|  |  |  |  |
| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| *Dates of publication of the next Operational Bulletins* | | *Including information received by:* |
| --- | --- | --- |
| 1178 | 15.VIII.2019 | 31.VII.2019 |
| 1179 | 1.IX.2019 | 16.VIII.2019 |
| 1180 | 15.IX.2019 | 30.VIII.2019 |
| 1181 | 1.X.2019 | 16.IX.2019 |
| 1182 | 15.X.2019 | 1.X.2019 |
| 1183 | 1.XI.2019 | 15.X.2019 |
| 1184 | 15.XI.2019 | 1.XI.2019 |
| 1185 | 1.XII.2019 | 15.XI.2019 |
| 1186 | 15.XII.2019 | 2.XII.2019 |

# 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.

1162 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 15 December 2018)

1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)

1154 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 August 2018)

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)

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

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

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-62, 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 H.265 (V6) (06/2019): High efficiency video coding

– ITU-T K.20 (07/2019): Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents

– ITU-T K.21 (07/2019): Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents

– ITU-T K.77 (07/2019): Characteristics of metal oxide varistors for the protection of telecommunication installations

– ITU-T K.100 (07/2019): Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service

– ITU-T K.112 (07/2019): Lightning protection, earthing and bonding: Practical procedures for radio base stations

– ITU-T K.116 (07/2019): Electromagnetic compatibility requirements and test methods for radio telecommunication terminal equipment

– ITU-T K.123 (07/2019): Electromagnetic compatibility requirements for electrical equipment in telecommunication facilities

– ITU-T K.140 (07/2019)

– ITU-T K.141 (07/2019): Electromagnetic compatibility requirements for information perception equipment

– ITU-T L.1000 (07/2019): Universal power adapter and charger solution for mobile terminals and other hand-held ICT devices

– ITU-T L.1507 (07/2019): Use of ICT sites to support environmental sensing

– ITU-T T.832 (V4) (06/2019): Information technology - JPEG XR image coding system - Image coding specification

– ITU-T Y.4051 (07/2019): Vocabulary for smart cities and communities

– ITU-T Y.4906 (07/2019): Assessment framework for digital transformation of sectors in smart cities

Telephone Service  
(Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communications of 16.VII.2019 and 17.VII.2019:

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

* Assignment – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Telenor Connexion AB | 597defgh and 598defgh | 9.VII.2019 |

* Assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Ipnordic A/S | 73111fgh | 10.VII.2019 |

* Assignment – 4-digit service number

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Ipvision A/S | 1819 | 12.VII.2019 |

Contact:

Danish Energy Agency

43 Carsten Niebuhrs Gade

1577 COPENHAGEN V

Denmark  
Tel: +45 33 92 67 00   
Fax: +45 33 11 47 43  
E-mail: ens@ens.dk   
URL: www.ens.dk

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)** |  |  |
| **Ukraine** | **1148 (p.5)** |  |  |

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 Recommendation ITU-T E.118 (05/2006))  
(Position on 1 December 2018)

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)  
(Amendment No. 14)

**United Kingdom ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date  of usage* |
| United Kingdom | **Wavecrest Networks Ltd**  4-12 Norton Folgate  LONDON E1 6DB | **89 44 48** | Rhys Williams  4-12 Norton Folgate  LONDON E1 6DB  Tel.: +44 207 097 4000  Fax : +44 207 097 4001  E-mail: rhys.williams@wavecrest.eu | 1.VII.2019 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date  of usage* |
| United Kingdom | **Bluewave Communications Limited**  Unit 6, Tower House  DOUGLAS,  ISLE OF MAN IM1 2EZ | **89 44 49** | Martin John  Unit 6, Tower House  DOUGLAS, ISLE OF MAN IM1 2EZ  Tel.: +44 113 320 3040  E-mail: martin.john@bwc.im | 1.VIII.2019 |

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 15 December 2018)

(Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)

(Amendment No.13)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Georgia ADD** |  |  |
| 282 13 | "Asanet" LTD |
| **Spain ADD** |  |  |
| 214 23 | Xfera Móviles, S.A.U. |
| 214 38 | Telefónica Móviles España, SAU |

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

\*        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. 82)

| ***Country or area/ISO code*** | ***Company Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***Germany (Federal Republic of) / DEU* ADD**

|  |  |  |
| --- | --- | --- |
| IDKOM Networks GmbH  Dieselstrasse 1  D-87437 KEMPTEN | **IDKOM** | Mr. Markus Trinler  Tel.: +49 831 59090 200  Fax: +49 831 59090 494  Email: portierung@idkom.de |

|  |  |  |
| --- | --- | --- |
| Media Sachsenwald GmbH  Hermann-Koerner-Strasse 61-63  D-21465 REINBEK | **MSWG** | Mr. Matthias Schubert  Tel.: +49 4541 807 171  Fax: +49 4541 807 77171  Email: schubert@media-sachsenwald.de |

