendation ITU-T H.248.25 (16/03/2013): Gateway control protocol: Basic CAS packages

– Recommendation ITU-T H.248.26 (16/03/2013): Gateway control protocol: Enhanced analogue lines packages

– Recommendation ITU-T H.248.29 (16/03/2013): Gateway control protocol: International CAS compelled register signalling packages

– Recommendation ITU-T H.248.32 (16/03/2013): Gateway control protocol: Detailed congestion reporting package

– Recommendation ITU-T H.248.36 (16/03/2013): Gateway control protocol: Hanging Termination Detection package

– Recommendation ITU-T H.248.40 (16/03/2013): Gateway control protocol: Application data inactivity detection package

– Recommendation ITU-T H.248.41 (16/03/2013): Gateway control protocol: IP domain connection package

– Recommendation ITU-T H.248.57 (16/03/2013): Gateway control protocol: RTP control protocol package

– Recommendation ITU-T H.248.61 (16/03/2013): Gateway control protocol: Packages for network level H.248 statistics

– Recommendation ITU-T H.248.64 (16/03/2013): Gateway control protocol: IP router packages

– Recommendation ITU-T H.248.78 (16/03/2013): Gateway control protocol: Bearer-level application level gateway

– Recommendation ITU-T H.248.81 (2011) Amd. 1 (16/03/2013)

– Recommendation ITU-T H.248.82 (16/03/2013): Gateway control protocol: Explicit congestion notification support

– Recommendation ITU-T H.248.85 (16/03/2013): Gateway control protocol: Usage of loopback in H.248

– Recommendation ITU-T H.262 (2012) Amd. 1 (16/03/2013)

– Recommendation ITU-T H.323 (2009) Amd. 1 (16/03/2013): Use of FACILITY message to enable call transfer

– Recommendation ITU-T H.450.4 (16/03/2013): Call hold supplementary service for H.323

– Recommendation ITU-T H.450.5 (16/03/2013): Call park and call pickup supplementary services for H.323

– Recommendation ITU-T H.450.7 (16/03/2013): Message waiting indication supplementary service for H.323

– Recommendation ITU-T H.450.8 (16/03/2013): Name identification supplementary service for H.323

– Recommendation ITU-T H.460.1 (16/03/2013): Guidelines for the use of the generic extensible framework

– Recommendation ITU-T H.460.2 (16/03/2013): Number Portability interworking between H.323 and SCN networks

– Recommendation ITU-T H.460.6 (16/03/2013): Extended Fast Connect feature

– Recommendation ITU-T H.460.7 (16/03/2013): Digit maps within H.323 systems

– Recommendation ITU-T H.460.18 (16/03/2013): Traversal of H.323 signalling across network address translators and firewalls

– Recommendation ITU-T H.460.19 (16/03/2013): Traversal of H.323 media across network address translators and firewalls

– Recommendation ITU-T H.460.24 (2009) Amd. 2 (16/03/2013): Support for ITU H.460.19 multiplex media mode for point-to-point media

– Recommendation ITU-T H.626.1 (16/03/2013): Architecture for mobile visual surveillance

– Recommendation ITU-T H.751 (16/03/2013): Metadata for rights information interoperability in IPTV services

– Recommendation ITU-T K.44 (2012) Cor. 1 (16/03/2016)

– Recommendation ITU-T M.1400 (16/03/2013): Designations for interconnections among operators' networks

– Recommendation ITU-T M.3349 (16/03/2013): Requirements for service and product lifecycle management across the business to business interfaces

– Recommendation ITU-T M.3705 (16/03/2013): Common management services - Log Management - Requirements and Analysis - Protocol Neutral Requirements and Analysis

– Recommendation ITU-T Q.818 (2012) Cor. 1 (16/03/2013)

– Recommendation ITU-T T.800 (2002) Amd. 6 (16/03/2013): Updated ICC profile support, bit depth and resolution clarifications

– Recommendation ITU-T T.801 (2002) Amd. 3 (16/03/2013): Box-based file format for JPEG XR, extended ROI boxes, XML boxing, compressed channel definition boxes, and representation of floating point

– Recommendation ITU-T T.808 (2005) Amd. 5 (16/03/2013): UDP transport and additional enhancements to JPIP

– Recommendation ITU-T X.782 (2012) Cor. 1 (16/03/2013)

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

**Note from TSB**

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

|  |  |
| --- | --- |
| *Country/geographical area or signalling network* | *SANC* |
| Congo (Republic of the) | 6-089 |

\_\_\_\_\_\_\_\_\_\_\_\_

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

Telephone Service  
(Recommendation ITU-T E.164)

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

**Armenia** **(country code +374)**

Communication of 13.III.2013:

The *Ministry of Transport and Communication of Armenia,* Yerevan, announces the final version of the geographic numbering plan for Armenia.

