|  |  |  |  |
| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1149** | 1.VI.2018 | (Information received by 16 May 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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| *Dates of publication of the next Operational Bulletins* | | *Including information received by:* |
| --- | --- | --- |
| 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 |
| 1154 | 15.VIII.2018 | 1.VIII.2018 |
| 1155 | 1.IX.2018 | 16.VIII.2018 |
| 1156 | 15.IX.2018 | 31.VIII.2018 |
| 1157 | 1.X.2018 | 14.IX.2018 |
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| 1160 | 15.XI.2018 | 1.XI.2018 |
| 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-35, 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 G.984.5 (2014) Amd. 1 (05/2018)

– ITU-T G.993.2 (2015) Amd. 4 (05/2018)

– ITU-T L.1207 (05/2018): Progressive migration of a telecommunication/information and communication technology site to 400 VDC sources and distribution

– ITU-T L.1222 (05/2018): Innovative energy storage technology for stationary use - Part 3: Supercapacitor technology

– ITU-T X.680 (2015) Cor. 3 (05/2018)

– ITU-T X.680 (2015) Amd. 1 (05/2018)

– ITU-T X.681 (2015) Cor. 1 (05/2018)

– ITU-T X.682 (2015) Cor. 2 (05/2018)

– ITU-T X.683 (2015) Cor. 1 (05/2018)

– ITU-T X.696 (2015) Cor. 3 (05/2018)

– ITU-T X.1041 (05/2018): Security framework for voice-over-long-term-evolution (VoLTE) network operation

– ITU-T X.1080.1 (05/2018): e-Health and world-wide telemedicines - Generic telecommunication protocol

– ITU-T X.1276 (05/2018): Authentication Step-Up Protocol and Metadata Version 1.0

– ITU-T Y.3601 (05/2018): Big data - framework and requirements for data exchange

Telephone Service  
(Recommendation ITU-T E.164)

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

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

Communication of 4.V.2018:

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

• Assignment – Mobile communications services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Telenor Connexion AB | 4745efgh, 4746efgh, 4748efgh, 4749efgh and 4948efgh | 24.IV.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

**Myanmar** **(country code +95)**

Communication of 11.V.2018:

The *Ministry of Transport and Communications*, Nay Pyi Taw, announces that the following updated numbering scheme has been added to the national numbering plan of Myanmar:

**AUTO EXCHANGE NUMBERING (Geographic)**

| ***Sr  No.*** | **Area Code** | **Number series** | **Area** | **Digit Length  (including area code)** | **Licensee** |
| --- | --- | --- | --- | --- | --- |
| *1* | 1 | 424 xxxx | Yangon | 8 | Fortune International Limited |
| *2* | 1 | 429 xxxx | Yangon | 8 | Horizon Telecom International Limited |
| *3* | 1 | 462 xxxx | Yangon | 8 | Golden TMH Telecom Co.,Ltd |
| *4* | 1 | 465 xxxx | Yangon | 8 | AGB Communication Co.,Ltd |
| *5* | 1 | 468 xxxx | Yangon | 8 | VoIP Myanmar Group Co.,Ltd |
| *6* | 1 | 470 xxxx | Yangon | 8 | Telecom International Myanmar Co.,Ltd |
| *7* | 2 | 422 xxxx | Mandalay | 8 | Myanmar APN Co.,Ltd |
| *8* | 2 | 424 xxxx | Mandalay | 8 | Fortune International Limited |
| *9* | 2 | 462 xxxx | Mandalay | 8 | Golden TMH Telecom Co.,Ltd |
| *10* | 2 | 468 xxxx | Mandalay | 8 | VoIP Myanmar Group Co.,Ltd |
| *11* | 2 | 470 xxxx | Mandalay | 8 | Telecom International Myanmar Co.,Ltd |
| *12* | 42 | 480 xxxx | Pathein | 9 | Telecom International Myanmar Co.,Ltd |
| *13* | 43 | 470 xxxx | Sittwe | 9 | Telecom International Myanmar Co.,Ltd |
| *14* | 45 | 470 xxxx | Pyapon | 9 | Telecom International Myanmar Co.,Ltd |
| *15* | 52 | 470 xxxx | Bago | 9 | Telecom International Myanmar Co.,Ltd |
| *16* | 54 | 470 xxxx | taungoo | 9 | Telecom International Myanmar Co.,Ltd |
| *17* | 57 | 480 xxxx | Mawlamyine / Thanbyuzayat | 9 | Telecom International Myanmar Co.,Ltd |
| *18* | 58 | 470 xxxx | Hpa-An | 9 | Telecom International Myanmar Co.,Ltd |
| *19* | 59 | 470 xxxx | Dawei | 9 | Telecom International Myanmar Co.,Ltd |
| *20* | 63 | 470 xxxx | Magway | 9 | Telecom International Myanmar Co.,Ltd |
| *21* | 67 | 460 xxxx | Naypyitaw | 9 | Myanmar APN Co.,Ltd |
| *22* | 67 | 470 xxxx | Naypyitaw | 9 | Telecom International Myanmar Co.,Ltd |
| *23* | 70 | 470 xxxx | Hakha | 9 | Telecom International Myanmar Co.,Ltd |
| *24* | 71 | 470 xxxx | Monywa | 9 | Telecom International Myanmar Co.,Ltd |
| *25* | 74 | 470 xxxx | Myitkyinar /  Bahmaw | 9 | Telecom International Myanmar Co.,Ltd |
| *26* | 75 | 470 xxxx | Shwebo | 9 | Telecom International Myanmar Co.,Ltd |
| *27* | 81 | 470 xxxx | Taunggyi | 9 | Telecom International Myanmar Co.,Ltd |
| *28* | 83 | 470 xxxx | Loikaw | 9 | Telecom International Myanmar Co.,Ltd |

