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| **ITU Operational Bulletinwww.itu.int/itu-t/bulletin** |
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| *Dates of publication of the nextOperational Bulletins* | *Including informationreceived by:* |
| --- | --- |
| 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.

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-18, 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.650.3 (08/2017): Test methods for installed single-mode optical fibre cable links

– ITU-T G.709/Y.1331 (2016) Cor. 1 (08/2017)

– ITU-T G.806 (2012) Cor. 3 (08/2017)

– ITU-T G.811.1 (08/2017): Enhanced Primary Reference Clock

– ITU-T G.874 (08/2017): Management aspects of optical transport network elements

– ITU-T G.987.2 (2016) Amd. 1 (08/2017)

– ITU-T G.989.2 (2014) Amd. 2 (08/2017)

– ITU-T G.997.2 (2015) Cor. 3 (08/2017)

– ITU-T G.998.4 (2015) Cor. 1 (08/2017)

– ITU-T G.7714.1/Y.1705.1 (08/2017): Protocol for automatic discovery in transport networks

– ITU-T G.8032/Y.1344 (2015) Cor. 1 (08/2017)

– ITU-T G.8051/Y.1345 (2015) Amd. 1 (08/2017)

– ITU-T G.8112/Y.1371 (2015) Amd. 1 (08/2017)

– ITU-T G.8113.2/Y.1372.2 (2015) Amd. 1 (08/2017)

– ITU-T G.8121/Y.1381 (2016) Amd. 1 (08/2017)

– ITU-T G.8132/Y.1383 (08/2017): MPLS-TP Ring Protection

– ITU-T G.8151/Y.1374 (08/2017): Management aspects of the MPLS-TP network element

– ITU-T G.8263/Y.1363 (08/2017): Timing characteristics of packet-based equipment clocks

– ITU-T G.8271/Y.1366 (2016) Amd. 1 (08/2017)

– ITU-T G.8271.2/Y.1366.2 (08/2017): Network limits for time synchronization in packet networks with partial timing support from the network

– ITU-T G.8272.1/Y.1367.1 (2016) Amd. 1 (08/2017)

– ITU-T G.8273.2/Y.1368.2 (2017) Amd. 1 (08/2017)

– ITU-T G.8275/Y.1369 (08/2017): Architecture and requirements for packet-based time and phase distribution

– ITU-T G.9807.2 (08/2017): 10 Gigabit-capable symmetric passive optical networks (XGS-PON): Reach extension

– ITU-T G.9903 (08/2017): Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks

– ITU-T G.9961 (2015) Cor. 4 (08/2017)

– ITU-T G.9973 (08/2017): Protocol for identifying home network topology

– ITU-T G.9977 (2016) Cor. 1 (08/2017)

– ITU-T L.110 (08/2017): Optical fibre cables for direct surface application

– ITU-T L.206 (08/2017): Requirements for passive optical nodes: outdoor optical cross connect cabinet

– ITU-T L.404 (08/2017): Field mountable single-mode optical fibre connectors

– ITU-T L.1220 (08/2017): Innovative energy storage technology for stationary use - Part 1: Overview of energy storage

– ITU-T M.3020 (07/2017): Management interface specification methodology

Telephone Service
(Recommendation ITU-T E.164)

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

**Denmark (country code +45)**

Communication of 11.VIII.2017:

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

* assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Supertel A/S | 7872efgh | 1.X.2017 |

* withdrawal – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Jaynet.dk | 78105fgh, 78108efgh, 78109fgh, 39996fgh and 39997fgh | 31.VIII.2017 |

Communication of 3.VIII.2017:

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* |
| ipnordic A/S | 8140efgh | 3.VIII.2017 |

* withdrawal – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Tel42 ApS | 93750fgh, 93751fgh, 93752fgh, 93753fgh, 93756fgh, 93757fgh, 93758fgh and 93759fgh | 31.VIII.2017 |

* withdrawal – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Tel42 ApS | 9777efgh | 31.VIII.2017 |

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URL: www.ens.dk

**Ukraine (country code +380)**

Communications of 11.VIII.2017:

The *State Service of Special Communications and Information Protection of Ukraine*, Kyiv, announces the following updated list of National Destination Code (NDC) for the mobile service in Ukraine:

1. Overview:

Minimum number length (excluding the country code): 9 digits

Maximum number length (excluding the country code): 9 digits

1. Details of numbering scheme:

| **NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)** | **N(S)N number length** | **Usage of E.164 Number** | **Additional information** |
| --- | --- | --- | --- |
| **Maximum length** | **Minimum length** |
| 50 (NDC) | 9 | 9 | Non-geographic number –mobile services assigned | PrJSC “VF Ukraine” |
| 66 (NDC) | 9 | 9 | Non-geographic number –mobile services assigned | PrJSC “VF Ukraine” |
| 95 (NDC) | 9 | 9 | Non-geographic number –mobile services assigned | PrJSC “VF Ukraine” |
| 99 (NDC) | 9 | 9 | Non-geographic number –mobile services assigned | PrJSC “VF Ukraine” |

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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 Ship Stations and Maritime Mobile
Service Identity Assignments
(List V)
Edition of 2017

Section VI

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**SUP**

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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. 19)

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| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Canada ADD** |  |  |
| 302 130 | Xplornet Communications |
| 302 131 | Xplornet Communications |
| **Ukraine SUP** |  |  |
| 255 02 | Ukranian Radio Systems, URS |
| 255 05 | Golden Telecom |
| 255 07 | Ukrtelecom |
| **Ukraine ADD** |  |  |
| 255 02 | PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR) |
| 255 07 | LIMITED LIABILITY COMPANY "TRYMOB" (LLC "TRYMOB") |
| **Ukraine LIR** |  |  |
| 255 01 | PRIVATE JOINT STOCK COMPANY "VF UKRAINE" (PRJSC "VF UKRAINE") |
| 255 03 | PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR) |
| 255 04 | LIMITED LIABILITY COMPANY "INTERNATIONAL TELECOMMUNICATIONS" (LLC INTERTELECOM) |
| 255 06 | LIMITED LIABILITY COMPANY "LIFECELL" (LLC "LIFECELL") |
| 255 21 | PRIVATE JOINT STOCK COMPANY "TELESYSTEMS OF UKRAINE" (PJSC "TELESYSTEMS OF UKRAINE") |

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| \_\_\_\_\_\_\_\_\_\_\_\_\*                  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 |

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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. 20)

|  |  |  |
| --- | --- | --- |
| Country/ Geographical Area | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Ukraine LIR** |
| 2-214-2 | 5810 | Kyiv ISC\_1 | PrJSC "VF Ukraine" |
| 2-216-6 | 5830 | KyivISC | PrJSC "VF Ukraine" |
| 6-241-4 | 14220 | KIE/STP3 | PrJSC "VF Ukraine" |
| 6-241-5 | 14221 | ODE/STP1 | PrJSC "VF Ukraine" |
| 6-241-6 | 14222 | Kyiv IGW | PrJSC "VF Ukraine" |

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

ISPC: International Signalling Point Codes.

 Codes de points sémaphores internationaux (CPSI).

 Códigos de puntos de señalización internacional (CPSI).

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. 48)

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

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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), 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.VIII.2017, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Greenland | +299 |