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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| 1217 | 1.IV.2021 | 15.III.2021 |
| 1218 | 15.IV.2021 | 26.III.2021 |
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| 1221 | 1.VI.2021 | 14.V.2021 |
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| 1225 | 1.VIII.2021 | 15.VII.2021 |
| 1226 | 15.VIII.2021 | 30.VII.2021 |
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| 1234 | 15.XII.2021 | 1.XII.2021 |
| 1235 | 1.I.2022 | 10.XII.2021 |

# 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.

1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)

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 (03/1999)) (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)

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 Rev. PP-06)

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 (03/1998)) (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) 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-98, 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 M.3080 (02/2021): Framework of AI enhanced Telecom Operation and Management (AITOM)

– ITU-T P.57 (02/2021): Artificial ears

– ITU-T P.58 (02/2021): Head and torso simulator for telephonometry

– ITU-T X.680 (02/2021): Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation

– ITU-T X.681 (02/2021): Information technology - Abstract Syntax Notation One (ASN.1): Information object specification

– ITU-T X.682 (02/2021): Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification

– ITU-T X.683 (02/2021): Information technology - Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications

– ITU-T X.690 (02/2021): Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)

– ITU-T X.691 (02/2021): Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)

– ITU-T X.692 (02/2021): Information technology - ASN.1 encoding rules: Specification of Encoding Control Notation (ECN)

– ITU-T X.693 (02/2021): Information technology - ASN.1 encoding rules: XML Encoding Rules (XER)

– ITU-T X.694 (02/2021): Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1

– ITU-T X.695 (02/2021): Information technology - ASN.1 encoding rules: Registration and application of PER encoding instructions

– ITU-T X.696 (02/2021): Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER)

– ITU-T X.697 (02/2021): Information technology - ASN.1 encoding rules: Specification of JavaScript Object Notation Encoding Rules (JER)

– ITU-T X.894 (2018) Cor. 2 (02/2021): Generic applications of ASN.1 Cryptographic Message Syntax Technical Corrigendum 2

– ITU-T Y.3056 (02/2021): Framework for bootstrapping of devices and applications for open access to trusted services in distributed ecosystems

– ITU-T Y.3113 (02/2021): Requirements and framework for latency guarantee in large scale networks including IMT-2020 network

– ITU-T Y.3135 (02/2021): Service scheduling for supporting FMC in IMT-2020 network

– ITU-T Y.3157 (02/2021): IMT-2020 network slice configuration

– ITU-T Y.3177 (02/2021): Architectural framework of artificial intelligence-based network automation for resource and fault management in future networks including IMT-2020

– ITU-T Y.4476 (02/2021): OID-based resolution framework for transaction of distributed ledger assigned to IoT resources

The International Public Telecommunication Numbering Plan  
(Recommendation ITU-T E.164 (11/2010))

**Note from TSB**

*Identification codes for international networks*

Associated with shared country code 883 for international networks, the following three-digit identification codes have been **assigned**.

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Date of assignment* |
| Afinna One Srl | Afinna One Srl | +883 350 | 5.II.2021 |

Telephone Service  
(Recommendation ITU-T E.164)

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

Sierra Leone (country code +232)

Communication of 11.II.2021:

The *National Telecommunications Commission (NATCOM),* Freetown, announces the following update to the national numbering plan of Sierra Leone:

**Presentation of national ITU-T E.164 numbering plan   
for country code 232:**

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): n/a

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

**Description of introduction of new resources   
for national E.164 numbering plan for country code 232:**

| *NDC (national destination code) or leading digits of N(S)N (national (significant) number)* | *N(S)N number length* | | *Usage of  ITU-T E.164 number* | *Additional information* |
| --- | --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 32 | 6  excluding NDC | 6  excluding NDC | Non-geographic number for Qcell Sierra Leone | Addition NDC for Qcell Sierra Leone |
| 73 | 6  excluding NDC | 6  excluding NDC | Non-geographic number for Orange Sierra Leone | Addition NDC for Orange Sierra Leone |

**Additional dialling information**:

Local: 032 XXX XXX for QCELL SL and 073 XXX XXX for ORANGE SL

International: +232 32 XXX XXX

+232 73 XXX XXX

where XXX XXX is the subscriber number.

Contact:

Mr Abdul Bah

National Telecommunications Commission (NATCOM)

13 Regent Road

Hill Station, FREETOWN

Sierra Leone

Tel: +232 88 600 003 or +232 78 333 444

E-mail: abah@natcom.gov.sl

URL: www.natcom.gov.sl

Other communication

Austria

Communication of 4.II.2021:

On the occasion of the "FT8DMC Activity Days 2021", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE21FTDMC** from 2 to 15 August 2021.

