# Table of Contents

*Page*

**www.itu.int**

| | Dates of publication of the next Operational Bulletins | Including information received by: |
|---|---|---|
| 1116 | 15.I.2017 | 2.I.2017 |
| 1117 | 1.II.2017 | 16.I.2017 |
| 1118 | 15.II.2017 | 1.II.2017 |
| 1119 | 1.III.2017 | 15.II.2017 |
| 1120 | 15.III.2017 | 1.III.2017 |
| 1121 | 1.IV.2017 | 17.III.2017 |
| 1122 | 15.IV.2017 | 31.III.2017 |
| 1123 | 1.V.2017 | 14.IV.2017 |
| 1124 | 15.V.2017 | 1.V.2017 |
| 1125 | 1.VI.2017 | 16.V.2017 |
| 1126 | 15.VI.2017 | 1.VI.2017 |
| 1127 | 1.VII.2017 | 16.VI.2017 |
| 1128 | 15.VII.2017 | 30.VI.2017 |
| 1129 | 1.VIII.2017 | 17.VII.2017 |
| 1130 | 15.VIII.2017 | 1.VIII.2017 |
| 1131 | 1.IX.2017 | 16.VIII.2017 |
| 1132 | 15.IX.2017 | 1.IX.2017 |
| 1133 | 1.X.2017 | 15.IX.2017 |
| 1134 | 15.X.2017 | 29.IX.2017 |
| 1135 | 1.XI.2017 | 16.X.2017 |
| 1136 | 15.XI.2017 | 31.X.2017 |
| 1137 | 1.XII.2017 | 15.XI.2017 |
| 1138 | 15.XII.2017 | 1.XII.2017 |

# 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.

1114     List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU-T E.164 (11/2010)) (Position on 15 December 2016)

1111     Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 1 November 2016)

1109     List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)

1096     Legal time 2016

1088     List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)

1066     List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 December 2014)

1060     List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013) (Position on 15 September 2014)

1055     Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 July 2014)

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

1005     List of mobile country or geographical area codes (Complement to ITU-T Recommendation E.212 (05/2008)) (Position on 1 June 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)

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

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))

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)

955     Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 May 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 (03/2013))          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-03, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

– ITU-T K.20 (12/2016): Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents

– ITU-T K.21 (12/2016): Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents

– ITU-T K.45 (12/2016): Resistibility of telecommunication equipment installed in the access and trunk networks to overvoltages and overcurrents

– ITU-T K.50 (12/2016): Safe limits for operating voltages and currents of telecommunication systems powered over the network

– ITU-T K.52 (12/2016): Guidance on complying with limits for human exposure to electromagnetic fields

– ITU-T K.93 (12/2016): Immunity of home network devices to electromagnetic disturbances

– ITU-T K.117 (12/2016): Primary protector parameters for the surge protection of equipment Ethernet ports

– ITU-T K.118 (12/2016): Requirements for Lightning Protection of Fibre To The distribution point (FTTdp) Equipment

– ITU-T K.119 (12/2016): Conformance Assessment of Radio Base Stations Regarding Lightning Protection and Earthing

– ITU-T K.120 (12/2016): Lightning protection and earthing of miniature base station

– ITU-T K.121 (12/2016): Guidance on the environmental management for compliance with radio Frequency EMF limits for radiocommunication base stations

– ITU-T K.122 (12/2016): Exposure levels in the close proximity of the radiocommunication antennas

– ITU-T K.123 (12/2016): EMC requirements for electrical equipment in telecommunication facilities

– ITU-T K.124 (12/2016): Overview of particle radiation effects on telecommunications systems

– ITU-T L.1006 (12/2016): Test suites for assessment of the external universal power adapter solutions for stationary information and communication technology devices

– ITU-T L.1007 (12/2016): Test suites for assessment of the External universal power adapter solutions for portable information and communication technology devices

– ITU-T L.1205 (12/2016): Interfacing of renewable energy or distributed power sources to up to 400 VDC power feeding systems

