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| 1283 | 1.I.2024 | 8.XII.2023 |

# 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.

1251 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 September 2022)

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)

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-27, 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 F.749.6 (04/2023): Requirements of vehicle information for automated driving in vehicle gateway platforms

– ITU-T X.1219 (04/2023): Functional requirements for a secured process to evaluate technical vulnerabilities

– ITU-T X.1277.2 (04/2023): Universal authentication framework (UAF) protocol specification

– ITU-T X.1278.2 (04/2023): Client to authenticator protocol

– ITU-T X.1412 (04/2023): Security requirements for smart contract management based on the distributed ledger technology

– ITU-T F.780.1 (V3) (04/2023): Framework for telemedicine systems using ultra-high definition imaging

– ITU-T F.780.2 (V2) (04/2023): Accessibility of telehealth services

– ITU-T G.9962 (2018) Amd. 2: Unified high-speed wire-line based home networking transceivers - Management Specification: Amendment 2

– ITU-T M.3020 (04/2023): Management interface specification methodology

– ITU-T M.3366 (04/2023): Requirements for management of blockchain system

– ITU-T M.3367 (04/2023): Requirements for robot-based on-site smart patrol of telecommunication network

– ITU-T M.3383 (04/2023): Requirements for Log Analysis in telecom management with AI

– ITU-T M.3384 (04/2023): Intelligence levels of AI enhanced telecom operation and management (IL-AITOM)

– ITU-T M.3385 (04/2023): Intelligence levels evaluation framework of AI enhanced telecom operation and management

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 code has been **assigned**:

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and Identification Code* | *Date of assignment* |
| Webbing | Webbing | +883 470 | 1.V.2023 |

International Identification Plan for Public Networks and Subscriptions
(Recommendation ITU-T E.212 (09/2016))

**Note from TSB**

*Identification codes for International Mobile Networks*

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network codes (MNC) have been **assigned**.

| Network | Mobile Country Code (MCC) and Mobile Network Code (MNC) | Date of assignment |
| --- | --- | --- |
| Athalos Global Services BV | 901 99 | 19.IV.2023 |
| Webbing | 901 01 | 1.V.2023 |

**Telephone Service
(Recommendation ITU-T E.164)**

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

**Bhutan (country code +975)**

Communication of 1.V.2023:

The *Bhutan InfoComm and Media Authority (BICMA),* Thimphu, announces the following update to national numbering plan in Bhutan:

*Description of introduction of new resource for
national E.164 numbering plan for country code +975:*

| **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** | **Time and date of introduction** |
| --- | --- | --- | --- |
| **Maximum length** | **Minimum length** |
| 17 | 8 | 8 | Non-Geographic. It’s a mobile number | 2018 |
| 77 | 8 | 8 | Non-Geographic. It’s a mobile number | 2018 |
| 19 | 12 | 12 | Non-geographic. It’s a SIM-based IoT numbering scheme for Bhutan (see additional info below) | February 21, 2023 |
| 79 | 12 | 12 | Non-geographic. It’s a SIM-based IoT numbering scheme for Bhutan (see additional info below) | February 21, 2023 |

*Additional Information:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Country Code****(3 digits)** | **Network Identification Code****(2 digits)** | **M2M Identifier (Application based Code)****(2 digits)** | **Device Number****(8 digits)** |
| (975) | "19" for devices using BTL (Bhutan Telecom Limited) SIM-based IoT"79" for devices using TICL (Tashi InfoComm Limited) SIM-based IoT | XX"00" to "99" | YYYYYYYY"00000000" to "99999999" |

The two digits from **"00"** to **"99"** shall be used for the M2M Identifier based on the application. It shall be used strictly based on the following applications mentioned in the table below while issuing the IoT SIMs to the users. For instance, if it is for *Smart power metering* using BTL SIM, the M2M Identifier shall be "01", thus the SIM numbering shall be "975 19 01 YYYYYYYY"

