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| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| 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:* |
| --- | --- | --- |
| 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-68, 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.1033 (10/2019): QoS and QoE aspects of digital financial services

– ITU-T J.1600 (10/2019): Premium Cable Network Platform (PCNP) - Framework

– ITU-T X.500 (10/2019): Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services

– ITU-T X.501 (10/2019): Information technology – Open Systems Interconnection – The Directory: Models

– ITU-T X.509 (10/2019): Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks

– ITU-T X.511 (10/2019): Information technology – Open Systems Interconnection – The Directory: Abstract service definition

– ITU-T X.518 (10/2019): Information technology – Open Systems Interconnection – The Directory: Procedures for distributed operation

– ITU-T X.519 (10/2019): Information technology – Open Systems Interconnection – The Directory: Protocol specifications

– ITU-T X.520 (10/2019): Information technology – Open Systems Interconnection – The Directory: Selected attribute types

– ITU-T X.521 (10/2019): Information technology – Open Systems Interconnection – The Directory: Selected object classes

– ITU-T X.525 (10/2019): Information technology – Open Systems Interconnection – The Directory: Replication

– ITU-T X.694 (2015) Cor. 1 (10/2019)

– ITU-T X.893 (2007) Cor. 1 (10/2019)

– ITU-T Z.100 (10/2019): Specification and Description Language - Overview of SDL-2010

– ITU-T Z.100 Annex F1 (10/2019): Specification and Description Language - Overview of SDL-2010 - SDL formal definition: General overview

– ITU-T Z.100 Annex F2 (10/2019): Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Static semantics

– ITU-T Z.100 Annex F3 (10/2019): Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Dynamic semantics

– ITU-T Z.101 (10/2019): Specification and Description Language - Basic SDL-2010

– ITU-T Z.102 (10/2019): Specification and Description Language - Comprehensive SDL-2010

– ITU-T Z.103 (10/2019): Specification and Description Language - Shorthand notation and annotation in SDL-2010

– ITU-T Z.104 (10/2019): Specification and Description Language - Data and action language in SDL-2010

– ITU-T Z.105 (10/2019): Specification and Description Language - SDL-2010 combined with ASN.1 modules

– ITU-T Z.106 (10/2019): Specification and Description Language - Common interchange format for SDL-2010

– ITU-T Z.107 (10/2019): Specification and Description Language - Object-oriented data in SDL-2010

– ITU-T Z.161 (10/2019): Testing and Test Control Notation version 3: TTCN-3 core language

– ITU-T Z.161.2 (10/2019): Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support

– ITU-T Z.161.6 (10/2019): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching

– ITU-T Z.161.7 (10/2019): Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features

– ITU-T Z.166 (10/2019): Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)

– ITU-T Z.169 (10/2019): Testing and Test Control Notation version 3: Using XML schema with TTCN-3

Telephone Service  
(Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communication of 8.X.2019:

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

• Withdrawal – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Maxtel.dk ApS | 91300fgh and 91303fgh | 5.VIII.2019 |

• Assignment – M2M Communication

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Firmafon ApS | 37100150ijkl and 37100160ijkl | 20.IX.2019 |

• Assignment – Mobile Communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Ipnordic A/S | 91302fgh | 20.IX.2019 |

• Assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Maxtel.dk ApS | 62600fgh, 43400fgh and 70171fgh | 20.IX.2019 |

• Assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Gotanet AB | 36877fgh | 1.X.2019 |

• Assignment – Freephone numbers

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Gotanet AB | 80107fgh | 1.X.2019 |

• Assignment – Mobile Communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Gotanet AB | 81377fgh | 1.X.2019 |

• Assignment – Premium rate

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Gotanet AB | 901017gh | 1.X.2019 |

• Assignment – M2M Communication

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Gotanet AB | 37100371ijkl | 1.X.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

Ghana (country code +233)

Communication of 11.IX.2019:

The *National Communications Authority (NCA),* Accra, announces the assignment of new numbering block to an existing operator, Scancom PLC (MTN Ghana).

1. Overview:

The minimum number length (excluding the country code) is: 9 digits.

The maximum number length (excluding the country code) is: 9 digits.

1. Detail of numbering plan:

| *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* |
| 59Y (NDC)  Y = 1, 2, 3, 4, 5 & 6  (59 1XX XXXX)  (59 2XX XXXX)  (59 3XX XXXX)  (59 4XX XXXX)  (59 5XX XXXX)  (59 6XX XXXX) | 9 | 9 | Non-geographic for mobile services | Scancom PLC (MTN Ghana) |

Contact:

National Communications Authority (NCA)  
Mr Paul Kofi Datsa  
NCA Tower, No. 6 Airport City  
Kotoka International Airport  
P.O. Box CT 1568, Cantonments  
ACCRA  
Ghana  
Tel: +233 302 776 621  
Fax: +233 302 763 449  
E-mail: info@nca.org.gh  
URL: www.nca.org.gh

Gibraltar (country code +350)

Communication of 7.X.2019:

The *Gibraltar Regulatory Authority*, announces the following national numbering plan for Gibraltar.