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-06)

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. 44)

**France ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| France | **AIRMOB INFRA FULL**  29 Rue Pierre Paul Riquet  31000 TOULOUSE | **89 33 28** | Arnaud Lecoeur  29 Rue Pierre Paul Riquet  31000 TOULOUSE   |  |  | | --- | --- | | E-mail : | itu@aif-telecom.com | | 1.II.2021 |

**United Kingdom ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| United Kingdom | **Podsystem Ltd.**  WhiteLeaf Business Center,  Little Balmer,  Buckingham Industrial Park  BU-MK18 1TF BUCKINGHAM | **89 883 08** | Pod Group Operations team  WhiteLeaf Business Center,  Little Balmer,  Buckingham Industrial Park  BU-MK18 1TF BUCKINGHAM  Tel: +44 1223 850900  E-mail: sales@podgroup.com | 5.II.2021 |

List of Recommendation ITU-T E.164 assigned Country Codes  
(Complement to Recommendation ITU-T E.164 (11/2010))  
(Position on 15 December 2016)

(Annex to ITU Operational Bulletin No.1114 – 15.XII.2016)  
(Amendment No. 19)

**Notes common to Numerical and Alphabetical lists of ITU-T Recommendation E.164 assigned country codes**

p Associated with shared country code 883, the following three-digit identification code reservations or assignments have been made for the international networks of:

***Note p)* +883 350 ADD\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Status* |
| Afinna One Srl | Afinna One Srl | +883 350 | Assigned |

**\*** 5.II.2021

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

See page 5 of the present Operational Bulletin No. 1215 of 1.III.2021.

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. 49)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Australia ADD** |  |  |
| 505 51 | Fortescue Metals Group 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. 110)

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

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

|  |  |  |
| --- | --- | --- |
| purtel.com GmbH  Clarita-Bernhard-Strasse 25  D-81249 MUNICH | **PURTEL** | Mr Zeljko Bilbija  Tel.: +49 89 2000 77130  Fax: +49 89 2000 77131  Email: support@purtel.com |

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

|  |  |  |
| --- | --- | --- |
| D-Connect GmbH  Humboldtstrasse 18  D-95168 MARKTLEUTHEN | **DCONN** | Mr Patrick Fritsch  Tel.: +49 9285 47299 70  Fax: +49 9285 47299 79  Email: abw@dconnect.de |

List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 July 2020)

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)  
(Amendment No. 10)

| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| --- | --- | --- | --- |
| *ISPC* | *DEC* |
| **Panama SUP** | | | |
| 7-026-3 | 14547 | NetUno INT | Telecomunicaciones NetUno de Panama SA |
| 7-028-4 | 14564 | BSC | Telefónica Móviles de Panamá |
| 7-031-0 | 14584 | BTPTY1 | Telecomunicaciones NetUno de Panama SA |
| 7-031-3 | 14587 | PANSL 2M | Telefónica Móviles de Panamá |
| 7-031-4 | 14588 | PANSL 1P | Telefónica Móviles de Panamá |
| **Panama LIR** | | | |
| 7-026-7 | 14551 | PANSL4M | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| 7-029-6 | 14574 | DAVTE1P | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| 7-030-3 | 14579 | PANSL2P | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| 7-030-5 | 14581 | PANSL4M\_SPX1 | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| 7-030-6 | 14582 | PANSL4M\_SPX2 | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| 7-031-6 | 14590 | MGW PANSL3G | GRUPO DE COMUNICACIONES DIGITALES, S.A. |
| **Sweden SUP** | | | |
| 2-082-1 | 4753 | IQVM4 (Stockholm) | Tele2 Sverige AB |
| 2-193-4 | 5644 | VTP (Stockholm) | Tele2 Sverige AB |
| 2-193-5 | 5645 | SAV (Göteborg) | Tele2 Sverige AB |
| 2-195-7 | 5663 | MSC1 (Stockholm) | Tele2 Sverige AB |
| **Sweden LIR** | | | |
| 2-080-2 | 4738 | STP-1 | Tele2 Sverige AB |
| 2-080-3 | 4739 | STP-2 | Tele2 Sverige AB |
| 2-083-0 | 4760 | JFA\_STP | Tele2 Sverige AB |
| 2-083-1 | 4761 | MPLO\_STP | Tele2 Sverige AB |

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.II.2021, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Lebanon | +961 |
| Togo | +228 |