Armenia National Numbering Plan

| *Marz name (Province)* | *Destination name* | *Existing N(S)N* | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| *NDC* | *Additional digits* | | *Inter-regional destination code + SN* | |
|
|
|  |  |  |  | | Geographic numbers for fixed telephony services | |
|  | | | | | ArmenTel | Ucom |
| Yerevan | Telephone Exchanges | 10 | – | | 2XXXXX, 3XXXXX, 4XXXXX, 5XXXXX, 6XXXXX, 7XXXXX, 8XXXXX, 9XXXXX |  |
| 11 | – | |  | 2XXXXX, 3XXXXx, 4XXXXX, 5XXXXX, 6XXXXX, 7XXXXX, 8XXXXX, 9XXXXX |
| Kotayk | Abovyan | 222 | – | | 2XXXX, 3XXXX, 4XXXX, 7XXXX,9XXXX | 5XXXX |
| Arzni | 94XXX |
| Arinj | 98XXX |
| Geghashen | 97XXX |
| Abovyan CDMA | 6XXXX |  |
| Hrazdan | 223 | – | | 2XXXX, 3XXXX, 4XXXX, 9XXXX | 70XXX, 71XXX, 72XXX, 73XXX, 74XXX |
| Tsaghkadzor | 5XXXX | 75XXX, 76XXX, 77XXX, 78XXX, 79XXX |
| Hrazdan CDMA | 6XXXX |  |
| Charentsavan | 226 | – | | 2XXXX, 4XXXX, 7XXXX | 3XXXX |
| Charentsavan CDMA | 6XXXX |  |
| Eghvard | 224 | – | | 2XXXX, 3XXXX, 5XXXX, 9XXXX | 7XXXX |
| Nor-Hachn | 4XXXX |
| Eghvard CDMA | 6XXXX |  |
| Armavir | Echmiadzin | 231 | – | | 4XXXX, 5XXXX, 9XXXX | 2XXXX |
| Zvartnots | 7XXXX | 3XXXX |
| Echmiadzin CDMA | 6XXXX |  |
| Armavir | 237 | – | | 2XXXX, 5XXXX, 7XXXX, 9XXXX | 40XXX, 41XXX, 42XXX, 43XXX, 44XXX, 45XXX, 46XXX |
| Metsamor | 3XXXX | 47XXX, 48XXX, 49XXX |
| v. Armavir | 71XXX |
| Bambakashat | 79XXX |
| Mrgashat | 72XXX |
| Nalbandyan | 92XXX |
| Tandzyt | 96XXX |
| Armavir CDMA | 6XXXX |  |
| Baghramian | 233 | – | | 2XXXX, 7XXXX, 9XXXX | 3XXXX |
| Myasnikian | 74XXX |
| Baghramian CDMA | 6XXXX |  |
| Ararat | Vedi | 234 | – | | 2XXXX, 3XXXX, 4XXXX, 8XXXX, 9XXXX | 70XXX, 71XXX, 72XXX, 73XXX, 74XXX |
| Ararat | 75XXX, 76XXX, 77XXX, 78XXX, 79XXX |
| Urtsadzor | 86XXX |
| Vedi CDMA | 6XXXX |  |
| Ararat CDMA |
| Artashat | 235 | – | | 2XXXX, 5XXXX, 7XXXX, 9XXXX | 3XXXX |
| Norashen | 92XXX,93XXX |
| Artashat CDMA | 6XXXX |  |
| Masis | 236 | – | | 2XXXX, 3XXXX, 4XXXX, 9XXXX | 5XXXX |
| Masis CDMA | 6XXXX |  |
| Aragatsotn | Ashtarak | 232 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Byurakan | 94XXX |
| Ohanavan | 90XXX |
| Ashtarak CDMA | 6XXXX |  |
| Talin | 249 | – | | 2XXXX, 3XXXX, 7XXXX, 9XXXX | 4XXXX |
| Aragats | 95XXX |
| Katnaghbyur | 73XXX |
| Mastara | 97XXX |
| Talin CDMA | 6XXXX |  |
| Aparan | 252 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Artavan | 95XXX |
| Quchak | 91XXX |
| Aparan CDMA | 6XXXX |  |
| Tsaghkahovit | 257 | 0 | | 2XXX |
| Tsaghkahovit region | – | | 2XXXX | 3XXXX |
| Tsaghkahovit CDMA | 6XXXX |  |
| Shirak | Gyumri | 312 | – | | 2XXXX, 3XXXX, 4XXXX, 5XXXX | 9XXXX |
| Akhurian region | 7XXXX | 80XXX, 81XXX, 82XXX, 83XXX, 84XXX |
| Gyumri CDMA | 6XXXX |  |
| Ashotsk region | 245 | – | | 2XXXX, 3XXXX | 4XXXX |
| Ashotsk CDMA | 6XXXX |  |
| Amasia region | 246 | – | | 2XXXX, 3XXXX | 4XXXX |
| Amasia CDMA | 6XXXX |  |
| Maralik | 242 | – | | 2XXXX, 3XXXX, 4XXXX, 9XXXX | 5XXXX |
| Sarnaghbyur | 31XXX |
| Maralik CDMA | 6XXXX |  |
| Artik | 244 | – | | 2XXXX, 3XXXX, 5XXXX, 9XXXX | 4XXXX |
| Panik | 92XXX |
| Artik CDMA | 6XXXX |  |
| Arapi | 243 | 00 | | 5XX, 6XX |
| Lori | Vanadzor | 322 | – | | 2XXXX, 3XXXX, 4XXXX, 5XXXX, 60XXX, 61XXX, 62XXX, 63XXX, 64XXX, 65XXX, 66XXX, 9XXXX | 7XXXX |
| Vanadzor CDMA | 6XXXX |  |
| Spitak region | 255 | – | | 2XXXX, 3XXXX | 4XXXX |
| Spitak CDMA | 6XXXX |  |
| Alaverdi | 253 | – | | 2XXXX, 3XXXX, 4XXXX, 5XXXX | 7XXXX |
| Akhtala | 52XXX |
| Tumanyan | 57XXX |
| Alaverdi CDMA | 6XXXX |  |
| Tashir | 254 | – | | 2XXXX, 7XXXX, 9XXXX | 3XXXX |
| Metsavan | 94XXX |
| Tashir CDMA | 6XXXX |  |
| Stepanavan | 256 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Stepanavan CDMA | 6XXXX |  |
| Gegharkunik | Sevan | 261 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Sevan CDMA | 6XXXX |  |
| Martuni | 262 | – | | 2XXXX, 4XXXX, 5XXXX, 7XXXX, 9XXXX | 3XXXX |
| Vardenik | 52XXX, 53XXX |
| Martuni CDMA | 6XXXX |  |
| Gavar | 264 | – | | 2XXXX, 3XXXX, 4XXXX, 9XXXX | 5XXXX |
| Gavar CDMA | 6XXXX |  |
| Vardenis | 269 | – | | 2XXXX, 3XXXX, 7XXXX, 9XXXX | 4XXXX |
| Vardenis CDMA | 6XXXX |  |
| Chambarak | 265 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Vahan | 96XXX |
| Chambarak CDMA | 6XXXX |  |
| Tavush | Ijevan | 263 | – | | 3XXXX, 4XXXX, 7XXXX, 9XXXX | 2XXXX |
| Aygehovit | 74XXX |
| Achajur | 92XXX |
| Ijevan CDMA | 6XXXX |  |
| Berd | 267 | – | | 2XXXX, 5XXXX, 7XXXX, 9XXXX | 3XXXX |
| Mosesgegh | 96XXX |
| Navur | 91XXX |
| Norashen | 97XXX |
| Berd CDMA | 6XXXX |  |
| Noyemberian | 266 | – | | 2XXXX, 5XXXX, 7XXXX, 9XXXX | 3XXXX |
| Voskepar | 96XXX |
| Koti | 99XXX |
| Koghb | 52XXX, 53XXX |
| Noyemberian CDMA | 6XXXX |  |
| Dilijan | 268 | – | | 2XXXX, 3XXXX, 9XXXX | 4XXXX |
| Haghartsin |  | | 95XXX |
| Teghut |  | | 97XXX |
| Dilijan (4 digits) | 0 | | XXXX |  |
| Dilijan CDMA | – | | 6XXXX |
| Vayots dzor | Yeghegnadzor | 281 | – | | 2XXXX, 5XXXX, 9XXXX | 3XXXX |
| Malishka | 95XXX |
| Shatin | 99XXX |
| Yeghegnadzor CDMA | 6XXXX |  |
| Vaik | 282 | – | | 2XXXX, 928XX, 929XX | 3XXXX |
| Vaik region | 9XXXX |
| Vaik CDMA | 6XXXX |  |
| Jermuk | 287 | – | | 2XXXX, 9XXXX | 3XXXX |
| Gndevaz | 94XXX |
| Jermuk CDMA | 6XXXX |  |
| Syunik | Sisian region | 283 | - | | 2XXXX,7XXXX, 8XXXX, 9XXXX | 3XXXX |
| Sisian (4 digits) | 0 | | XXXX |  |
| Sisian CDMA | – | | 6XXXX |
| Goris region | 284 | – | | 2XXXX, 3XXXX, 4XXXX, 9XXXX | 5XXXX |
| Goris CDMA | 6XXXX |  |
| Kapan | 285 | – | | 2XXXX, 5XXXX, 9XXXX | 40XXX, 41XXX, 42XXX, 43XXX, 44XXX |
| Kajaran | 3XXXX | 45XXX, 46XXX, 47XXX, 48XXX, 49XXX |
| Kapan CDMA | 6XXXX |  |
| Meghri | 286 | – | | 4XXXX, 9XXXX | 3XXXX |
| Agarak | 2XXXX | 5XXXX |
| Shvanidzor | 95XXX |
| Meghri CDMA | 6XXXX |  |
| Non-geographic number for mobile services | ArmenTel GSM (Beeline) | 91, 96, 99 | XXXXXX | | | |
| K-Telecom GSM (Vivacell) | 77, 93, 94, 98 | XXXXXX | | | |
| Orange Armenia GSM (Orange) | 55, 95 | XXXXXX | | | |
| Non-geographical code for fixed telephony services | Softlink | 60 | – | 20XXXX | | |
| Arminco | 27XXXX, 62XXXX, 66XXXX | | |
| Dzoraghbyur Hamalir | 28XXXX | | |
| Icon Communications | 30XXXX, 31XXXX, 32XXXX, 33XXXX, 34XXXX | | |
| Hi-Tech Gateway | 35XXXX | | |
| Web | 36XXXX | | |
| CrossNet | 37XXXX, 40XXXX, 43XXXX, 47XXXX, 48XXXX, 49XXXX | | |
| AATV | 38XXXX | | |
| Netsys | 39XXXX, 63XXXX | | |
| Globall Callline | 41XXXX | | |

