

# ITU Operational Bulletin

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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.

- 1317 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 1 June 2025)
- 1295 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2024)
- 1293 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2024)
- 1283 List of Issuer Identifier Numbers (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 31 December 2023)
- 1280 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 November 2023)
- 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)
- 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)
- 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)	<a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>
Bureaufax Table (ITU-T Rec. F.170)	<a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a>
List of recognized operating agencies (ROAs)	<a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>

## Approval and deletion of ITU-T Recommendations

### Approved Recommendations:

By [AAP-37](#), 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 L.1411 \(05/2026\)](#): Guidance on simplified life cycle assessments of Information and Communication Technologies

By TSB Circular [CIR-139](#) of 28 May 2026, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- [ITU-T Y.4241 \(05/2026\)](#): Common requirements and capability framework of digital twin for smart complex and campus
- [ITU-T Y.4242 \(05/2026\)](#): Requirements and capability framework of energy storage service for residential community in smart city
- [ITU-T Y.4243 \(05/2026\)](#): Requirements of Internet of things (IoT)-based smart school management
- [ITU-T Y.4244 \(05/2026\)](#): Functional capabilities to support Internet of things (IoT)-based electric power worksite operation services
- [ITU-T Y.4420 \(05/2026\)](#): Framework of Internet of things-based monitoring and management for lifts (elevators)
- [ITU-T Y.4512 \(05/2026\)](#): Functional architecture of IoT-based distributed energy storage management system in smart cities
- [ITU-T Y.4614 \(05/2026\)](#): Energy data model for city-level energy management platform
- [ITU-T Y.4813 \(05/2026\)](#): Security assessment requirements of data management for IoT-based electric power infrastructure
- [ITU-T Y.4815 \(05/2026\)](#): Framework of unified authentication service for data collaboration in Internet of things (IoT)-based electric power infrastructure
- [ITU-T Y.4816 \(05/2026\)](#): Telecommunication security requirements and capabilities of base station inspection services using unmanned aerial vehicles
- [ITU-T Y.4912 \(05/2026\)](#): Reliability evaluation framework of sensing network in power grid

### Deleted Recommendations:

None.

## Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/1999))

### Note from TSB

At the request of the Administration of the Republic of Belarus, the Director of TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system No. 7 network of this country/geographical area, in accordance with Recommendation ITU-T Q.708 (03/1999):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Republic of Belarus	7-130

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SANC: Signalling Area/Network Code

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

url: [www.itu.int/itu-t/inr/nnp](http://www.itu.int/itu-t/inr/nnp)

## Sierra Leone (country code +232)

Communication of 26.V.2026:

The *National Telecommunications Authority (NatCA)*, 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:

- Overview:  
The minimum number length (excluding the country code) is 8 digits.  
The maximum number length (excluding the country code) is 8 digits.
- 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
- 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:

<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>		
35	6 Excluding NDC	6 Excluding NDC	Non-geographic number for Qcell (GSM) Sierra Leone	Addition NDC for Qcell Sierra Leone
70	6 Excluding NDC	6 Excluding NDC	Non-geographic number for Africell (GSM) Sierra Leone	Addition NDC for Africell Sierra Leone

#### Additional Dialling Information:

Local: 035 XXX XXX for QcellSL and 070 XXX XXX for AfricellSL

International: +232 35 XXX XXX

+232 70 XXX XXX

where XXX XXX is the subscriber number

#### Contact:

Mr Abdul Bah  
National Communications Authority (NatCA) (formerly National Telecommunications Commission (NATCOM))  
NatCA Tower, Southridge, IMATT,  
Hill Station  
FREETOWN  
Sierra Leone  
Tel: +232 886 000 03, +232 783 334 44, +232 313 334 44  
E-mail: [abah@natca.gov.sl](mailto:abah@natca.gov.sl)  
URL: [www.natca.gov.sl](http://www.natca.gov.sl)