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. 60)

| Country/ Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
| --- | --- | --- | --- |
| ISPC | DEC |
| **Panama ADD** | | | |
| 7-031-5 | 14589 | ITP Internacional | Digicel (Panama), S.A. |
| **United Kingdom SUP** | | | |
| 2-167-3 | 5435 | SU\_UK1 | SuperLINE Telecommunications Ltd |
| 2-167-4 | 5436 | SU\_UK2 | SuperLINE Telecommunications Ltd |
| 2-188-4 | 5604 | LDNSTP1 | SMSRelay AG |
| 2-188-5 | 5605 | LDNSTP2 | SMSRelay AG |
| 2-188-6 | 5606 | MSC1 | SMSRelay AG |
| 5-227-4 | 12060 | Croydon 1 | SOS Technology Limited |
| **United Kingdom ADD** | | | |
| 2-179-5 | 5533 | JALSTP1 | Jersey Airtel Limited |
| 2-185-5 | 5581 | JALSTP2 | Jersey Airtel Limited |
| 2-187-1 | 5593 | MSSGU | Jersey Airtel Limited |
| 2-190-1 | 5617 | GC-UK-STP-01 | MTN GlobalConnect Solutions Limited |
| **United Kingdom LIR** | | | |
| 2-071-2 | 4666 | Arun | VODAFONE LIMITED |
| 2-071-3 | 4667 | Bollin | VODAFONE LIMITED |
| 2-154-5 | 5333 | Slough VOIP1 | CenturyLink Communications UK Limited |
| 2-154-6 | 5334 | Docklands VOIP 1 | CenturyLink Communications UK Limited |
| 2-155-3 | 5339 | KJCOPM01 | Colt Technology Services Ltd |
| 2-155-4 | 5340 | GC Slough 1 | CenturyLink Communications UK Limited |
| 2-162-2 | 5394 | Poplar Business Park Local | Colt Technology Services Ltd |
| 2-162-3 | 5395 | CLTLN9P0 | Colt Technology Services Ltd |
| 2-165-0 | 5416 | GC Birmingham | CenturyLink Communications UK Limited |
| 2-165-3 | 5419 | London 2 | PCCW Global UK Limited |
| 2-165-7 | 5423 | Kg John Carrier 1 | Colt Technology Services Ltd |
| 2-166-1 | 5425 | Slough | CenturyLink Communications UK Limited |
| 2-166-2 | 5426 | BHXGSX1 | Colt Technology Services Ltd |
| 2-167-0 | 5432 | BMSTP | SKD 4 Limited |
| 2-169-7 | 5455 | STPCY1 | VODAFONE LIMITED |
| 2-170-6 | 5462 | King Johns Local | Colt Technology Services Ltd |
| 2-174-0 | 5488 | Kg John Carrier 2 | Colt Technology Services Ltd |
| 2-174-5 | 5493 | STPER1 | VODAFONE LIMITED |
| 2-175-6 | 5502 | Switch 1 - Goswell1 | CenturyLink Communications UK Limited |
| 2-175-7 | 5503 | STPGL1 | VODAFONE LIMITED |
| 2-176-4 | 5508 | UK2 | SKD 4 Limited |
| 2-176-7 | 5511 | STPSN1 | VODAFONE LIMITED |
| 2-177-1 | 5513 | STPRM1 | VODAFONE LIMITED |
| 2-177-6 | 5518 | STPOM1 | VODAFONE LIMITED |
| 2-178-0 | 5520 | STPPH1 | VODAFONE LIMITED |
| 2-178-5 | 5525 | Paul Street DMS | CenturyLink Communications UK Limited |
| 2-179-2 | 5530 | STPPH2 | VODAFONE LIMITED |
| 2-185-0 | 5576 | Marylebone | Colt Technology Services Ltd |
| 2-190-6 | 5622 | Bishopsgate | Colt Technology Services Ltd |
| 2-190-7 | 5623 | City | Colt Technology Services Ltd |
| 2-191-3 | 5627 | Switch 2 – Goswell 2 | CenturyLink Communications UK Limited |
| 2-191-4 | 5628 | ipLCR Leman | CenturyLink Communications UK Limited |
| 2-210-5 | 5781 | ipLCR Poplar | CenturyLink Communications UK Limited |
| 2-210-7 | 5783 | Fleet | VODAFONE LIMITED |
| 2-211-0 | 5784 | BM1 | Colt Technology Services Ltd |
| 2-211-3 | 5787 | Chet | VODAFONE LIMITED |
| 4-240-6 | 10118 | Switch 3 – Docklands 2 | CenturyLink Communications UK Limited |
| 4-247-6 | 10174 | Lovat | VODAFONE LIMITED |
| 4-253-2 | 10218 | Colne | VODAFONE LIMITED |
| 4-255-0 | 10232 | Beult | VODAFONE LIMITED |
| 5-226-4 | 12052 | Lostock | VODAFONE LIMITED |
| 5-226-6 | 12054 | Trent | VODAFONE LIMITED |
| 5-226-7 | 12055 | SGWLD2 | VODAFONE LIMITED |
| 6-252-7 | 14311 | LONDON1 | PCCW Global UK Limited |
| 7-224-0 | 16128 | SGWOM2 | VODAFONE LIMITED |
| 7-243-2 | 16282 | SGWBE1 | VODAFONE LIMITED |
| 7-243-3 | 16283 | SGWKS1 | VODAFONE LIMITED |
| 7-243-4 | 16284 | SGWGL1 | VODAFONE LIMITED |
| 7-243-5 | 16285 | SGWMS1 | VODAFONE LIMITED |
| 7-251-5 | 16349 | Meon | VODAFONE LIMITED |
| 7-251-6 | 16350 | Rea | VODAFONE LIMITED |
| 7-253-2 | 16362 | Severn | VODAFONE LIMITED |

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

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.VII.2019, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Trinidad and Tobago | +1 868 |
| Jamaica | +1 876 / +1 658 |
| Israel | +972 |