| *Marz name (Province)* | *Destination name* | *Existing N(S)N* | | | |
| --- | --- | --- | --- | --- | --- |
| *NDC* | *Additional digits* | *Inter-regional destination code + SN* | |
|
|
|  |  |  |  | Geographic numbers for fixed telephony services | |
|  | | | | ArmenTel | Ucom |
| Non-geographical code for fixed telephony services | Interactive TV |  |  | 42XXXX | |
| Ucom | 44XXXX, 50XXXX, 51XXXX, 52XXXX, 53XXXX, 54XXXX | |
| Griar Telecom | 45XXXX, 56XXXX, 57XXXX, 58XXXX, 59XXXX, 60XXXX | |
| GNC-Alfa | 46XXXX | |
| Hark Net | 55XXXX | |
| Armenian Datacom Company | 61XXXX | |
| Ayter | 64XXXX | |
| Orange Armenia | 65XXXX | |

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Fax: +374 10 52 38 62  
E-mail: [staff@mtc.am](mailto:staff@mtc.am)/[staff.motc@gmail.com](mailto:staff.motc@gmail.com)

**Brazil** **(country code +55)**

Communication of 6.II.2013:

The *Agência Nacional de Telecomunicações* (ANATEL), Brasilia, announces that the Numbering Plan of mobile services in Brazil will be modified due to the increasing demand for new numbers.

The current format of mobile numbers is N8N9N7N6N5N4N3N2N1 and the first digit which identifies this service is 9, 8, 7 or 6. However, in accordance with Resolution No. 553, issued by the Agencia Nacional de Telecomunicaçôes (ANATEL) on 14 December 2010, there will be the inclusion of a ninth digit in mobile number length and all subscriber numbers will begin with the digit “9”.

Therefore, mobile numbers will have the following format: +55 XX 9XXXX XXXX (country code + area code + subscriber number).

This change will be gradually implemented and will occur firstly in the area codes 12,13,14,15,16,17,18,19 (State of São Paulo ) on 25 August 2013 and in the area codes 21, 22, 24, 27 and 28 ( States of Rio de Janeiro and Espírito Santo) on 27 October 2013. ANATEL will announce in the future the date in which the other changes will take place in the other area codes of Brazil.

In addition, ANATEL would like to highlight that this format change will not be applied to mobile radio service numbers nor to fixed switched telephone numbers. Consequently, subscriber numbers for these services will remain eight digit long.

