

ITU Operational Bulletin

www.itu.int/itu-t/bulletin

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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.

- 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)
- 993 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 December 2011)
- 992 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 15 November 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)
- 979 List of international signalling point codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 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)
- 971 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 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-80, 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 G.798 (2010) Amd. 2 (06/04/2012): Characteristics of optical transport network hierarchy equipment functional blocks – Amendment 2
- Recommendation ITU-T G.874 (2010) Amd. 1 (06/04/2012): Management aspects of optical transport network elements – Amendment 1
- Recommendation ITU-T G.993.2 (2011) Amd. 1 (06/04/2012): Very high speed digital subscriber line transceivers 2 (VDSL2) – Amendment 1
- Recommendation ITU-T G.996.2 (2009) Amd. 2 (06/04/2012): Single-ended line testing for digital subscriber lines (DSL) – Amendment 2
- Recommendation ITU-T G.998.4 (2010) Amd. 2 (06/04/2012): Improved impulse noise protection for DSL transceivers – Amendment 2
- Recommendation ITU-T X.501 (2005) Cor. 4 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Models – Technical Corrigendum 4
- Recommendation ITU-T X.501 (2008) Cor. 2 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Models – Technical Corrigendum 2
- Recommendation ITU-T X.509 (2005) Cor. 4 (13/04/2012): Information technology – Open systems interconnection – The Directory: Public-key and attribute certificate frameworks – Technical Corrigendum 4
- Recommendation ITU-T X.509 (2008) Cor. 2 (13/04/2012): Information technology – Open systems interconnection – The Directory: Public-key and attribute certificate frameworks – Technical Corrigendum 2
- Recommendation ITU-T X.511 (2005) Cor. 4 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Abstract service definition – Technical Corrigendum 4
- Recommendation ITU-T X.511 (2008) Cor. 2 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Abstract service definition – Technical Corrigendum 2
- Recommendation ITU-T X.519 (2005) Cor. 3 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Protocol specifications – Technical Corrigendum 3
- Recommendation ITU-T X.519 (2008) Cor. 2 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Protocol specifications – Technical Corrigendum 2
- Recommendation ITU-T X.520 (2005) Cor. 4 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Selected attribute types – Technical Corrigendum 4
- Recommendation ITU-T X.520 (2008) Cor. 2 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Selected attribute types – Technical Corrigendum 2
- Recommendation ITU-T X.521 (2005) Cor. 1 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Selected object classes – Technical Corrigendum 1
- Recommendation ITU-T X.521 (2008) Cor. 1 (13/04/2012): Information technology – Open Systems Interconnection – The Directory: Selected object classes – Technical Corrigendum 1
- Recommendation ITU-T X.691 (2008) Cor. 2 (13/04/2012): Information technology – ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) – Technical Corrigendum 2
- Recommendation ITU-T X.1086 (2008) Amd. 1 (13/04/2012): Multibiometric protection procedures

- Recommendation ITU-T X.1091 (13/04/2012): A guideline for evaluating telebiometric template protection techniques
- Recommendation ITU-T X.1194 (13/04/2012): Algorithm selection scheme for service and content protection (SCP) descrambling
- Recommendation ITU-T X.1197 (13/04/2012): Guidelines on criteria for selecting cryptographic algorithms for IPTV service and content protection

Maritime Identification Digits (MID)

The Administration of Kingdom of the Netherlands has requested that the MID “306” allocated to the former Netherlands Antilles be considered as allocated to the three new geographical areas, namely: Curaçao, Sint Maarten (Dutch part) and the islands Bonaire, Sint Eustatius and Saba.