**List of Ship Stations and Maritime Mobile  
Service Identity Assignments  
(List V)  
Edition of 2026**

**Section VI**

**REP**

- BE02 MARLINK S.A. Louizalaan 54, Avenue Louise - 5th Floor 1050 Brussels Belgium,  
E-mail: [servicedesk@marlink.com](mailto:servicedesk@marlink.com), Tel: +33 17 04 89 89 8,  
Marlink MSS Product Manager.
- BE05 MARLINK S.A. Louizalaan 54, Avenue Louise - 5th Floor 1050 Brussels Belgium,  
E-mail: [servicedesk@marlink.com](mailto:servicedesk@marlink.com), Tel: +33 17 04 89 89 8,  
Marlink MSS Product Manager.
- FR01 MARLINK SAS, 137 rue du Faubourg Saint-Denis, 75010 Paris, France,  
E-mail: [servicedesk@marlink.com](mailto:servicedesk@marlink.com), Tel: +33 17 04 89 89 8,  
Marlink MSS Product Manager.
- FR07 MARLINK SAS, 137 rue du Faubourg Saint-Denis, 75010 Paris, France,  
E-mail: [servicedesk@marlink.com](mailto:servicedesk@marlink.com), Tel: +33 17 04 89 89 8,  
Marlink MSS Product Manager.

## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://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)
Türkiye	1286 (p.17)
Bangladesh	1287 (p.16)

## Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)

See URL: [www.itu.int/pub/T-SP-PP.RES.21-2011/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	Paragraph
<b>COL</b>	Column	<b>REP</b>	Replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	Page(s)		

## List of Issuer Identifier Numbers for the cards to identify accounts for charging telecommunication services (in accordance with Recommendation ITU-T E.118 (09/2025)) (Position on 31 December 2023)

Annex to ITU Operational Bulletin No. 1283 – 1.I.2024

Amendment No. 31

### Canada ADD

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Canada	<b>SSi Micro Ltd.</b> 356B Old Airport Road Yellowknife Northwest Territories X1A 3T4	<b>89 1 984</b>	Dean Proctor / Jeff Phillip 230 Herzberg Road Ottawa Ontario K2K 2A1 Tel: +1 613 271 6464 / +1 8676697500 E-mail: regulatory@ssicanada.com; mobile@ssicanada.com	1.VI.2026

### China ADD

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
China	<b>China Telecommunications Corporation</b> 31 Jinrong Street, Xicheng District, BEIJING	<b>89 882 52</b>	XuKai / Geng ChengHai 5th floor, Guanhua Building, No.118 Xizhimen InnerStreet, Xicheng District, BEIJING Tel: +86 18910687258 / +86 18910281587 E-mail: xukai@chinatelecom.cn; gengchh@chinatelecom.cn	8.VIII.2026

### Macao, China LIR

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact
Macao, China	<b>SmarTone – Comunicações Móveis, S.A.</b> Avenida Xian Xing Hai Centro Golden Dragon 12 andar, Macau	<b>89 853 00</b>	Rosa Tang Avenida Xian Xing Hai, Centro Golden Dragon, 12 andar Macau Tel: +853 6620 2060 E-mail: rosa_tang@smartone.com

**Macao, China SUP**

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of cancellation</i>
Macao, China	<b>SmarTone – Comunicações Móveis, S.A.</b> Avenida Xian Xing Hai Centro Golden Dragon 12 andar, Macau	<b>89 853 00</b>	Rosa Tang Avenida Xian Xing Hai, Centro Golden Dragon, 12 andar Macau Tel: +853 6620 2060 E-mail:rosa_tang@smartone.com	15.VIII.2025

**Macao, China LIR**

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Macao, China	<b>Companhia de Telecomunicações de Macau, S.A.</b> Rua de Lagos, Telecentro Taipa, Macau	<b>89 853 01</b>	Janet Choi Rua de Lagos, Telecentro 14/F Taipa, Macau Tel: +853 8891 2630 Fax: +853 2852 9420 E-mail:Janet.K.Choi@ctm.com.mo

**Macao, China LIR**

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Macao, China	<b>Hutchison – Telefone (Macau), Limitada</b> Avenida Xian Xing Hai Centro Golden Dragon 8 andar, Macau	<b>89 853 03</b>	Candice Cheong Avenida Xian Xing Hai Centro Golden Dragon 8 andar, Macau Tel: +853 8893 3318 Fax: +853 2878 2288 E-mail:candice.cheong@htmac.com

**United States 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>
United States	<b>Popcorn Labs, Inc.</b> 110 East 25th Street NEW YORK NY 10010	<b>89 1 100</b>	Lukas Kairys 110 East 25th Street NEW YORK NY 10010 Tel: +1 646 633 9140 E-mail:team@popcorn.space; lukas@popcorn.space	16.V.2026