**Non-Geographic Number**

| ***Sr  No.*** | **Area Code** | **Number series** | **Area** | **Digit Length  (including area code)** | **Licensee** |
| --- | --- | --- | --- | --- | --- |
| *1* | 11 | 5000 xxxx | non-geographic | 10 | Shwe Than Lwin Medis Co.,Ltd |

**Mobile Numbering**

| ***Sr  No.*** | **Area Code** | **Number series** | **System** | **Digit Length  (including area code)** | **Operator** |
| --- | --- | --- | --- | --- | --- |
| *1* | 9 | 75 (0~2)xx - xxxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |

**Tollfree Number**

| ***Sr  No.*** | **Area Code** | **Number series** | **Area** | **Digit Length  (including area code)** | **Licensee** |
| --- | --- | --- | --- | --- | --- |
| *1* | 800 | 800 (1~9) xxx | non-geographic | 10 | Myanma Posts and Telecommunications |
| *2* | 800 | 801 (1~9) xxx | non-geographic | 10 | Ooredoo Myanmar Limited |

Contact:

Ministry of Transport and Communications  
Posts and Telecommunications Department (PTD)  
Building No. 2,  
NAY PYI TAW   
Myanmar  
Tel: +95 67 407 225  
Fax: +95 67 407 216  
E-mail: dg.ptd@mptmail.net.mm

Other communication

**Secretary-General of ITU**

Following the inquiry of the Administration of Serbia of 16 March 2018 regarding the use of Call Sign Series Z6 by amateur radio stations of Kosovo\*, I would like to provide the following statement:

Pursuant to Article 19 of the Radio Regulations, notably its provisions Nos. **19.28B** and **19.33**, the management of international series of call signs is a prerogative of ITU. Call sign series can be allocated only to the administrations of the ITU Member States by world radiocommunication conferences or, between radiocommunication conferences, by the ITU Secretary-General. In this respect, the attention of the ITU administrations is drawn to the fact that ITU has not allocated call sign series Z6 to any of its Member States. Consequently, the utilization of call signs series Z6 by any entity without a formal allocation and consent of the ITU represents an unauthorized and illegal usage of this international numbering resource.

\* This designation is without prejudice to position on status, and is in line with UNSCR 1244 and the ICJ opinion on Kosovo declaration of independence.

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 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)  
(Amendment No. 42)

**Netherlands ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Netherlands | **Wyless Nederlands B.V.**  Tjaskermolenlaan 1-7  3447GE WOERDEN | **89 31 32** | Mr Ward Mertens  Wyless Nederlands B.V.  Tjaskermolenlaan 1-7  3447GE WOERDEN  Tel: +31 88 74 64 626  E-mail: wmertens@korewireless.com | 16.IV.2018 |
| Netherlands | **Greenet Netwerk B.V.**  Maanlander 47, 3824 MN  AMERSFOORT | **89 31 11** | Mr Bart Heinink  Greenet Netwerk B.V.  Maanlander 47, 3824 MN  AMERSFOORT  Tel: +31 628908201  E-mail: bart@greenet.nl | 21.V.2018 |

**United States ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| United States | **OptimERA Inc.**  132 Loop Road  UNALASKA  AK 99685 | **89 1 049** | Mr Jester Purtteman  OptimERA Inc.  P.O. Box 921134  DUTCH HARBOR  AK 99692  Tel: +1 907 581 4983  E-mail: jester@optimerawifi.com | 7.V.2018 |
| United States | **Dish Network**  9601 South Meridian Boulevard  ENGLEWOOD, CO 80112 | **89 1 051** | Siddhartha Chenumolu  Dish Network  1110 Vermont Avenue NW  Suite 750  WASHINGTON DC 20005  Tel: +1 303 723 3714  E-mail: siddhartha.chenumolu@dish.com | 1.VI.2018 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | | --- | | 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. 37) | |  |
|  |  |  |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Myanmar ADD** |  |  | | 414 20 | Amara Communication Co.,Ltd | | 414 21 | Amara Communication Co.,Ltd | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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. 62)

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

***Switzerland (Confederation of) / CHE* ADD**

|  |  |  |
| --- | --- | --- |
| **Genza SA** | **CH4141** | Efe Demir |
| rue de Lausanne 37 |  | Tel: +90 5322333262 |
| CH-1201 Genève |  | E-mail: ed@genza.ch |

**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. 37)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Hungary SUP** | | | |
| 2-032-3 | 4355 | BP MSTP1 | Magyar Telekom Plc |
| 2-032-4 | 4356 | BP MSTP2 | Magyar Telekom Plc |
| **Kosovo\* ADD** | | | |
| 7-214-7 | 16055 | IMS Severna Mitrovica | mts D.O.O. |
| \* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence. | | | |
| **Spain ADD** | | | |
| 4-235-2 | 10074 | Las Rozas (Madrid) | NVÍA GESTIÓN DE DATOS, S.L. |
| **Switzerland ADD** | | | |
| 2-059-0 | 4568 | Pratteln | Fink Telecom Services |

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

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

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Burundi | +257 |