

ITU Operational 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

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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

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**:

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of assignment</i>
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**.

<i>Network</i>	<i>Mobile Country Code (MCC) and Mobile Network Code (MNC)</i>	<i>Date of assignment</i>
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

Sectors/Industry Verticals	M2M Identifier (Application Based Code)	IoT Applications
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	<p>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.</p> <p>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.</p>

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

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N Number Length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
	<i>Maximum Length</i>	<i>Minimum Length</i>		
200 201	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
20306 20307	9	9	Fixed telephony services for Sombha Solutions store Limited	Network fully operational
2032	9	9	Fixed telephony services for Echotel	Network fully operational
2050 2051 2052 2053 2054	9	9	Fixed telephony services for Roke Investment International Limited	Network fully operational
20611	9	9	Fixed telephony services for Hamilton Telecom	Network operational
206300 206301 206302 206303 206304	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
700 701 702 703 704 705 706 707 708 709	9	9	Mobile telephony services for Airtel Uganda Limited	Network is fully operational

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N Number Length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
	<i>Maximum Length</i>	<i>Minimum Length</i>		
710 711 712 713 714 715 716 717 718 719	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
740 741 742 743	9	9	Mobile telephony services for Airtel Uganda Limited	Network is fully operational
750 751 752 753 754 755 756 757 758 759	9	9	Mobile telephony services for Airtel Uganda Limited	Network is fully operational
760 761 762 763	9	9	Mobile telephony services for MTN Uganda Limited	Network is fully operational
770 771 772 773 774 775 776 777 778 779	9	9	Mobile telephony services for MTN Uganda Limited	Network is fully operational
780 781 782 783 784 785 786 787 788 789	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

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Príncipe	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

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
France	Netcom Group 41, rue Delizy 93500 PANTIN	89 33 04	Farid ZOUHRI 41, rue Delizy 93500 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*

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
Webbing	Webbing	+883 470	Assigned

* 1.V.2023

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

**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. 95)

<i>Country/Geographical area</i>	<i>MCC+MNC</i>	<i>Operator/Network</i>
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

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)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	ADD	
BBV Franken GmbH Robert-Bosch-Strasse 32 D-63303 DREIEICH	BBV004	Mrs Angelika Schmitz Tel.: +49 6103 3742 413 Fax: +49 6103 3742 401 Email: angelika.schmitz@bbv-deutschland.de
envia TEL GmbH Bulk-Account Friedrich-Ebert-Strasse 26 D-04416 MARKKLEEBERG	FLETEL	Mr Peter Zech Tel.: +49 355 68 1214 Fax: +49 355 68 2500 Email: peter.zech@enviatel.de
NetDüsseldorf GmbH c/o NetCologne GmbH Am Coloneum 9 D-50826 COLOGNE	NETDUE	Mr Christian Nopper Tel.: +49 178 8888147 Fax: +49 221 2222 7633 Email: christian.nopper@netcologne.com
RIKOM GmbH Hermann-Petersilge-Strasse 10 D-07422 BAD BLANKENBURG	RIKOM	Mr Heiko Richardt Tel.: +49 36741 683683 Fax: +49 36741 683684 Email: service@rikom-gmbh.de
Toolkit Systems UG (haftungsbeschränkt) Sonnenrainweg 1 D-73563 MOEGGLINGEN	TKIT	Mr Denis Mathis Walter Brenner Tel.: +49 761 88794980 Email: 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:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Qatar	+974