| **Sectors/Industry Verticals** | **M2M Identifier (Application Based Code)** | **IoT Applications** |
| --- | --- | --- |
| Automotive/Transportation/Logistics | 00 | Vehicle tracking, Traffic control, Navigation, Infotainment, Fleet management, Asset tracking, Manufacturing, Logistics, etc. |
| Utilities/Energy  | 01 | Smart power metering, Smart grid, Electric line monitoring, Smart water metering, pipeline monitoring, etc. |
| Telecom | 02 | Data storage and management, Asset monitoring |
| Healthcare  | 03 | e-health, Remote diagnostics, Medication reminders, Tele-medicine, wearable health devices, etc. |
| Financial/ Retail | 04 | Point of sale (POS), ATM, Vending machines, Digital signage, and Handheld terminals, etc. |
| Public Safety | 05 | Highway, Bridge, Traffic management, Homeland security, Police, Fire, and Emergency services, Fire alarm, home security monitoring etc. |
| Smart City | 06 | Intelligent transport System, Intelligent waste management, Street Light control system, Water distribution, Smart Parking, etc. |
| Agriculture  | 07 | Farm management and real time farm monitoring etc, |
| Others | ….. | The operators shall use additional M2M identifiers if not mentioned in above. However, before the operator uses the new M2M Identifier Code, the operator has to consult the Authority.Once one of the operators is allowed to use additional M2M Identifiers, the same M2M Identifier code has to be used by the other operator for same/similar services. |

Link to national database:

<https://www.bicma.gov.bt/bicmanew/data/publications/rules-regulations-guidelines/National_Numbering_Plan_2018.pdf>

<https://www.bicma.gov.bt/bicmanew/wp-content/uploads/2023/03/Mobile-NetworkSIM-based-IoT-Numbering-Plan-of-Bhutan.pdf>

Contact:

Bhutan InfoComm and Regulatory Authority (BICMA)

P.O Box 1072

THIMPHU

BHUTAN

Tel: +975 2 321506/+975 2 321507

E-mail: bicma@bicma.bt; spectrum@bicma.bt

URL: www.bicma.gov.bt

**Uganda (country code +256)**

Communication of 20.IV.2023:

The *Uganda Communications Commission (UCC)*, Kampala, announces the following National Numbering Plan of Uganda.

ITU-T E.164 NATIONAL NUMBERING PLAN FOR COUNTRY CODE 256

a) Overview

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

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

b) 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 ITU-T E.164 Number* | *Additional information* |
| --- | --- | --- | --- |
| *Maximum Length* | *Minimum Length* |
| 200201 | 9 | 9 | Fixed telephony services for Airtel Uganda Limited | Network fully operational |
| 20240 | 9 | 9 | Fixed telephony services for Liquid Telecom Limited | Network fully operational |
| 2030620307 | 9 | 9 | Fixed telephony services for Sombha Solutions store Limited | Network fully operational |
| 2032 | 9 | 9 | Fixed telephony services for Echotel | Network fully operational |
| 20502051205220532054 | 9 | 9 | Fixed telephony services for Roke Investment International Limited | Network fully operational |
| 20611 | 9 | 9 | Fixed telephony services for Hamilton Telecom | Network operational |
| 206300206301206302206303206304 | 9 | 9 | Fixed telephony services for Simbanet Uganda Limited | Network fully operational |
| 207 | 9 | 9 | Fixed telephony services for Airtel Uganda Limited | Network fully operational |
| 3 | 9 | 9 | Fixed telephony services for MTN Uganda Limited | Network is fully operational |
| 4 | 9 | 9 | Fixed telephony services for Uganda Telecommunication Corporation Limited | Network is fully operational |
| 700701702703704705706707708709 | 9 | 9 | Mobile telephony services for Airtel Uganda Limited | Network is fully operational |
| 710711712713714715716717718719 | 9 | 9 | Mobile telephony services for Uganda Telecommunication Corporation Limited | Network is fully operational |
| 720 | 9 | 9 | Mobile telephony services for Smile Communications (U) Ltd | Network is fully operational |
| 7240 | 9 | 9 | Mobile telephony services for Hamilton Limited | Network not yet operational |
| 7260 | 9 | 9 | Mobile telephony services for Tangerine Limited | Network is fully operational |
| 740741742743 | 9 | 9 | Mobile telephony services for Airtel Uganda Limited | Network is fully operational |
| 750751752753754755756757758759 | 9 | 9 | Mobile telephony services for Airtel Uganda Limited | Network is fully operational |
| 760761762763 | 9 | 9 | Mobile telephony services for MTN Uganda Limited | Network is fully operational |
| 770771772773774775776777778779 | 9 | 9 | Mobile telephony services for MTN Uganda Limited | Network is fully operational |
| 780781782783784785786787788789 | 9 | 9 | Mobile telephony services for MTN Uganda Limited | Network is fully operational |

Contact:

 Ms Irene Kaggwa Sewankambo
Ag. Executive Director
Uganda Communications Commission (UCC)
Plot 42-44 Spring Road, Bugolobi
P.O. Box 7376, Kampala, Uganda
Tel: +256 41 433 9000
Fax: +256 41 434 8832
E-mail: ucc@ucc.co.ug
URL: www.ucc.co.ug

Other communication

**Serbia**

Communications of 28.IV.2023:

On the occasion of the jubilee of the foundation of the Amateur Radio Union of Serbia, the Serbian Administration authorizes radio stations of the Amateur Radio Union of Serbia to use the special call sign **YU75SRS** from 15 April to 31 December 2023.

On the occasion of the 26th IARU R1 General Conference, the Serbian Administration authorizes a radio stations of the Amateur Radio Union of Serbia to use the special call sign **YT26IARU** from 15 April to 31 December 2023.

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 Ship Stations and Maritime Mobile
Service Identity Assignments
(List V)
Edition of 2023

Section VI

**ADD**

 **BU03** Network Integrity Assurance Technologies Sdn Bhd (NiAT) Unit No.28 & 29,

 Block C, 1st Floor, Muhibbah Complex II, Jalan Gadong, BE 3919,

 Bandar Seri Begawan Negara Brunei Darussalam. BRUNEI DARUSSALAM.

 E-mail: info@niat.com.bn, wong.tecksion@niat.com.bn,

 Tel: +673 2384660, Fax: +673 2382551,

 Contact person: Wong Teck Sion.

**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. 83)

**France ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| France | **Netcom Group**41, rue Delizy93500 PANTIN | **89 33 04** | Farid ZOUHRI41, rue Delizy93500 PANTIN

|  |  |
| --- | --- |
| Tel: | +33 666384016 |
| E-mail: | f.zouhri@netcom-group.fr |

 | 18.IV.2023 |

**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. 35)

**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 reservation or assignment has been made for the international networks of:

***Note p)* +883 470 ADD\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and Identification Code* | *Status* |
| Webbing | Webbing | +883 470 | Assigned |

\* 1.V.2023

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See page 5 of the present Operational Bulletin No. 1268 of 15.V.2023.

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| --- | --- | --- | --- |
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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 15 December 2018)** |

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| (Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)(Amendment No. 95) |

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| --- | --- | --- | --- | --- |
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|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC*** | ***Operator/Network*** |
| **Canada ADD** |  |  |
| 302 741 | Rogers Communications Canada Inc. |
| **Canada LIR** |  |  |
| 302 740 | Rogers Communications Canada Inc. |
| **International Mobile, shared code ADD\*** |  |  |
| 901 01 | Webbing |
| 901 99 | Athalos Global Services BV |

 |  |  |
|  |

|  |
| --- |
| \_\_\_\_\_\_\_\_\_\_\_\_      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\* See the present ITU Operational Bulletin No. 1268 of 15.V.2023, page 5 |

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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. 150)

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

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

|  |  |  |
| --- | --- | --- |
| BBV Franken GmbHRobert-Bosch-Strasse 32D-63303 DREIEICH | **BBV004** | Mrs Angelika SchmitzTel.: +49 6103 3742 413Fax: +49 6103 3742 401Email: angelika.schmitz@bbv-deutschland.de |
| envia TEL GmbH Bulk-AccountFriedrich-Ebert-Strasse 26D-04416 MARKKLEEBERG | **FLETEL** | Mr Peter ZechTel.: +49 355 68 1214Fax: +49 355 68 2500Email: peter.zech@enviatel.de |
| NetDüsseldorf GmbH c/o NetCologne GmbHAm Coloneum 9D-50826 COLOGNE | **NETDUE** | Mr Christian NopperTel.: +49 178 8888147Fax: +49 221 2222 7633Email: christian.nopper@netcologne.com |
| RIKOM GmbHHermann-Petersilge-Strasse 10D-07422 BAD BLANKENBURG | **RIKOM** | Mr Heiko RichardtTel.: +49 36741 683683Fax: +49 36741 683684Email: service@rikom-gmbh.de |
| Toolkit Systems UG (haftungsbeschränkt)Sonnenrainweg 1D-73563 MOEGGLINGEN | **TKIT** | Mr Denis Mathis Walter BrennerTel.: +49 761 88794980Email: noc@tool-kit.net |

**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 15.IV.2023, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Qatar | +974 |