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1028	15.V.2013	1.V.2013
1029	1.VI.2013	18.V.2013
1030	15.VI.2013	3.VI.2013
1031	1.VII.2013	14.VI.2013
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1040	15.XI.2013	3.XI.2013
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
Bureaufax Table (ITU-T Rec. F.170)	www.itu.int/ITU-T/inr/bureaufax/index.html
List of recognized operating agencies (ROAs)	www.itu.int/ITU-T/inr/roa/index.html

Approval of ITU-T Recommendations

By AAP-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):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
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				

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	
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		–
	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		

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
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	

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
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	

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	
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	

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
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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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 $N_8N_9N_7N_6N_5N_4N_3N_2N_1$ 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 Telecomunicações (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

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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	Rondônia	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	Pernambuco	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	Paraíba	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	Ceará	Not yet defined	XXXX XXXX (first digit 9, 8, 7 or 6)
86, 87	Piauí	Not yet defined	XXXX XXXX (first digit 9, 8, 7 or 6)
91,93,94	Pará	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	Amapá	Not yet defined	XXXX XXXX (first digit 9, 8, 7 or 6)
98, 99	Maranhão	Not yet defined	XXXX XXXX (first digit 9, 8, 7 or 6)

Table 2 – Mobile Radio Services

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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	Paraíba	Not applicable	7XXX XXXX
84	Rio Grande do Norte	Not applicable	7XXX XXXX
85, 88	Ceara	Not applicable	7XXX XXXX
86, 87	Piauí	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

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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 to 55	Rio Grande do Sul	Not applicable	XXXX XXXX (first digit 2, 3, 4 or 5)
61	Distrko Federal	Not applicable	XXXX XXXX (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	Pernambuco	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	Paraíba	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	Piauí	Not applicable	XXXX XXXX (first digit 2, 3, 4 or 5)
91,93,94	Pará	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
 BRASÍLIA/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:

<i>Operator</i>	<i>Service</i>	<i>Number serie</i>	<i>Date</i>
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
 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

<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>Time and date of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
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	Telemangement 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

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

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
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

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Hi3G Denmark ApS	2597XXXX	11.III.2013
Compatel Limited	9245XXXX	18.III.2013

- assignment – fixed communication service

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Supertel A/S	7873XXXX	1.V.2013

- withdrawal – fixed communication service

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
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

	<i>Numbering series</i>	<i>Date of withdrawal</i>
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

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
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 |

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

(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	7XXXXXX	77XXXXXX	Non-geographic number for cellular mobile	None	None	Timor Telecom	<p>For national calls: “O número que marcou foi alterado. Por favor desligue e adicione 7, seguido dos restantes dígitos.</p> <p>The number you dialed has changed. Please hang up and dial 7, followed by the other digits”.</p> <p>For international calls: “O número que marcou foi alterado. Por favor desligue e adicione 7 depois de 670, seguido dos restantes dígitos.</p> <p>The number you dialed has changed. Please hang up and dial 7 after 670, followed by the other digits”.</p>
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-Leste has 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
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

<i>Country/geographical area</i>	<i>OB</i>
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 <i>Name of the station</i> Nombre de la estación	Adresse postale <i>Postal address</i> Dirección postal	Téléphone <i>Telephone</i> Teléfono	Téléfax <i>Telefax</i> Telefax et <i>and y</i> Courrier électronique <i>Electronic-mail</i> Correo electrónico	Partie II <i>Part II</i> Parte II		Partie III <i>Part III</i> Parte III
				Section <i>Sección</i>	Page <i>Página</i>	Page <i>Página</i>
1	2	3	4	5		6
Benavidez 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/ $T_0 = 296^\circ \text{ K}$ 70° K
10° elev./clear sky/ $T_0 = 318^\circ \text{ K}$ 76° K
G/T: 37.2 dB/° K @ GHz @ 10° elev.
 - b) 10° elev./clear sky/ $T_0 = 296^\circ \text{ K}$ 70° K
10° elev./clear sky/ $T_0 = 318^\circ \text{ K}$ 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)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
P 3 Afghanistan LIR	412 50	Etisalat
P 11 Denmark ADD	238 13	Compatel Limited
P 28 Latvia ADD	247 09	SIA "Camel Mobile"

* 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)

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)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
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<i>ISPC</i>	<i>DEC</i>
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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
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P 55 Ireland SUP

2-146-4	5268	Tallaght	Cable & Wireless
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P 55 Ireland LIR

2-146-0	5264	Hogan Place	Cable & Wireless (Ireland) Ltd
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P 66 Latvia ADD

3-234-6	8022	TLNVAI	Telenova
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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

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

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

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

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

<i>Country</i>	<i>Country Code (CC)</i>
Burkina Faso	+226
Mauritius	+230