Telephone Service (Recommendation ITU-T E.164)

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

Bahrain (country code +973)

Communication of 12.III.2012:

The *Telecommunications Regulatory Authority (TRA)*, Bahrain, announces that the following new telephone number series have been assigned to VIVA Bahrain:

(1)	(2)		(3)	(4)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
35300000 – 35399999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain
35500000 – 35599999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain
63000000 – 63009999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain
63330000 – 63339999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain
63610000 – 63619999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain
63660000 – 63669999	8 digits	8 digits	Mobile telephone service	VIVA Bahrain

International dialling format: +973 353X XXXX
 +973 355X XXXX
 +973 6300 XXXX
 +973 6333 XXXX
 +973 6361 XXXX
 +973 6366 XXXX

Contact:

Mr Ahmed Jaber Aldoseri
Director of ICT
Telecommunications Regulatory Authority
P.O. Box 10353
Kingdom of Bahrain
Tel: +973 1752 0000
Fax: +973 1753 2125
E-mail: aaldoseri@tra.org.bh

Burkina Faso (country code +226)

Communication of 26.III.2012:

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

<i>Operator</i>	<i>Service</i>	<i>Number series</i>	<i>Date of introduction</i>
Telecel Faso SA	Mobile	68 10XXXX to 68 19XXXX	26.III.2012

Contact:

Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)
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 19.III.2012:

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:

Description of assignment of new numbering resources 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)) X = 0 to 9</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>		
410X XXXX 411X XXXX	8 digits	8 digits	IP telephone service, Telefonica de Costa Rica TC; S.A	19.III.2012 – 00:00

Contact:

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

Denmark (country code +45)

Communication of 13.III.2012:

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>
CBB Mobil A/S	5296XXXX	13.III.2012
Telenor A/S	9131XXXX, 9132XXXX, 9133XXXX, 9134XXXX, 9135XXXX, 9136XXXX, 9137XXXX, 9138XXXX and 9139XXXX	19.III.2012

Contact:

The Danish Business Authority
Dahlerups Pakhus
DK-2100 Copenhagen
Denmark
Tel: +45 35 291000
Fax: +45 35 466001
E-mail: erst@erst.dk
URL: www.erst.dk

Germany (country code +49)

Communication of 26.III.2012:

The *Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway*, (BNetzA), Mainz, announces that an updated National Numbering Plan (NNP) for Germany has been posted on ITU numbering website: www.itu.int/ITU-T/inr/nnp/

All Administrations and Recognized Operating Agencies (ROA) are requested to ensure that access is given to all national (significant) numbers by notifying the respective telecommunications companies within their country.

Contact:

Ms Martina Welcher
Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway
Canisiusstr. 21
55122 MAINZ
Germany
Tel: +49 6131 18 2246
Fax: +49 6131 18 5650
E-mail: martina.welcher@bnetza.de
URL: www.bundesnetzagentur.de

Jordan (country code +962)

Communication of 21.III.2012:

The *Telecommunications Regulatory Commission (TRC)*, Amman, announces the withdrawal of number range as follows:

SUP

<i>Service</i>	<i>Operator</i>	<i>Number Series</i>
Mobile Services	New Generation Telecommunication Company – Xpress	+962 7 454X XXXX +962 7 455X XXXX +962 7 456X XXXX +962 7 457X XXXX

Contact:

Mr. Zeid Alkadi
Technical Department
Telecommunications Regulatory Commission (TRC)
P.O. Box 850967
AMMAN 11185
Jordan
Tel: +962 6 550 1120 ext: 3401
Fax: +962 6 586 3641
E-mail: zeid.alkadi@trc.gov.jo

Kuwait (country code +965)

Communication of 17.IV.2012:

The *Ministry of Communications (MOC)*, Safat, announces that the new numbering range 511 XXXXX has been introduced by VIVA Telecom, one of the mobile operator in Kuwait.

Format: +965 511 XXXXX

Contact:

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

Netherlands (country code +31)

Communication of 14.III.2012:

Machine-to-Machine

The *Association COIN*, Gouda, announces that the new number series 0970 XXXX XXXX (12 digits long when calling within the Netherlands) has been introduced for Machine-to-Machine numbers in the Netherlands. This number series can be implemented on fixed and mobile networks.

<i>Service</i>	<i>Operator</i>	<i>Number series</i>	<i>Date of introduction</i>
Machine to Machine	All operators in the Netherlands	+31 970 XXXX XXXX	1 st April 2012

Administrations and Recognized Operating Agencies (ROAs) are requested to ensure that access is opened in their switches to the above new number series.