**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 November 2023 -**

Annex to ITU Operational Bulletin No. 1280 – 15.XI.2023

Amendment No. 58

<i>Country / Geographical area</i>	
<i>MCC + MNC</i>	<i>Operator / Network</i>
<b>Canada ADD</b>	
302 540	Rovr Communications Inc.
<b>Canada SUP</b>	
302 540	Rovr Communications Inc.
302 770	TNW Wireless Inc.
<b>Costa Rica ADD</b>	
712 08	COOPERATIVA DE ELECTRIFICACION RURAL DE SAN CARLOS R.L.
<b>Jamaica ADD</b>	
338 111	Cable & Wireless Jamaica Ltd.
<b>Macao, China SUP</b>	
455 00	SmarTone – Comunicações Móveis, S.A.
455 06	SmarTone – Comunicações Móveis, S.A.
<b>Macao, China LIR</b>	
455 01	Companhia de Telecomunicações de Macau, S.A.
455 04	Companhia de Telecomunicações de Macau, S.A.

MCC: Mobile Country Code

MNC: Mobile Network Code

**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. 207

<i>Country or area/ISO code</i> <i>Company Name/Address</i>	<i>Company Code</i> <i>(carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>LIR</b>	
spusu Deutschland GmbH Platzl 2 80331 MÜNCHEN	<b>MULTIC</b>	Mr Robert Bertol Tel.: +49 89 139959 0 Fax: +49 89 13959959 E-mail: robert.bertol@spusu.de
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
Mobilmakler GmbH Von-Linde-Straße 4 82205 GILCHING	<b>MMBLUE</b>	Mr Martin Hößl Tel.: +49 8105 7727520 Fax: +49 8105 7727529 E-mail: info@mobilmakler.com

**List of Signalling Area/Network Codes (SANC)**  
**(Complement to Recommendation ITU-T Q.708 (03/1999))**  
**(Position on 1 June 2024)**

Annex to ITU Operational Bulletin No. 1293 – 1.VI.2024

Amendment No. 3

**Numerical order**    **ADD**  
7-130    Republic of Belarus

**Alphabetical order**    **ADD**  
7-130    Republic of Belarus

\_\_\_\_\_  
SANC: Signalling Area/Network Code.

**List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
- Position on 01 July 2024 -**

Annex to ITU Operational Bulletin No. 1295 – 1.VII.2024

Amendment No. 38

<i>Country / Geographical area</i>		<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<i>ISPC</i>	<i>DEC</i>		
<b>Belarus ADD</b>			
2-204-4	5732	FW1	Beltelecom
2-204-7	5735	FW2	Beltelecom
<b>Macao, China SUP</b>			
4-110-4	9076	MACSMC	SmarTone - Comunicações Móveis, S.A.
4-119-0	9144	MACSMC1	SmarTone - Comunicações Móveis, S.A.
4-119-3	9147	MACSMC2	SmarTone - Comunicações Móveis, S.A.
4-119-5	9149	CTMO_SMC	China Telecom (Macau) Limitada
<b>Macao, China LIR</b>			
4-110-1	9073	ISC1	Companhia de Telecomunicações de Macau, S.A.
4-110-2	9074	ISC2	Companhia de Telecomunicações de Macau, S.A.
4-110-3	9075	MSC	Companhia de Telecomunicações de Macau, S.A.
4-110-7	9079	ISC3	Companhia de Telecomunicações de Macau, S.A.
<b>Sweden SUP</b>			
2-081-0	4744	Stockholm/UN STX (Stockholm)	Telia Sverige AB
2-081-1	4745	Stockholm/UR STX (Stockholm)	Telia Sverige AB
2-081-2	4746	Malmö/UR STX (Malmö)	Telia Sverige AB
<b>Sweden ADD</b>			
2-081-0	4744	Stockholm/UN STX	Arelion Sweden AB
2-081-1	4745	Stockholm/UN STX	Arelion Sweden AB
2-081-2	4746	Malmö/UR STX	Arelion Sweden AB

ISPC: International Signalling Point Codes.

## **National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))**

See URL: [www.itu.int/itu-t/nnp](http://www.itu.int/itu-t/nnp)

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 15.V.2026, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/Geographical area</i>	<i>Country Code (CC)</i>
Armenia	+374
Burundi	+257
France	+33
Iran (Islamic Republic of)	+98
Mozambique	+258
Turkmenistan	+993