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| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1160** | 15.XI.2018 | (Information received by 1 November 2018) ISSN 1564-5223 (Online) | |
| 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**](mailto:brmail@itu.int) |

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| --- | --- | --- |
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| 1162 | 15.XII.2018 | 30.XI.2018 |
| 1163 | 1.I.2019 | 12.XII.2018 |
| 1164 | 15.I.2019 | 31.XII.2018 |
| 1165 | 1.II.2019 | 15.I.2019 |
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| 1170 | 15.IV.2019 | 1.IV.2019 |
| 1171 | 1.V.2019 | 12.IV.2019 |
| 1172 | 15.V.2019 | 26.IV.2019 |
| 1173 | 1.VI.2019 | 15.V.2019 |
| 1174 | 15.VI.2019 | 31.V.2019 |
| 1175 | 1.VII.2019 | 14.VI.2019 |
| 1176 | 15.VII.2019 | 28.VI.2019 |
| 1177 | 1.VIII.2019 | 15.VII.2019 |
| 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.

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)

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)

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-46, 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 (10/2018): Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents

– ITU-T K.21 (10/2018): Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents

– ITU-T K.44 (10/2018): Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents – Basic Recommendation

Telephone Service  
(Recommendation ITU-T E.164)

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

**Liberia (country code +231)**

Communication of 31.X.2018:

The *Liberia Telecommunications* *Authority (LTA)*, Monrovia, announces updates to the national numbering plan for Liberia.

Liberia Telecommunications Corporation's (LIBTELCO) number block (20) XXX XXXX has been deactivated.

Liberia uses a closed number scheme.

The updated national numbering plan is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Operator** | **Numbering series** | **Usage of  ITU-T E.164 number** | **Max. Length** | **Min.  Length** |
| Novafone | (55) 5XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 0XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 5XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 6XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 7XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 8XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 9XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 0XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 6XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 8XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 1XX XXXX | Mobile | 9 | 9 |
| West Africa Telecoms Incorporated (WAT) | (33) 0XX XXXX | Fixed Wireless | 9 | 9 |
| Atlantic Reality & Investment Corporation | (33) 202 XXXX | Premium rate services | 9 | 9 |
| K-Tel Enterprise | (33) 23X XXXX | Premium rate services | 9 | 9 |
| K-Tel Enterprise | (33) 24X XXXX | Premium rate services | 9 | 9 |
| K3-Telecoms Liberia Incorporated | (33) 333 XXXX | Fixed | 9 | 9 |

Contact:

Liberia Telecommunications Authority (LTA)

Building # D-168

Congotown Back Road

1000 MONROVIA

Liberia

Email: info@lta.gov.lr

URL: www.lta.gov.lr

#### **Vanuatu (country code +678)**

Communication of 26.X.2018:

The *Telecommunications, Radiocommunication and Broadcasting Regulator*, Port-Vila, announces the introduction of new Fixed (non-geographic) number ranges as follows in the Vanuatu National Numbering Plan:

*Description of introduction of new resource for  
national E.164 numbering plan for country code 678:*

| *NDC (national destination code) or leading digits of N(S)N (national (significant) number)* | *N(S)N number length* | | *Usage of E.164 number* | *Time and date of introduction* |
| --- | --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 340xx – 349xx | Five | Five | Fixed – Non Geographical  assigned to Digicel (Vanuatu) Limited | 3 November 2018 |

Contact:

Ms Dalsie Baniala

Telecommunications, Radiocommunication and Broadcasting Regulator

P.O. Box 3547

PORT-VILA

Vanuatu

Tel: +678 27621

Fax: +678 27440

E-mail: enquiries@trbr.vu

URL: www.trbr.vu

Other communication

**Austria**

Communication of 24.X.2018:

On the occasion of the 120th anniversary of “Ship-to-Ship-Radiocommunication” in Austria, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE120MF** from 21 to 23 December 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) |  |  |
| 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/

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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 Recommendation ITU-T E.118 (05/2006))  
(Position on 15 November 2015)**

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)  
(Amendment No. 51)

