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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| --- | --- | --- |
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| 1148 | 15.V.2018 | 1.V.2018 |
| 1149 | 1.VI.2018 | 16.V.2018 |
| 1150 | 15.VI.2018 | 1.VI.2018 |
| 1151 | 1.VII.2018 | 15.VI.2018 |
| 1152 | 15.VII.2018 | 29.VI.2018 |
| 1153 | 1.VIII.2018 | 17.VII.2018 |
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| 1155 | 1.IX.2018 | 16.VIII.2018 |
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| 1161 | 1.XII.2018 | 15.XI.2018 |
| 1162 | 15.XII.2018 | 30.XI.2018 |

# 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.

1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (Position on 1 June 2017)

1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)

1117 List of mobile country or geographical area codes (Complement to Recommendation ITU‑T E.212 (09/2016)) (Position on 1 February 2017).

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)

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)

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)

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-32, 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 F.930 (03/2018): Multimedia telecommunication relay services

– ITU-T G.650.1 (03/2018): Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable

– ITU-T G.698.4 (03/2018): Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces

– ITU-T G.808 (2016) Amd. 1 (03/2018)

– ITU-T G.993.5 (2015) Cor. 2 (03/2018)

– ITU-T G.994.1 (2017) Amd. 2 (03/2018)

– ITU-T G.997.1 (2016) Cor. 1 (03/2018)

– ITU-T G.997.2 (2015) Cor. 4 (03/2018)

– ITU-T G.998.2 (2005) Cor. 1 (03/2018)

– ITU-T G.7041/Y.1303 (2016) Cor. 1 (03/2018)

– ITU-T G.7701 (2016) Amd. 1 (03/2018)

– ITU-T G.7702 (03/2018): Architecture for SDN control of transport networks

– ITU-T G.7711/Y.1702 (03/2018): Generic protocol-neutral management Information Model for Transport Resources

– ITU-T G.8013/Y.1731 (2015) Cor. 1 (03/2018)

– ITU-T G.8031/Y.1342 (2015) Amd. 1 (03/2018)

– ITU-T G.8051/Y.1345 (03/2018): Management aspects of the Ethernet transport (ET) capable network element

– ITU-T G.8264/Y.1364 (2017) Amd. 1 (03/2018)

– ITU-T G.8266/Y.1376 (2016) Amd. 1 (03/2018)

– ITU-T G.8271/Y.1366 (2017) Amd. 1 (03/2018)

– ITU-T G.8271.1/Y.1366.1 (2017) Amd. 1 (03/2018)

– ITU-T G.8271.2/Y.1366.2 (2017) Amd. 1 (03/2018)

– ITU-T G.8273/Y.1368 (03/2018): Framework of phase and time clocks

– ITU-T G.8275.1/Y.1369.1 (2016) Amd. 2 (03/2018)

– ITU-T G.8275.2/Y.1369.2 (2016) Amd. 2 (03/2018)

– ITU-T G.9958 (03/2018): Generic architecture of home networks for energy management

– ITU-T G.9960 (2015) Cor. 4 (03/2018)

– ITU-T H.861.1 (03/2018): Requirements on establishing brain healthcare quotients

– ITU-T J.207 (03/2018): Specification for integrated broadcast and broadband digital television application control framework

– ITU-T J.297 (03/2018): Requirements and functional specification of cable set-top box for 4K ultra high definition television

– ITU-T J.382 (03/2018): Advanced digital downstream transmission systems for television, sound and data services for cable distribution

– ITU-T J.1107 (03/2018): Architecture and specification for Radio over IP transmission systems

– ITU-T L.108 (03/2018): Optical fibre cable elements for microduct blowing-installation application

– ITU-T L.156 (03/2018): Air-assisted installation of optical fibre cables

– ITU-T L.207 (03/2018): Passive node elements with automated ID tag detection

– ITU-T L.315 (03/2018): Water detection in underground closures for the maintenance of optical fibre cable networks with optical monitoring system

– ITU-T P.862 (2001) Cor. 2 (03/2018)

– ITU-T P.863 (03/2018): Perceptual objective listening quality assessment

Telephone Service  
(Recommendation ITU-T E.164)

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

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

Communication of 27.III.2018:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

• Withdrawal – Fixed communications services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| YouSee A/S | 4841efgh and 4842efgh | 16.III.2018 |

• Assignment – Fixed communications services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of asignment* |
| Belgacom International Carrier Services SA | 7815efgh | 19.II.2018 |
| TDC A/S | 4841efgh and 4842efgh | 16.III.2018 |

