

# ITU Operational Bulletin

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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)	<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 of ITU-T Recommendations

By AAP-36, 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.740.3 (09/2023): Metadata for digital representation of cultural relics/artworks using augmented reality
- ITU-T F.740.4 (09/2023): Metadata for image aesthetics assessment with aesthetic attributes in mobile terminal computational photography systems
- ITU-T F.740.5 (09/2023): Data collection and annotation requirements for automatic white balance (AWB) enhancement in mobile terminal for digital culture
- ITU-T F.740.6 (09/2023): Reference framework and requirements for Internet protocol multimedia subsystem early media and extension service systems
- ITU-T F.740.7 (09/2023): Reference architecture and requirements for mobile terminal computational photography systems
- ITU-T F.744.5 (09/2023): Requirements for content delivery networks based on P2P technology
- ITU-T F.747.13 (09/2023): Requirements and reference framework of cloud-edge collaboration in industrial machine vision systems
- ITU-T F.748.22 (09/2023): Functional architecture for feature-based distributed intelligent systems
- ITU-T F.748.25 (09/2023): Requirements for speech interaction of intelligent customer services
- ITU-T F.751.9 (09/2023): Trusted execution environment based confidential computing on distributed ledger technology systems
- ITU-T F.751.10 (09/2023): Framework and requirements for DLT-based digital collection services
- ITU-T F.751.11 (09/2023): Performance test suite for distributed ledger technology systems
- ITU-T F.751.12 (09/2023): Formal verification framework for smart contract on distributed ledger technology
- ITU-T F.751.13 (09/2023): Framework and requirements for distributed ledger technology-based distributed power trading systems
- ITU-T F.780.4 (09/2023): Reference framework, requirements and scenarios for telemedicine systems
- ITU-T G.798 (09/2023): Characteristics of optical transport network hierarchy equipment functional blocks
- ITU-T H.265 (V9) (09/2023): High efficiency video coding
- ITU-T H.266.1 (V2) (09/2023): Conformance specification for ITU-T H.266 versatile video coding
- ITU-T H.430.3 (V2) (09/2023): Service scenario of immersive live experience (ILE)
- ITU-T H.430.6 (09/2023): Media transport protocols, signalling information of haptic transmission for immersive live experience (ILE) systems
- ITU-T H.430.7 (09/2023): Requirements of interactive immersive services
- ITU-T H.644.6 (09/2023): Architecture for video distribution systems
- ITU-T H.644.7 (09/2023): Functional architecture for media processing services
- ITU-T H.705.1 (09/2023): Layered specification for the IPTV service platform functional architecture based on open service capabilities
- ITU-T H.705.2 (09/2023): Requirements for live streaming systems based on QUIC
- ITU-T H.862.6 (09/2023): Functional requirements for counselling services based on artificial emotional intelligence
- ITU-T K.153 (09/2023): Guidance on Determining the Compliance Boundaries (the exclusion zones) of radio transmitter installations
- ITU-T T.873 (V3) (09/2023): Information technology - Digital compression and coding of continuous-tone still images: Reference software

## 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>
BBIX Singapore Pte. Ltd.	BBIX Singapore Pte. Ltd.	+883 480	19.IX.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>
BBIX Singapore Pte. Ltd.	901 04	19.IX.2023

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

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

### Morocco (country code +212)

Communication of 11.IX.2023:

The *Agence Nationale de Réglementation des Télécommunications (ANRT)*, Rabat, announces the following updates to the national telephone-numbering plan of Morocco.

#### *Description of introduction of new resource for national E.164 numbering plan for country code +212:*

- new NDCs below have recently been introduced as follows:

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		
52932	9	9	Fixed telephone networks	Wana Corporate <sup>1</sup>
52933	9	9	Fixed telephone networks	Wana Corporate
52934	9	9	Fixed telephone networks	Wana Corporate
52935	9	9	Fixed telephone networks	Wana Corporate
52936	9	9	Fixed telephone networks	Wana Corporate
52937	9	9	Fixed telephone networks	Wana Corporate
52938	9	9	Fixed telephone networks	Wana Corporate
52939	9	9	Fixed telephone networks	Wana Corporate
5294	9	9	Fixed telephone networks	Wana Corporate
5295	9	9	Fixed telephone networks	Wana Corporate
5296	9	9	Fixed telephone networks	Wana Corporate
5297	9	9	Fixed telephone networks	Wana Corporate
5382	9	9	Fixed telephone networks	Wana Corporate
5383	9	9	Fixed telephone networks	Wana Corporate
5384	9	9	Fixed telephone networks	Wana Corporate
5385	9	9	Fixed telephone networks	Wana Corporate
5386	9	9	Fixed telephone networks	Wana Corporate
5387	9	9	Fixed telephone networks	Wana Corporate

<sup>1</sup> : INWI

Contact:

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URL: [www.anrt.ma](http://www.anrt.ma)

## 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)

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

### Section VI

#### ADD

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Contact Person: Athanassios Tzioumas.

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**RS30** Pan-United Shipping Pte. Ltd., 7 Temasek Boulevard, #16-01 Suntec Tower One,  
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Contact Person: Lim Huey Ching.



**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. 36)

**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) +883 480 ADD\***

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
BBIX Singapore Pte. Ltd.	BBIX Singapore Pte. Ltd.	+883 480	Assigned

\* 19.IX.2023

See page 5 of the present Operational Bulletin No. 1277 of 1.X.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. 103)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Hungary ADD</b>		
	216 04	Pro-M PrCo. Ltd.
<b>International Mobile, shared code ADD</b>		
	901 04	BBIX Singapore Pte. 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 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. 59)

<i>Country/ Geographical Area</i>			
<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<b>Estonia SUP</b>			
6-227-5	14109	Tallinn	Nord Connect OÜ
<b>Estonia ADD</b>			
3-244-2	8098	DOTTEL77	DOTT Telecom OÜ

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](http://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.IX.2023, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area/ Global network</i>	<i>Country Code (CC)</i>
Iridium Satellite	+881 6 and +881 7