Brazil’s area codes and the numbering plan for mobile and fixed services:

Table 1 – Mobile Services

|  |  |  |  |
| --- | --- | --- | --- |
| *National Code (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| 11 | São Paulo | 29 July 2012 | 9XXXX XXXX |
| 12 to 19 | São Paulo | 25 August 2013 | 9XXXX XXXX |
| 21,22,24 | Rio de Janeiro | 27 October 2013 | 9XXXX XXXX |
| 27, 28 | Espirito Santo | 27 October 2013 | 9XXXX XXXX |
| 31 to 35, 37,38 | Minas Gerais | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 41 to 46 | Paraná | Not yet defined | XXXX XXXX (first digit 9, 8,7 or 6) |
| 47 to 49 | Santa Catarina | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 51 to 55 | Rio Grande do Sul | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 61 | Distrito Federal | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 62 and 64 | Goiás | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 63 | Tocantins | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 65, 66 | Mato Grosso | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 67 | Mato Grosso do Sul | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 68 | Acre | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 69 | Rond6nia | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 71,73 to 75,77, 79 | Bahia | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 79 | Sergipe | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 81,89 | Pemambuco | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 82 | Alagoas | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 83 | Paraiba | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 84 | Rio Grande do Norte | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 85,88 | Ceara | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 86, 87 | Piaui | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 91,93,94 | Para | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 92, 97 | Amazonas | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 95 | Roraima | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 96 | Amapa | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |
| 98, 99 | Maranhâo | Not yet defined | XXXX XXXX (first digit 9, 8, 7 or 6) |

Table 2 – Mobile Radio Services

|  |  |  |  |
| --- | --- | --- | --- |
| *National Code (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| 11 | São Paulo | Not applicable | 7XXX XXXX |
| 12 to 19 | São Paulo | Not applicable | 7XXX XXXX |
| 21,22,24 | Rio de Janeiro | Not applicable | 7XXX XXXX |
| 27, 28 | Espirito Santo | Not applicable | 7XXX XXXX |
| 31 to 35, 37,38 | Minas Gerais | Not applicable | 7XXX XXXX |
| 41 to 46 | Paraná | Not applicable | 7XXX XXXX |
| 47 to 49 | Santa Catarina | Not applicable | 7XXX XXXX |
| 51 to 55 | Rio Grande do Sul | Not applicable | 7XXX XXXX |
| 61 | Distrito Federal | Not applicable | 7XXX XXXX |
| 62 and 64 | Goiás | Not applicable | 7XXX XXXX |
| 63 | Tocantins | Not applicable | 7XXX XXXX |
| 65,66 | Mato Grosso | Not applicable | 7XXX XXXX |
| 67 | Mato Grosso do Sul | Not applicable | 7XXX XXXX |
| 68 | Acre | Not applicable | 7XXX XXXX |
| 69 | Rondônia | Not applicable | 7XXX XXXX |
| 71,73 to 75, 77, 79 | Bahia | Not applicable | 7XXX XXXX |
| 79 | Sergipe | Not applicable | 7XXX XXXX |
| 81,89 | Pernambuco | Not applicable | 7XXX XXXX |
| 82 | Alagoas | Not applicable | 7XXX XXXX |
| 83 | Paraiba | Not applicable | 7XXX XXXX |
| 84 | Rio Grande do Norte | Not applicable | 7XXX XXXX |
| 85, 88 | Ceara | Not applicable | 7XXX XXXX |
| 86, 87 | Piaui | Not applicable | 7XXX XXXX |
| 91, 93, 94 | Pará | Not applicable | 7XXX XXXX |
| 92, 97 | Amazonas | Not applicable | 7XXX XXXX |
| 95 | Roraima | Not applicable | 7XXX XXXX |
| 96 | Amapá | Not applicable | 7XXX XXXX |
| 98, 99 | Maranhão | Not applicable | 7XXX XXXX |

Table 3 – Fixed Services

| *National Code (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| --- | --- | --- | --- |
| 11 | São Paulo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 12 to 19 | São Paulo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 21,22, 24 | Rio de Janeiro | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 27,28 | Espirito Santo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 31 to 35, 37, 38 | Minas Gerais | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 41 to 46 | Paraná | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 47 to 49 | Santa Catarina | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 51 to55 | Rio Grande do Sul | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 61 | Distrko Federal | Not applicable | XXXXXXXX (first digit 2, 3 , 4 or 5) |
| 62 and 64 | Goiás | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 63 | Tocantins | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 65, 66 | Mato Grosso | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 67 | Mato Grosso do Sul | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 68 | Acre | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 69 | Rondônia | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 71, 73 to 75, 77, 79 | Bahia | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 79 | Sergipe | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 81,89 | Pemambuco | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 82 | Alagoas | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 83 | Paraiba | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 84 | Rio Grande do Norte | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 85, 88 | Ceará | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 86, 87 | Piaui | Not applicable | XXXX XXXX (firstdigit 2, 3 ,4 or 5) |
| 91,93,94 | Parf | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 92, 97 | Amazonas | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 95 | Roraima | Not applicable | XXXX XXXX (first digit 2, 3 ,4 or 5) |
| 96 | Amapá | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 98, 99 | Maranhão | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |

Contact:

Mr. Roberto Pinto Martins  
Agência Nacional de Telecomunicações (ANATEL)  
SAUS Quadra 6, Bloco H,   
Ed. Ministro Sérgio Motta  
BRASILIA/DF, CEP 70.070-940  
Brazil  
Tel: +55 61 2312 2216  
Fax: +55 61 2312 2244  
URL: www.anatel.gov.br

**Burkina Faso** **(country code +226)**

Communication of 11.III.2013:

The *Autorité de Régulation des Communications Electroniques et des Postes (ARCEP),*Ouagadougou*,* announces the assignment of the following new number series:

|  |  |  |  |
| --- | --- | --- | --- |
| *Operator* | *Service* | *Number serie* | *Date* |
| ONATEL-S.A | GSM Mobile | 6200 XXXX to 6219 XXXX | 11.III.2013 |

Contact:

Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)  
01 B.P.   
6437 OUAGADOUGOU 01  
Burkina Faso   
Tel: +226 5037 5360/61/62  
Fax: +226 5037 5364  
E-mail: [secretariat@arce.bf](mailto:secretariat@arce.bf)  
URL: www.arce.bf

**Costa Rica** **(country code +506)**

Communication of 13.III.2013

The *Superintendencia de Telecomunicaciones (SUTEL)*, San José*,* which under Decree N°35187-MINAET (National Numbering Plan) is in charge of the control and administration of Numbering resources in Costa Rica, acting in accordance with the provisions of Recommendation ITU-T E.129**,** presents the:

Modification to the E.164 National Numbering Plan (NNP) of Costa Rica for country code +506

Table 1 – Description of numbering change in the ITU-T E.164 National Numbering Plan  
for country code +506

| *NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number))* | *N(S)N number length* | | *Usage of E.164 Number* | *Time and date of introduction* |
| --- | --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 4200-0000  to  4203-9999 | 8 digits | 8 digits | Telephone Service IP, PRD Internacional S.A | 13-03-2013 – 00 :00 |
| 1415 | 4 digits | 4 digits | Telemanagement Service PRD Internacional S.A | 13-03-2013 – 00 :00 |
| 1416 | 4 digits | 4 digits | Recharging prepaid service PRD Internacional S.A | 13-03-2013 – 00 :00 |
| 1920 | 4 digits | 4 digits | Pre-selection code for operator PRD Internacional S.A | 13-03-2013 – 00 :00 |

Contact:

Ing. Pedro Arce Villalobos   
Superintendencia de Telecomunicaciones (SUTEL)  
Apartado Postal 936-1000  
SAN JOSÉ,  
Costa Rica  
Tel: 4000-0000  
Fax: +506 2215-6821  
E-mail: [pedro.arce@sutel.go.cr](mailto:pedro.arce@sutel.go.cr)

**Denmark** **(country code +45)**

Communication of 8.III.2013:

The *Danish Business Authority*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

• assignment – mobile communication service

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Compatel Limited | 2593XXXX | 8.III.2013 |

Communication of 19.III.2013:

The *Danish Business Authority*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

• assignment – mobile communication service

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Hi3G Denmark ApS | 2597XXXX | 11.III.2013 |
| Compatel Limited | 9245XXXX | 18.III.2013 |

• assignment – fixed communication service

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Supertel A/S | 7873XXXX | 1.V.2013 |

• withdrawal – fixed communication service

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Dansk Kabel TV | 6966XXXX, 6991XXXX and 6996XXXX | 8.III.2013 |

Communication of 19.III.2013:

The *Danish Business Authority*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

• withdrawal – mobile communication service

|  |  |  |
| --- | --- | --- |
|  | *Numbering series* | *Date of withdrawal* |
| Lebara Mobile Danmark | 5015XXXX, 5016XXXX, 5017XXXX, 5018XXXX, 5019XXXX, 5020XXXX, 5021XXXX, 5022XXXX, 5023XXXX, 5024XXXX, 5025XXXX, 5026XXXX, 5027XXXX, 5028XXXX, 5029XXXX, 5030XXXX, 5031XXXX, 5032XXXX, 5033XXXX, 5034XXXX, 5035XXXX, 5036XXXX, 5037XXXX, 5038XXXX, 5039XXXX, 5065XXXX, 5222XXXX, 5252XXXX, 5260XXXX, 5261XXXX, 5263XXXX, 5264XXXX, 5265XXXX, 5267XXXX, 5268XXXX, 5269XXXX, 5270XXXX, 5271XXXX, 5272XXXX, 5273XXXX,  5274XXXX, 5275XXXX, 5276XXXX, 5278XXXX, 5279XXXX, 5280XXXX, 5281XXXX, 5282XXXX, 5290XXXX, 5333XXXX, 6090XXXX, 8190XXXX, 8191XXXX, 8192XXXX, 8193XXXX, 8194XXXX. 9110XXXX, 9111XXXX, 9119XXXX, 9180XXXX, 9181XXXX, 9182XXXX, 9183XXXX, 9184XXXX, 9185XXXX, 9186XXXX, 9187XXXX, 9188XXXX, 9192XXXX, 9193XXXX, 9194XXXX, 9195XXXX, 9196XXXX, 9197XXXX, 9198XXXX and 9199XXXX | 27.II.2013 |

• assignment – mobile communication service

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Lebara Limited | 5015XXXX, 5016XXXX, 5017XXXX, 5018XXXX, 5019XXXX, 5020XXXX, 5021XXXX, 5022XXXX, 5023XXXX, 5024XXXX, 5025XXXX, 5026XXXX, 5027XXXX, 5028XXXX, 5029XXXX, 5030XXXX, 5031XXXX, 5032XXXX, 5033XXXX, 5034XXXX, 5035XXXX, 5036XXXX, 5037XXXX, 5038XXXX, 5039XXXX, 5065XXXX, 5222XXXX, 5252XXXX, 5260XXXX, 5261XXXX, 5263XXXX, 5264XXXX, 5265XXXX, 5267XXXX, 5268XXXX, 5269XXXX, 5270XXXX, 5271XXXX, 5272XXXX, 5273XXXX,  5274XXXX, 5275XXXX, 5276XXXX, 5278XXXX, 5279XXXX, 5280XXXX, 5281XXXX, 5282XXXX, 5290XXXX, 5333XXXX, 6090XXXX, 8190XXXX, 8191XXXX, 8192XXXX, 8193XXXX, 8194XXXX. 9110XXXX, 9111XXXX, 9119XXXX, 9180XXXX, 9181XXXX, 9182XXXX, 9183XXXX, 9184XXXX, 9185XXXX, 9186XXXX, 9187XXXX, 9188XXXX, 9192XXXX, 9193XXXX, 9194XXXX, 9195XXXX, 9196XXXX, 9197XXXX, 9198XXXX and 9199XXXX | 8.III.2013 |

Contact:

The Danish Business Authority  
Dahlerups Pakhus  
2100 COPENHAGEN  
Denmark  
Tel: +45 35 29 10 00   
Fax: +45 35 46 60 01   
E-mail: erst@erst.dk   
URL: www.erst.dk

**Madagascar** **(country code +261)**

Communication of 14.III.2013:

The *Office Malagasy d'Etudes et de Régulation des Télécommunications (OMERT),* Antananarivo, hereby announces that the operators Gulfsat Téléphonie and Gulfsat Madagascar have merged. Consequently, Gulfsat Madagascar, as the new operator will be called following this merger, now routes the entirety of dialling block +261 22. International operators are accordingly requested to take this information into consideration for the purpose of routing communications to Madagascar.