• Assignment – Mobile communications services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Uni-tel A/S | 5455efgh | 1.IV.2018 |

• Withdrawal – Premium rate services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| TDC A/S | 9055efgh, 9091efgh, 90501fgh, 90502fgh, 90503fgh, 90504fgh, 90506fgh, 90507fgh, 90508fgh and 90509fgh | 31.III.2018 |

Contact:

Danish Energy Agency  
Amaliegade 44  
1256 COPENHAGEN K  
Denmark  
Tel: +45 33 92 67 00   
Fax: +45 33 11 47 43  
E-mail: ens@ens.dk   
URL: www.ens.dk

Other communications

**Austria**

Communication of 20.III.2018:

On the occasion of a special workshop held in an Austrian school, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE6PUPIL** on 9 May 2018.

Communication of 27.III.2018:

On the occasion of the “International World Red Cross Day”, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE18WRCD** on 8 May 2018.

**Serbia**

Communication of 23.III. 2018:

On the occasion of the 73rd anniversary of the Victory Day “Dan Pobede”, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT73DP** from 1to 9 May 2018.

In remembrance of the tragic death of military pilot Major Goran Savic, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT44GS** from 20 to 30 September 2018.

On the occasion of the International Civil Aviation Day (7th December) and in remembrance of the foundation of the Air transportation Society “AEROPUT”, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT27AP** from 5 to 12 December 2018.

On the occasion of the 2018 FIFA World Cup in Russia, the Serbian Administration authorizes radio stations of the Amateur Radio Union of Serbia to use the special call sign **YU18FWC** from 1 June to 15 July 2018.

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) |  |  |
| Malaysia | 1013 (p.5) |  |  |
| 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) |  |  |  |

|  |  |  |
| --- | --- | --- |
| |  | | --- | | 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.34) | |  |
|  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Chile ADD** |  |  | | 730 22 | CELLPLUS SPA | | 730 23 | CLARO SERVICIOS EMPRESARIALES S.A. | | **France SUP** |  |  | | 208 12 | Hewlett-Packard France | | 208 18 | Voxbone | | 208 23 | Omea Telecom | | 208 29 | Cubic Telecom France | | 208 90 | Images & Réseaux | | 208 92 | Plate-forme telecom | | **France ADD** |  |  | | 208 19 | Altitude Infrastructure | | 208 32 | Orange | | 208 86 | Nomotech | | 208 87 | Régie Autonome des Transports Parisiens | | 208 89 | Fondation b-com | | 208 93 | Thales communications & Security | | 208 95 | Orange | | 208 96 | Axione | | 208 97 | Thales communications & Security | | 208 98 | Société Air France |  |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **France LIR** |  |  | | 208 08 | Société Française du Radiotéléphone | | 208 09 | Société Française du Radiotéléphone | | 208 11 | Société Française du Radiotéléphone | | 208 13 | Société Française du Radiotéléphone | | 208 27 | Coriolis Telecom | | 208 30 | Syma Mobile | | 208 31 | Vectone Mobile | | **French Departments and Territories in the Indian Ocean ADD** |  |  | | 647 03 | Telco OI | | 647 04 | Zeop Mobile | | **French Departments and Territories in the Indian Ocean LIR** |  |  | | 647 00 | Orange | | **Guadeloupe ADD** |  |  | | 340 09 | Free Caraïbe | | **Guadeloupe LIR** |  |  | | 340 20 | Digicel Antilles Françaises Guyane | | **Portugal LIR** |  |  | | 268 12 | Infraestruturas de Portugal, S.A. | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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 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. 39)

**Japan ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Japan | **LTE-X, Inc.**  5F Tennozu Yusen Bldg.  2-2-20 Higashi Shinagawa,  Shinagawa-ku,  TOKYO | **89 81 06** | Mr Yoshihisa Ito  LTE-X, Inc.  5F Tennozu Yusen Bldg.  2-2-20 Higashi Shinagawa,  Shinagawa-ku,  TOKYO  Tel: +81 3 4405 5000  E-mail: info@lte-x.co.jp | 1.V.2018 |

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. 34)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Portugal LIR** | | | |
| 2-139-7 | 5215 | IP (RTINT1) LISBOA-GARE DO ORIENTE | Infraestruturas de Portugal, S.A. |
| **Sweden ADD** | | | |
| 7-207-5 | 15997 | BSG-SMSC | BSG Estonia OÜ |

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

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 15.III.2018, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Armenia | +374 |
| Burkina Faso | +226 |
| Ghana | +233 |