**Presentation of national ITU-T E.164 numbering plan for country code 350**

a) Overview:

The minimum number length (excluding the country code) is 8 digits.

The maximum number length (excluding the country code) is 8 digits.

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any):

<https://www.gra.gi/communications/numbering-plan>

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):

d) Detail of numbering plan:

| **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** |
| 200 | 8 | 8 | Geographic numbers for Fixed telephony services | Assigned to Gibtelecom |
| 216 | 8 | 8 | Geographic numbers for Fixed telephony services | Reserved. No further numbers to be allocated in this range |
| 222 | 8 | 8 | Geographic numbers for Fixed telephony services | Assigned to u-mee |
| 225 | 8 | 8 | Geographic numbers for Fixed telephony services | Assigned to GibFibreSpeed |
| 50 | 8 | 8 | Mobile services | Reserved for mobile services |
| 51 | 8 | 8 | Mobile services | Assigned to GibFibreSpeed |
| 52 | 8 | 8 | Mobile services | Reserved for mobile services |
| 53 | 8 | 8 | Mobile services | Reserved for mobile services |
| 54 | 8 | 8 | Mobile services | Assigned to Gibtelecom |
| 55 | 8 | 8 | Mobile services | Reserved for mobile services |
| 56 | 8 | 8 | Mobile services | Assigned to Gibtelecom |
| 57 | 8 | 8 | Mobile services | Assigned to Gibtelecom |
| 58 | 8 | 8 | Mobile services | Assigned to Gibtelecom |
| 59 | 8 | 8 | Mobile services | Reserved for mobile services |
| 62 | 8 | 8 | Mobile services | To be withdrawn on 13th March 2020 |

Contact:

Gibraltar Regulatory Authority  
Mr Gavin Santos – Communications Regulatory Manager  
[gavin.santos@gra.gi](mailto:gavin.santos@gra.gi)  
2nd Floor, Eurotowers 4,   
1 Europort Road,   
Gibraltar, GX11 1AA  
Tel: +350 20074636  
Fax: +350 20072166  
E-mail: [communications@gra.gi](mailto:communications@gra.gi)  
URL: www.gra.gi

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) |  |  |  |

|  |
| --- |
| 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. 19)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Cayman Islands ADD** |  |  |
| 346 001 | WestTel Ltd., trading as Logic |
| **Denmark ADD** |  |  |
| 238 17 | Gotanet AB |
| **Spain ADD** |  |  |
| 214 36 | ALAI OPERADOR DE TELECOMUNICACIONES, S.L. |
| **Uruguay SUP** |  |  |
| 748 00 | Ancel - TDMA |
| 748 03 | Ancel |
| **Uruguay LIR** |  |  |
| 748 01 | Administración Nacional de Telecomunicaciones (ANTEL) |
| 748 07 | Telefónica Móviles del Uruguay S.A. (Movistar) |
| 748 10 | AM Wireless Uruguay S.A. (Claro) |

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

\*            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. 87)

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

|  |  |  |
| --- | --- | --- |
| EDNT IT-Services GmbH  Werner-von-Siemens-Strasse 7  D-64625 BENSHEIM | **EDNT01** | Mr Karlheinz Knapp  Tel.: +49 6251 8405 0  Fax: +49 6251 8405 597  Email: portierung@ednt.de |

|  |  |  |
| --- | --- | --- |
| Plus.line AG  Erlenstrasse 2  D-60325 FRANKFURT | **PLINE** | Mr Grischa Stegemann  Tel.: +49 69 758915 0  Fax: +49 69 758915 33  Email: ltg@plusline.de |

|  |  |  |
| --- | --- | --- |
| questnet GmbH  Byhlener Strasse 1  D-03044 COTTBUS | **DEU411** | Mr René Kockisch  Tel.: +49 355 35759 41  Fax: +49 355 35759 10  Email: rk@questnet.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. 63)

|  |  |  |  |
| --- | --- | --- | --- |
| Country/ Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Bosnia and Herzegovina ADD** | | | |
| 2-218-4 | 5844 | Mostar | JP Hrvatske telekomunikacije d.d. Mostar |

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

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

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Kyrgyzstan | +996 |
| Latvia | +371 |