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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| Place des Nations CH-1211  Genève 20 (Switzerland)  Tel: +41 22 730 5111  **E-mail: itumail@itu.int** | | **Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail: brmail@itu.int** |

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| --- | --- | --- |
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| 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 |
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| 1123 | 1.V.2017 | 14.IV.2017 |
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| 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](http://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

Telephone Service  
(Recommendation ITU-T E.164)

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](mailto: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  227  228  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](mailto: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/

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# 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 | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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 Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***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/ 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 |

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

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))

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

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