

# ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1255**

1.XI.2022

(Information received by 14 October 2022) ISSN 1564-5223 (Online)

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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-15, 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 X.1377 (10/2022): Guidelines for an intrusion prevention system for connected vehicles
- ITU-T Z.161 (10/2022): Testing and Test Control Notation version 3: TTCN-3 core language
- ITU-T Z.161.1 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Support of interfaces with continuous signals
- ITU-T Z.161.2 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support
- ITU-T Z.161.3 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization
- ITU-T Z.161.4 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types
- ITU-T Z.161.5 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Performance and real time testing
- ITU-T Z.161.6 (10/2022): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced Matching
- ITU-T Z.161.7 (10/2022): Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features
- ITU-T Z.165 (10/2022): Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI)
- ITU-T Z.165.1 (10/2022): Testing and Test Control Notation version 3: TTCN-3 extension package: Extended TRI
- ITU-T Z.166 (10/2022): Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)
- ITU-T Z.167 (10/2022): Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3

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

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

### Denmark (country code +45)

Communication of 13.X.2022:

The *Agency for Data Supply and Infrastructure*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Assignments

<i>Type</i>	<i>Numbering resource</i>	<i>Provider</i>	<i>Date of assignment</i>
Mobile communication	3575efgh	Hi3G Denmark ApS	6 July 2022
Mobile communication	4415efgh	XPLORA Technologies ApS	5 September 2022
Mobile communication	3574efgh	Greenwave Mobile IoT ApS	6 September 2022
Fixed communication	5595efgh	Colt Technology Services A/S	8 September 2022
Fixed communication	3275efgh	Colt Technology Services A/S	8 September 2022
Fixed communication	7072efgh	Colt Technology Services A/S	8 September 2022
Mobile communication	92292fgh	Mobile One LTD	8 September 2022

Contact:

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URL: [www.sdfi.dk](http://www.sdfi.dk)

## 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 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. 72)

**Ireland**    **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>
Ireland	<b>Sky Ireland Limited</b> 5 <sup>th</sup> floor, Burlington Plaza Burlington Road DUBLIN 4	<b>89 353 08</b>	Mark Carpenter 5 <sup>th</sup> floor, Burlington Plaza Burlington Road DUBLIN 4 Tel: +353 1 660 2125 E-mail: mark.carpenter@sky.ie	12.X.2022

**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. 83)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Georgia ADD</b>		
	282 15	"Servicebox" LTD
<b>Sweden SUP</b>		
	240 28	LINK Mobile A/S

\* 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 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. 140)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
nowenergy GmbH Grossbeerenstrasse 2 - 10 D-12107 BERLIN	<b>NOWENE</b>	Mr Jens Grallert Tel.: +49 30 206143 862 Fax: +49 30 206143 650 Email: schaltung-tk@primaholding.de



## 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. 45)

*Country/ Geographical Area*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<b>Sweden</b>	<b>SUP</b>		
2-205-7	5743	CoolTEL SMSC-KLD-1 (Kolding)	LINK Mobile A/S

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.X.2022, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Botswana	+267
Gibraltar	+350
Myanmar	+95
Senegal	+221