Contact:

Mr RAMORASATA Naivoson  
Chef de Service Supervision des Opérateurs de Réseaux  
Office Malagasy d'Etudes et de Régulation des Télécommunications (OMERT)  
Alarobia,  
ANTANANARIVO  
Madagascar  
Tel: +261 20 22 42119/+261 33 11 44040/+261 34 11 440 40  
E-mail: [ranaivoson@omert.mg](mailto:ranaivoson@omert.mg) l

**Timor-Leste** **(country code +670)**

Communication of 27.III.2013:

The *Ministry of Transport and Communication,* Dili, announces the following changes to the numbering plan for Timor-Leste that have been introduced since 1 January 2013:

*Description of number change for national numbering plan for country code +670*

a) Non-geographic number for cellular mobile:

The minimum number length (excluding the country code): 7 digits   
The maximum number length (excluding country code): 8 digits

Details of numbering plan

| *(1)* | *(2)* | | *(3)* | *(4)* | | *(5)* | *(6)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Communicated time and date of change* | *N(S) N* | | *Usage of E.164 number* | *Parallel running* | | *Operator* | *Proposed wording of announcement* |
| *Old number* | *New number* | *Begins* | *Ends* |
| 01 January 2013 00:00 |  | 73XXXXXX | Non-geographic number for cellular mobile | None | None | TELIN/ TELKOMCEL | None |
| 01 January 2013 00:00 |  | 74XXXXXX | Non-geographic number for cellular mobile | None | None | TELIN/ TELKOMCEL | None |
| 01 January 2013 00:00 |  | 75XXXXXX | Non-geographic number for cellular mobile | None | None | VIETTEL/ TELMOR | None |
| 01 January 2013 00:00 |  | 76XXXXXX | Non-geographic number for cellular mobile | None | None | VIETTEL/ TELMOR | None |
| 01 January 2013 00:00 | – | 78XXXXXX | Non-geographic number for cellular mobile | None | None | Timor Telecom | None |
| 01 January 2013 00:00 | 7XXXXXX | 77XXXXXX | Non-geographic number for cellular mobile | None | None | Timor Telecom | For national calls: “*O número que marcou foi alterado. Por favor desligue e adicione 7, seguido dos restantes dígitos.*  The number you dialed has changed. Please hang up and dial 7, followed by the other digits”.  For international calls: “*O número que marcou foi alterado. Por favor desligue e adicione 7 depois de 670, seguido dos restantes dígitos.*  The number you dialed has changed. Please hang up and dial 7 after 670, followed by the other digits”. |
| 01 January 2013 00:00 | – | 78XXXXXX | Non-geographic number for cellular mobile | None | None | Timor Telecom | None |

b) Geographic numbering

The *Ministry of Transport and Communications,* Dili, announces that the Timor-Lestehas adopted the following revised numbering plan for Timor-Leste that have been used on since 28 September 2003

• The country code for Timor-Leste is +670.

• The numbering plan in Timor-Leste shall be a closed plan.

• The National Significant Number (NSN) will consist of seven (7) digits with no area code.

The country will comprise three regions with a number of sub-regions. Until such time as full geographic number portability is introduced, the regions and sub-regions will be recognizable from the numbers as follows:

Western Region

21X XXXX Manufahi  
22X XXXX Cova Lima  
23X XXXX Bobonaro  
24X XXXX Ainaro  
25X XXXX Oekuse

Central Region

31X XXXX Dili   
32X XXXX Dili   
33X XXXX Dili   
36X XXXX Liquica  
37X XXXX Aileu  
38X XXXX Ermera

Eastern Region

41X XXXX Baucau  
42X XXXX Manatuto  
43X XXXX Viqueque  
44X XXXX Lautem

The international prefix will be “00” instead of “001”.

To conform to the seven (7) digit subscriber number, all current local six (6) digits subscriber numbers will be extended to seven (7) digits by adding digit “3” in front of the existing subscriber numbers. No subscriber number may begin with “1”, “7”, “8” or “9”.

c) Non-geographic numbering

The following non-geographic destination codes and number ranges are assigned in accordance with international trends:

80X XXXX freephone and specially tariffed services (including Internet dial-up access numbers)  
90X XXXX premium rate services  
70X XXXX personal numbering  
71X XXXX voicemail  
7YX XXXX cellular mobile (Y=2, 3... as required)  
79X XXXX paging

The code 112 shall be provided as a general emergency number, but the existing emergency numbers will continue to be in service whether or not they are advertised.

Short codes in use are:

100 – Prepaid service PPS Recharge  
102 – Prepaid service PPS Balance  
112 – General emergency number  
115 – Fire Brigade number  
120 – Operator assistance  
121 – Fault report  
123 – Customer service  
128 – Directory Enquiries  
172 – Timor Telecom Customer Care  
190 – TT Internal technical support (Switching)  
197 – TT Internal technical support (Local network)

Short codes beginning with “1” which connect to information services will be moved to “800” or “900”.

In order to allow for competition by different operators on the whole territory of Timor-Leste, telecommunication operators will be allocated blocks of subscriber numbers in areas where they wish to operate. Number blocks will be a minimum of 10,000 numbers, but any operator may be allocated more than one block.

No numbers should be used for any purpose in Timor-Leste without prior allocation by the *National Communication Authority or Ministry of Transport and Communications*. The exception to this will be regarding numbers already in use, in which case a retrospective allocation will be made.

The inconvenience to subscribers associated with the introduction of the new numbering plan will be kept to a minimum by ensuring that for the first three months, old and new numbers will be used in parallel (i.e. both the old numbering system “three-digit area code + six-digit subscriber number” will remain in operation in parallel with the new numbering scheme “seven-digit subscriber number”). Thereafter the operator will take all necessary measures to ensure that subscribers experience a minimum of inconvenience.