**Austria LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Austria | **Hutchison Drei Austria GmbH**  Brünner Straße 52  A-1210 WIEN | **89 43 05** | Dr Natalie Ségur-Cabanac  Brünner Straße 52  A-1210 WIEN  Tel: +43 5066063202  E-mail: natalie.segur-cabanac@drei.com |
| Austria | **T Mobile Austria GmbH**  Rennweg 97-99  A-1030 WIEN | **89 43 03** | Mag. Anja Tretbar-Bustorf  Rennweg 97-99  A-1030 WIEN  Tel: +43 676 8200 6135  Fax: +43 1 79585 96135  E-mail: anja.tretbar-bustorf@t-mobile.at |
| Austria | **T Mobile Austria GmbH**  Rennweg 97-99  A-1030 WIEN | **89 43 07** | Mag. Anja Tretbar-Bustorf  Rennweg 97-99  A-1030 WIEN  Tel: +43 676 8200 6135  Fax: +43 1 79585 96135  E-mail: anja.tretbar-bustorf@t-mobile.at |
| Austria | **T Mobile Austria GmbH**  Rennweg 97-99  A-1030 WIEN | **89 43 13** | Mag. Anja Tretbar-Bustorf  Rennweg 97-99  A-1030 WIEN  Tel: +43 676 8200 6135  Fax: +43 1 79585 96135  E-mail: anja.tretbar-bustorf@t-mobile.at |

**Belgium ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Belgium | **NETHYS**  Rue de Louvrex 5  4000 LIEGE | **89 32 05** | France Vandermeulen  Avenue Ariane 5  1200 BRUXELLES  Tel: +32 496 59 82 82  E-mail: france.vandermeulen@staff.voo.be | 1.VI.2018 |

**Germany ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Germany | **Giesecke+Devrient Mobile Security GmbH**  Prinzregentenstr. 159  81677 MUENCHEN | **89 49 38** | Daniel Daksiewicz  Prinzregentenstr. 159  81677 MUENCHEN  Tel: +49 89 4119 0  E-mail: daniel.daksiewicz@gi-de.com | 1.I.2019 |

**Japan ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Japan | **Marubeni Wireless Communications Inc.**  1-17-18, Shinkawa,  Chuo-ku, TOKYO 1040033 | **89 81 08** | Koichi Nogami  1-17-18, Shinkawa, Chuo-ku,  TOKYO 1040033  Tel: +81 3 5117 2031  Fax: +81 3 3206 1150  E-mail: nogami.koichi@marubeni-wireless.com | 1.I.2019 |

**Malaysia SUP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of cancellation* |
| Malaysia | **webe digital sdn bhd**  159 Jalan Templer  46050 PETALING JAYA, SELANGOR | **89 60 30** | Muhamad Hafiz Bin Senin  Regulatory Department, Level 8,  159 Jalan Templer  46050 PETALING JAYA, SELANGOR  Tel: +60 11 1000 2000  E-mail: muhamad.hafiz@webe.com.my | 5.X.2018 |

**United Kingdom LIR**

| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| --- | --- | --- | --- |
| United Kingdom | **Arm**  110 Fulbourn Road  Cambridge, UK  CB1 9NJ | **89 44 45** | Patrick Biget  Arm  6 Avenue Gustave Eiffel  78180 Montigny-le-Bretonneux  France  Tel: +33 6 62 51 55 01  E-mail: patrick.biget@arm.com |

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | |  | | --- | | **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.47) | |  |
|  |  |  |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Estonia ADD** |  |  | | 248 15 | Premium Net International S.R.L. Eesti filiaal | | **Sweden ADD** |  |  | | 240 34 | Trafikverket centralfunktion IT | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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. 70)

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

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

|  |  |  |
| --- | --- | --- |
| autphone GmbH  Herzog-Albrecht-Strasse 11  94544 HOFKIRCHEN | **AUT430** | Tomislav Mrksa  Tel.: +49 8545 233 99 00  Fax: +49 8545 233 99 09  E-mail: tomislav.mrksa@autphone.com |

|  |  |  |
| --- | --- | --- |
| Euralink  Pappelallee 78/79  10437 BERLIN | **EURAL** | Mr Tim Steinmann  Tel.: +49 30 3187 9580 0  Fax: +49 30 3187 9580 9  E-mail: porting@eura.link |

|  |  |  |
| --- | --- | --- |
| Stadtwerke Schorndorf GmbH  Augustenstr. 7  73614 SCHORNDORF | **SW1912** | Mr Matthias Pickel  Tel.: +49 7181 96450 500  Fax: +49 7181 96450 191  E-mail: matthias.pickel@stadtwerke-schorndorf.de |

|  |  |  |
| --- | --- | --- |
| telenetwork AG  Am Wissenschaftspark 13  54296 TRIER | **TNWAG** | Mr Peter Schoemer  Tel.: +49 651 93779 0  Fax: +49 651 93779 799  E-mail: peter.schoemer@telenetwork.de |

|  |  |  |
| --- | --- | --- |
| Via-Vox GmbH  Friedrich-Ebert-Anlage 36  60325 FRANKFURT | **VIAVOX** | Mr Yorck Mothes  Tel.: +49 2058 788018  Fax: +49 2058 788012  E-mail: y.mothes@s-c-international.de |

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

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Botswana | +267 |