

# 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.

- 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](http://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](http://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-34, 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.1023 (08/2023): Assessment method for circular scoring
- ITU-T L.1027 (08/2023): Assessment of material efficiency of ICT network infrastructure goods (circular economy) part 5- server and data storage product disassembly and disassembly instruction
- ITU-T L.1326 (08/2023): Requirements and use cases of liquid cooling solutions and high energy efficiency solutions for 5G BBU in Centralized-RAN mode
- ITU-T L.1471 (08/2023): Guidance and criteria for information and communication technology organizations on setting Net Zero targets and strategies

By TSB Circular 127 of 1 August 2023, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- ITU-T F.749.16 (07/2023): Requirements for logistics express delivery based on civilian unmanned aerial vehicles
- ITU-T F.751.8 (07/2023): Technical framework for DLT to cope with regulation

## 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>
GlobalmatiX AG	901 02	10.VIII.2023

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

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

### **Iridium Satellite LLC (country codes +881 6 and +881 7)**

Communication of 15.VIII.2023:

*Iridium Satellite LLC* announces the following information about the Iridium numbering plan and dialling procedure:

A 13<sup>th</sup> digit has been added to the dialling procedures for numbers in range +8816-xxx-xxxxx to support expanded Iridium services and subscriber growth. Iridium's MSISDNs are now either 12 digits or 13 digits long. These calls should therefore be considered valid.

Service providers are kindly requested to program their switches to enable access to these numbering ranges.

*Iridium Satellite LLC* has interconnection agreements with the following carriers listed below. At the present time, these are the only valid directly interconnected IXC carriers for terminating or originating traffic with the Iridium Network. Their local representative should be contacted for pricing and routing information:

AT&T (U.S.):	<a href="http://www.att.com/worldwide/">www.att.com/worldwide/</a>
Sinch (U.S.):	<a href="https://www.sinch.com/products/voice/voice-services/">https://www.sinch.com/products/voice/voice-services/</a>
Telstra International (AUS):	<a href="https://www.telstra.com.au/business-enterprise">https://www.telstra.com.au/business-enterprise</a>

*Iridium Satellite LLC* requests that access be ensured to the Iridium network using country codes +881 6 and +881 7, and has set up a recorded announcement in its switch that will enable customers to validate their routing.

To access this service, please dial: +881 6 311 10006 and  
+881 7 311 10007

Calls placed to these numbers will terminate at *Iridium Satellite LLC* switch with the following recorded announcement: "You have reached the Iridium Satellite Tempe Gateway, your access to the Iridium global network. Welcome."

The contact person below would appreciate an e-mail message or fax from you with the contact information for both the person responsible for your main translations and the main technical point of contact for your company. This will allow *Iridium Satellite LLC* to work together with customers to solve any routing problems and other issues that might arise.

For any questions, please contact:

Mr Angel Garcia  
Telecommunications Solution Engineer  
Iridium Satellite LLC  
8440 South River Parkway  
TEMPE, AZ 85284  
United States  
Tel: +1 480 752 5139  
E-mail: [angel.garcia@iridium.com](mailto:angel.garcia@iridium.com)  
URL: [www.iridium.com](http://www.iridium.com)

## 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)		

**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. 101)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Australia LIR</b>		
	505 90	UE Access Pty Ltd
<b>International Mobile, shared code ADD</b>		
	901 02	GlobalmatiX AG

\* 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