Contact:

Ministry of Transport and Communication  
Telecommunication Building  
Av. Bispo de Medeiros No. 8 Caicoli  
DILI   
Timor-Leste  
Tel: +670 333 9330  
Fax: +670 333 9339   
E-mail: [nicolau.celestino@sapo.tl](mailto:nicolau.celestino@sapo.tl)  
URL: www.timor-leste.gov.tl

Changes in Administrations/ROAs and other entities  
or Organizations

**Bahrain**

Communication of 26.III.2013:

*Change of name and address*

The *Central Informatics & Telecommunications,* Isa Town, announces that it has changed its name. It is now called: « *Central Informatics Organization (CIO)* ». It also announces that its address has changed.

Central Informatics Organization (CIO)  
P.O. Box 33305  
ISA TOWN   
Bahrain  
Tel: +973 17 878 000 /+973 17 377 777   
Fax: +973 17 878 101   
URL: www.cio.gov.bh

**Comores**

Communication of 26.III.2013:

*Changes of name and address*

The *Autorité Nationale de Régulation des Technologies de l'Information et de la Communication (ANRTIC),* Moroni, announces that it has changed its name. It is now called: « *Autorité Nationale de Régulation des TIC (ANRTIC)*». It also announces that its address has changed:

Autorité Nationale de Régulation des TIC (ANRTIC)  
Moroni Oasis  
B.P. 6540  
MORONI   
Comores  
Tel: +269 7 738 761 /+269 7 634 595  
Fax: +269 7 738 762   
URL: www.anrtic.km

**France**

Communication of 26.III.2013:

*Change of name*

The *Ministère chargé des petites et moyennes Entreprises, de l'Innovation et de l'Économie numérique,* Ivry-sur-Seine*,* announces that it has changed its name. It is now called: « *Ministère du Redressement productif* ».

Ministère du Redressement productif  
Direction générale de la Compétitivité, de l'Industrie et des Services (DGCIS)  
Service des Technologies de l'Information et de la Communication  
67, rue Barbès  
B.P. 80001  
94201 IVRY-SUR-SEINE, Cédex  
France  
Tél: +33 1 79 84 34 64   
Fax: +33 1 53 44 91 63   
URL: www.redressement-productif.gouv.fr

**Malta**

Communication of 22.III.2013:

*Change of name*

The *Ministry for Infrastructure, Transport and Communications*, Valleta, announces that it has changed its name. It is now called: « *Ministry for Transport and Infrastructure* *».*

Ministry for Transport and Infrastructure  
168, Strait Street  
VALLETTA VLT 1433  
Malta  
Tel: +356 212 26808   
Fax: +356 212 50700   
E-mail: info.doi@gov.mt   
URL: www.mitc.gov.mt

Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://www.itu.int/pub/T-SP-SR.1-2012)

|  |  |
| --- | --- |
| Country/geographical area | OB |

|  |  |  |  |
| --- | --- | --- | --- |
| Seychelles | 1006 (p.13) |  |  |
| Slovakia | 1007 (p.12) |  |  |

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

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

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADD** | Insert |  | **PAR** | paragraph |
| **COL** | Column |  | **REP** | replace |
| **LIR** | Read |  | **SUP** | delete |
| **P** | page(s) |  |  |  |

List of International  
Monitoring Stations  
(List VIII)  
11th Edition (March 2009)

(Amendment No. 9)

**PART I B  
ALPHABETICAL INDEX OF STATIONS**

**ARG Argentina**

**P**  23 COL 1-6 **ADD by alphabetical order**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Nom de la station  *Name of the station*  Nombre de la estación | Adresse postale  *Postal address*  Dirección postal | Téléphone  *Telephone*  Teléfono | Téléfax  *Telefax*  Telefax  et *and* y  Courrier électronique  *Electronic-mail*  Correo electrónico | Partie II  *Part II*  Parte II | | Partie III  *Part III*  Parte III |
| Section Sección | Page Página | Page Página |
| 1 | 2 | 3 | 4 | 5 | | 6 |
| Benavídez ARSAT earth station | Argentina |  |  |  |  | 159 f 168 e 177 s |

**PART III**

**PARTICULARS OF MONITORING STATIONS  
CARRYING OUT MEASUREMENTS RELATED TO STATIONS  
OF SPACE RADIOCOMMUNICATION SERVICES**

**P** 168 **ADD by alphabetical order**

**ARG Argentina**

1. *Name of the station*

Benavídez ARSAT earth station

2. *Geographical coordinates*

34°24'35" S 58°43'04" W

3. *Hours of service*

To be confirmed.

4. *Information on antennas in use*

a) 9.3 m Cassegrain antenna (Ku band)

b) 4.8 m Cassegrain antenna (Ku band)

5. *Range of azimuth and elevation angles*

a) Azimuth angle: 270° to 88° continuous

Elevation angle: 0.5° - 88°

Polarization angle: 90° (motorized)

Speed: 0.5°/s

b) Azimuth angle: 283.7° to 20.89° continuous

Elevation angle: 0.5° - 65°

Polarization angle: 90° (motorized)

Speed: 0.5°/s

6. *Maximum attainable accuracy in determining orbital positions of space stations*

a) < 0.03 RMS

b) < 0.03 RMS

7. *Information on system polarization*

a) Tx dual linear switchable and Rx dual linear

b) Tx dual linear switchable and Rx dual linear

8. *System noise temperature*

a) 10° elev./clear sky/T0 = 296° K 70° K

10° elev./clear sky/T0 = 318° K 76° K

G/T: 37.2 dB/° K @ GHz @ 10° elev.

b) 10° elev./clear sky/T0 = 296° K 70° K

10° elev./clear sky/T0 = 318° K 76° K

G/T: 31.2 dB/° K @ GHz @ 10° elev.