Contact:

Mr Remco Leijendekker
Association COIN
P.O. Box 777
2800AT GOUDA
Netherlands
Tel: +31 182 690 076
Fax: +31 182 690 075
E-mail: servicedesk@coin.nl
URL: www.coin.nl

Changes in Administrations/ROAs and other entities or Organizations

Bulgaria

Communication of 3.IV.2012:

Change in e-mail address

The *Bulgarian Telecommunications Company Plc. (BTC)*, Sofia, announces that its e-mail address has changed:

E-mail: emil.georgakiev@vivacom.bg

Bulgarian Telecommunications Company Plc. (BTC)

8, Gen, Totleben Boulevard

1606 SOFIA

Bulgaria

Tel: +359 2 949 4896

Fax: +359 2 987 2110

E-mail: emil.georgakiev@vivacom.bg

URL: www.btc.bg

Saint Lucia

Communication of 4.IV.2012:

Change of name and fax number

The *Ministry of Communications, Works, Transport and Public Utilities*, Castries, announces that it has changed its name. It is now called :«Ministry of Infrastructure, Port Services and Transport», and that its fax number has changed.

Ministry of Infrastructure, Port Services and Transport

CASTRIES

Saint Lucia

Tel: +1 758 468 43 00

Fax: +1 758 453 27 69

E-mail: min_com@gosl.gov.lc

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

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 Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 January 2011)

(Annex to ITU Operational Bulletin No. 971 – 1.I.2011)
(Amendment No. 23)

P 37 Netherlands ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Netherlands	UPC NL Kabelweg 51 1014 BA AMSTERDAM The Netherlands	89 31 18	Mr R.Kolthek UPC NL Postbus 80900 1005 DA AMSTERDAM The Netherlands Tel: +31 20 775 5523 Fax: E-mail: rkolthek@upc.nl	1.IV.2012

P 60 United States ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
United States	Greenfly LLC 731 East 38 th street SCOTTSBULFF, NE 69361 United States	89 1 680	Mr Michael Tracy Greenfly LLC 731 east 38 th street SCOTTSBULFF, N 69361 United States Tel: +1 308 225 2222 Fax: +1 720 204 2142 E-mail: mchltrc0@gmail.com	1.IV.2012

**Access codes/numbers for mobile networks
(According to ITU-T Recommendation E.164 (11/2010))
(Position on 1 December 2011)**

(Annex to ITU Operational Bulletin No. 993 – 1.XII.2011)
(Amendment No. 9)

<i>Country/geographical area</i>	<i>E.164 Country Code</i>	<i>Mobile telephone numbers, first digits after country code</i>
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P 4 Burkina Faso LIR

Burkina Faso	226	60, 66, 68, 7
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P 4 Tunisia LIR

Tunisia	216	2, 5, 40, 41, 9
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P 8 Viet Nam (Socialist Republic of) LIR

Viet Nam (Socialist Republic of)	84	12, 16, 19, 9
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**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 15 November 2011)**

(Annex to ITU Operational Bulletin No. 992 – 15.XI.2011)
(Amendment No. 11)

P 11 French Polynesia ADD

<i>Country/geographical area</i>	<i>MCC + MNC*</i>	<i>Name of Operator/Network</i>
French Polynesia	547 15	Pacific Mobile Telecom

P 11 French Polynesia SUP

<i>Country/geographical area</i>	<i>MCC + MNC*</i>	<i>Name of Operator/Network</i>
French Polynesia	547 02	Digicel Tahiti

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

List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 May 2011)

(Annex to ITU Operational Bulletin No. 979 – 1.V.2011)
(Amendment No. 24)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<i>ISPC</i>	<i>DEC</i>	
P 34 French Polynesia SUP		
5-094-4	10996	Commutateur Papeete
5-094-5	10997	STP Papeete
P 77 New Caledonia ADD		
5-092-4	10980	Nouméa Gallieni HC4
P 95 South Africa ADD		
6-109-3	13163	JHMES2-01
6-109-4	13164	RBM2S1-01

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 1.IV.2012 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country Code (CC)</i>
Burkina Faso	+226
Tunisia	+216
Viet Nam	+84