– ITU-T L.1325 (12/2016): Green ICT solutions for telecom network facilities

– ITU-T L.1360 (12/2016): Energy control of SDN architecture

– ITU-T L.1504 (12/2016): ICT and adaptation of agriculture to the effects of climate change

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

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

Communication of 4.XII.2016:

The *Superintendencia de Telecomunicaciones (SUTEL),* San José, which under Executive 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 ITU-T E.164 National Numbering Plan (NNP) for country code 506

Table 1 – Description of introduction of new resource 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 ITU-T E.164 Number | Date and time of introduction |
|---|---|---|---|---|
| | Maximum length | Minimum length | | |
| 6400-0000 to 6499-9999 | 8 digits | 8 digits | Mobile telephone service Telefónica de Costa Rica TC, S.A. | 2016 – 11– 02 – 17:15 In conformance with resolution RCS-241-2016 |

Contact:

Ing. Pedro Arce Villalobos
Superintendencia de Telecomunicaciones (SUTEL)
Apartado Postal 151-1200
SAN JOSÉ, Costa Rica
Tel:      +506 4000 0000
Fax:      +506 2215 6821
Email:   pedro.arce@sutel.go.cr
URL:      www.sutel.go.cr

**Trinidad and Tobago (country code +1 868)**

Communication of 7.XII.2016:

The *Telecommunications Authority of Trinidad and Tobago (TATT),* Barataria, announces that the following Central Office codes (NXX) have been assigned to operators within the North American Numbering Plan (NPA – 868) for Trinidad and Tobago.

• Fixed network

| Name of operator | Central office code (NXX) | Service |
|---|---|---|
| Columbus Communications Trinidad Limited | 220<br>227<br>228<br>229 | Fixed |

International dialling format: +1 868 NXX XXXX

Contact:

Ms Cynthia Reddock-Downes
Chief Executive Officer (Ag.)
Telecommunications Authority of Trinidad and Tobago (TATT)
5, Eight Avenue Extension, off Twelfth Street
BARATARIA
Trinidad and Tobago
Tel:       +1 868 675 8288
Fax:      +1 868 674 1055
E-mail:  info@tatt.org.tt
URL:      www.tatt.org.tt

## Service Restrictions

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

| *Country/geographical area* | *OB* |
| --- | --- |
| **Seychelles** | **1006 (p.13)** |
| **Slovakia** | **1007 (p.12)** |
| **Thailand** | **1034 (p.5)** |
| **São Tomé and Principe** | **1039 (p.14)** |
| **Uruguay** | **1039 (p.14)** |
| **Hong Kong, China** | **1068 (p.4)** |

## 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 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 14)

**Sweden   LIR**

| Country/ geographical area | Company Name/Address | Issuer Identifier Number | Contact |
|---|---|---|---|
| Sweden | Com4 Sweden AB c/o Adv. Firman Lindberg & Saxon AB Cardellgatan 1 SE-114 36 STOCKHOLM | **89 46 09** | Mr Henning Solberg Com4 Sweden AB c/o Adv. Firman Lindberg & Saxon AB Cardellgatan 1 SE-114 36 STOCKHOLM Tel:      +46 8 5620 8013 E-mail:   hso@com4.se |

| Country/ geographical area | Company Name/Address | Issuer Identifier Number | Contact |
|---|---|---|---|
| Sweden | Tele2 Business AB Box 799 SE-191 27 SOLLENTUNA | **89 46 14** | Mr Carl-Johan Rydén Tele2 Business AB Box 799 SE-191 27 SOLLENTUNA Tel:      +46 70 426 41 33 E-mail:   carljohan.ryden@tele2.com |

| Country/ geographical area | Company Name/Address | Issuer Identifier Number | Contact |
|---|---|---|---|
| Sweden | Com4 Sweden AB c/o Adv. Firman Lindberg & Saxon AB Cardellgatan 1 SE-114 36 STOCKHOLM | **89 883 04** | Mr Henning Solberg Com4 Sweden AB c/o Adv. Firman Lindberg & Saxon AB Cardellgatan 1 SE-114 36 STOCKHOLM Tel:      +46 8 5620 8013 E-mail:   hso@com4.se |

## Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 1st November 2016)

(Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)
(Amendment No.4)

| Country/Geographical area | MCC+MNC * | Operator/Network |
|---|---|---|
| **Sweden LIR** | | |
| | 240 09 | Com4 Sweden AB |
| | 240 14 | Tele2 Business AB |
| **International Mobile, shared code LIR** | | |
| | 901 48 | Com4 Sweden AB |

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\*     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 ITU Carrier Codes (According to Recommendation ITU-T M.1400 (03/2013)) (Position on 15 September 2014)

(Annex to ITU Operational Bulletin No. 1060 – 15.IX.2014)
(Amendment No. 36)

| Country or area/ISO code Company Name/Address | Company Code (carrier code) | Contact |
|---|---|---|
| *Germany (Federal Republic of) / DEU*    **ADD** | | |
| QuaeroSys UG (haftungsbeschraenkt) Nobelstrasse 13a 70569 STUTTGART | **QS** | Mr Johannes Braun Tel:     +49 6044 96698 0 Fax:     +49 6044 96698 100 E-mail:   mail@quaerosys.com |

## List of International Signalling Point Codes (ISPC)
## (According to Recommendation ITU-T Q.708 (03/1999))
## (Position on 1 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 6)

| Country/<br>Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
|---|---|---|---|
| *ISPC* | *DEC* | | |
| **Cyprus** | **ADD** | | |
| 6-231-2 | 14138 | MTNCYMGCF1 | MTN Cyprus Ltd |
| 6-231-3 | 14139 | MTNCYMGCF2 | MTN Cyprus Ltd |
| 6-231-4 | 14140 | MTNCYIMGW1 | MTN Cyprus Ltd |
| 6-231-5 | 14141 | MTNCYIMGW2 | MTN Cyprus Ltd |
| 6-231-6 | 14142 | MTNCYSPS1 | MTN Cyprus Ltd |
| 6-231-7 | 14143 | MTNCYSPS2 | MTN Cyprus Ltd |
| **Hungary** | **ADD** | | |
| 2-032-6 | 4358 | TTI INT 01 | Türk Telekom International HU Ltd. |
| 6-251-6 | 14302 | TTI INT 02 | Türk Telekom International HU Ltd. |
| **Spain** | **SUP** | | |
| 2-027-1 | 4313 | Zamudio (Vizcaya) | Euskaltel, S.A. |
| 2-027-2 | 4314 | Vitoria (Álava) | Euskaltel, S.A. |
| 2-027-3 | 4315 | Miramón-PTS | Euskaltel, S.A. |
| 2-027-4 | 4316 | Zamudio-PTS | Euskaltel, S.A. |
| 2-028-0 | 4320 | Jundiz-Central | Euskaltel, S.A. |
| 2-031-6 | 4350 | Jundiz (Alava) | Euskaltel, S.A. |
| 7-241-5 | 16269 | Jundiz (Alava) | Euskaltel, S.A. |
| 7-241-6 | 16270 | Zamudio (Vizcaya) | Euskaltel, S.A. |
| **Spain** | **ADD** | | |
| 2-241-5 | 6029 | Manresa | ALTA TECNOLOGIA EN COMUNICACIONS, S.L. |
| **Sweden** | **LIR** | | |
| 2-081-5 | 4749 | SNVH1-INT (Stockholm) | Tele2 Business AB |
| 2-081-6 | 4750 | SNKT1-INT (Stockholm) | Tele2 Business 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 Recommendation ITU-T E.129 (01/2013))

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.XII.2016 the following countries have updated their national numbering plan on our site:

| Country | Country Code (CC) |
|---|---|
| Kenya | +254 |
| Guinea-Bissau | +245 |