9. *Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range*

a) Rx: 11.450 - 12.200 GHz. Tx: 13.750 - 14.500 GHz

+ 1% of occupied bandwidth or 0.1 ppm

b) Rx: 11.450 - 12.200 GHz. Tx: 13.750 - 14.500 GHz

+ 1% of occupied bandwidth or 0.1 ppm

10. *Ranges of frequencies in which field strength or power flux-density measurements can be performed*

10.95 GHz - 12.2 GHz: both measurements should be derived from the e.i.r.p. measurement for the system.

Power Measurement Accuracy: + 0.5 dB.

11. *Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement*

Minimum e.i.r.p. value measurable by the system: 10 dBm.

Power Measurement Accuracy: + 0.5 dB.

12. *Information available for bandwidth measurements*

Percentage of Power Bandwidth, x dB Bandwidth and Power Above Noise Bandwidth.

13. *Information available for spectrum occupancy measurements*

Based on ITU online data.

14. *Information available for orbit occupancy measurements*

Based on ITU online data.

Mobile Network Code (MNC) for the international identification plan   
for public networks and subscriptions  
(According to Recommendation ITU-T E.212 (05/2008))  
(Position on 1 January 2013)

(Annex to ITU Operational Bulletin No. 1019 – 1.I.2013)

(Amendment No.6 )

***Country/Geographical area*** ***MCC+MNC \**** ***Operator/Network***

**P 3 Afghanistan LIR**

412 50 Etisalat

**P 11 Denmark ADD**

238 13 Compatel Limited

**P 28 Latvia ADD**

247 09 SIA "Camel Mobile"

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

List of Signalling Area/Network Codes (SANC)  
(Complement to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 July 2011)

(Annex to ITU Operational Bulletin No. 983 – 1.VII.2011)  
(Amendment No. 29)

|  |  |  |
| --- | --- | --- |
| **Numerical order ADD** | | |
| **P 20** | 6-089 | Congo (Republic of the) |

|  |  |  |
| --- | --- | --- |
| **Alphabetical order ADD** | | |
| **P 27** | 6-089 | Congo (Republic of the) |

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SANC: Signalling Area/Network Code.

Code de zone/réseau sémaphore (CZRS).

Código de zona/red de señalización (CZRS).

List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 15 May 2012)

(Annex to ITU Operational Bulletin No. 1004 – 15.V.2012)  
(Amendment No. 21)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **P 24 Congo ADD** | | | |
| 6-058-6 | 12758 |  | Congo Telecom |
| 6-088-0 | 12992 |  | Congo Telecom |
| 6-088-1 | 12993 |  | Congo Telecom |
| 6-088-2 | 12994 |  | Congo Telecom |
| 6-088-3 | 12995 |  | Congo Telecom |
| 6-088-4 | 12996 |  | MTN Congo |
| 6-088-5 | 12997 |  | MTN Congo |
| 6-088-6 | 12998 |  | MTN Congo |
| 6-088-7 | 12999 |  | MTN Congo |
| **P 24 Congo LIR** | | | |
| 6-058-1 | 12753 |  | AIRTEL Congo |
| 6-058-2 | 12754 |  | AIRTEL Congo |
| 6-058-7 | 12759 |  | AZUR Congo |
| **P 33 to P 35 France SUP** | | | |
| 2-017-2 | 4234 | Telemedia - Paris 1 | Telemedia |
| 2-150-0 | 5296 | Interxion 1 | Interxion |
| 2-150-3 | 5299 | KPN Eurovoice - Nanterre | KPN Eurovoice BV |
| 2-151-0 | 5304 | 3U Telecom 1 | 3U Telecom |
| 2-201-4 | 5708 | IBasis 1 | Ibasis |
| 2-203-6 | 5726 | Telemedia Paris 2 | Telemedia |
| **P 35 France ADD** | | | |
| 3-232-4 | 8004 | M Target – St Denis 1 | M Target |
| 3-232-5 | 8005 | M Target – St Denis 2 | M Target |
| 3-232-7 | 8007 | France Telecom – CTI France Paris – YJ03 | France Telecom |
| 4-228-0 | 10016 | Free – XC27 – Courbevoie 2 | Free |
| 4-228-1 | 10017 | Free – XD13 – Paris 2 | Free |
| 4-228-2 | 10018 | Completel – Champs sur Marne 1 | Completel |
| 4-228-3 | 10019 | Completel – Champs sur Marne 2 | Completel |
| **P 34 France LIR** | | | |
| 2-149-1 | 5289 | Completel – Paris 1 | Completel |
| **P 55 Ireland SUP** | | | |
| 2-146-4 | 5268 | Tallaght | Cable & Wireless |
| **P 55 Ireland LIR** | | | |
| 2-146-0 | 5264 | Hogan Place | Cable & Wireless (Ireland) Ltd |
| **P 66 Latvia ADD** | | | |
| 3-234-6 | 8022 | TLNVAI | Telenova |
| **P 67 Latvia LIR** | | | |
| 5-249-7 | 12239 | ECON1 | ECO Networks |
| 6-248-3 | 14275 | MGTL1 | MEGATEL |
| 7-245-0 | 16296 | ECON2 | ECO Networks |
| **P 81 to 82 Norway LIR** | | | |
| 2-086-0 | 4784 | Oslo Netc1 MSC | TeliaSonera Norge AS |
| 2-086-1 | 4785 | Oslo Netc4 MSC | TeliaSonera Norge AS |
| 2-086-4 | 4788 | Oslo 1 | Kvantel AS |
| **P 105 Sweden ADD** | | | |
| 6-229-3 | 14123 | Maingate SP01 (Karlskrona) | Wireless Maingate Nordic AB |
| 6-229-4 | 14124 | Maingate SP02 (Karlskrona) | Wireless Maingate Nordic AB |
| 6-229-5 | 14125 | Maingate SP03 (Karlskrona) | Wireless Maingate Nordic AB |

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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 (11/2009))

Web:[www.itu.int/itu-t/inr/nnp/index.html](http://www.itu.int/itu-t/inr/nnp/index.html)

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

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

From 15.III.2013 the following countries have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country* | *Country Code (CC)* |
| Burkina Faso | +226 |
| Mauritius | +230 |