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Place des Nations CH-1211  
Genève 20 (Switzerland)  
Tel: +41 22 730 5111  
E-mail: [itumail@itu.int](mailto:itumail@itu.int)

Standardization Bureau (TSB)  
Tel: +41 22 730 5211  
Fax: +41 22 730 5853  
E-mail: [tsbmail@itu.int](mailto:tsbmail@itu.int) / [tsbtson@itu.int](mailto:tsbtson@itu.int)

Radiocommunication Bureau (BR)  
Tel: +41 22 730 5560  
Fax: +41 22 730 5785  
E-mail: [brmail@itu.int](mailto: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.

- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (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)
- 1111 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 1 November 2016)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)
- 1096 Legal time 2016
- 1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1055 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 July 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.PP-2006)
- 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))
- 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 (03/98)) (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 (03/2013)) | <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-32, 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.930 (03/2018): Multimedia telecommunication relay services
- ITU-T G.650.1 (03/2018): Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable
- ITU-T G.698.4 (03/2018): Multichannel bi-directional DWDM applications with port agnostic single-channel optical interfaces
- ITU-T G.808 (2016) Amd. 1 (03/2018)
- ITU-T G.993.5 (2015) Cor. 2 (03/2018)
- ITU-T G.994.1 (2017) Amd. 2 (03/2018)
- ITU-T G.997.1 (2016) Cor. 1 (03/2018)
- ITU-T G.997.2 (2015) Cor. 4 (03/2018)
- ITU-T G.998.2 (2005) Cor. 1 (03/2018)
- ITU-T G.7041/Y.1303 (2016) Cor. 1 (03/2018)
- ITU-T G.7701 (2016) Amd. 1 (03/2018)
- ITU-T G.7702 (03/2018): Architecture for SDN control of transport networks
- ITU-T G.7711/Y.1702 (03/2018): Generic protocol-neutral management Information Model for Transport Resources
- ITU-T G.8013/Y.1731 (2015) Cor. 1 (03/2018)
- ITU-T G.8031/Y.1342 (2015) Amd. 1 (03/2018)
- ITU-T G.8051/Y.1345 (03/2018): Management aspects of the Ethernet transport (ET) capable network element
- ITU-T G.8264/Y.1364 (2017) Amd. 1 (03/2018)
- ITU-T G.8266/Y.1376 (2016) Amd. 1 (03/2018)
- ITU-T G.8271/Y.1366 (2017) Amd. 1 (03/2018)
- ITU-T G.8271.1/Y.1366.1 (2017) Amd. 1 (03/2018)
- ITU-T G.8271.2/Y.1366.2 (2017) Amd. 1 (03/2018)
- ITU-T G.8273/Y.1368 (03/2018): Framework of phase and time clocks
- ITU-T G.8275.1/Y.1369.1 (2016) Amd. 2 (03/2018)
- ITU-T G.8275.2/Y.1369.2 (2016) Amd. 2 (03/2018)
- ITU-T G.9958 (03/2018): Generic architecture of home networks for energy management
- ITU-T G.9960 (2015) Cor. 4 (03/2018)
- ITU-T H.861.1 (03/2018): Requirements on establishing brain healthcare quotients
- ITU-T J.207 (03/2018): Specification for integrated broadcast and broadband digital television application control framework
- ITU-T J.297 (03/2018): Requirements and functional specification of cable set-top box for 4K ultra high definition television
- ITU-T J.382 (03/2018): Advanced digital downstream transmission systems for television, sound and data services for cable distribution

- ITU-T J.1107 (03/2018): Architecture and specification for Radio over IP transmission systems
- ITU-T L.108 (03/2018): Optical fibre cable elements for microduct blowing-installation application
- ITU-T L.156 (03/2018): Air-assisted installation of optical fibre cables
- ITU-T L.207 (03/2018): Passive node elements with automated ID tag detection
- ITU-T L.315 (03/2018): Water detection in underground closures for the maintenance of optical fibre cable networks with optical monitoring system
- ITU-T P.862 (2001) Cor. 2 (03/2018)
- ITU-T P.863 (03/2018): Perceptual objective listening quality assessment

## 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 27.III.2018:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Withdrawal – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
YouSee A/S	4841efgh and 4842efgh	16.III.2018

- Assignment – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Belgacom International Carrier Services SA	7815efgh	19.II.2018
TDC A/S	4841efgh and 4842efgh	16.III.2018

- Assignment – Mobile communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Uni-tel A/S	5455efgh	1.IV.2018

- Withdrawal – Premium rate services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
TDC A/S	9055efgh, 9091efgh, 90501fgh, 90502fgh, 90503fgh, 90504fgh, 90506fgh, 90507fgh, 90508fgh and 90509fgh	31.III.2018

#### Contact:

Danish Energy Agency  
 Amaliegade 44  
 1256 COPENHAGEN K  
 Denmark  
 Tel: +45 33 92 67 00  
 Fax: +45 33 11 47 43  
 E-mail: [ens@ens.dk](mailto:ens@ens.dk)  
 URL: [www.ens.dk](http://www.ens.dk)

## Other communications

### Austria

Communication of 20.III.2018:

On the occasion of a special workshop held in an Austrian school, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE6PUPIL** on 9 May 2018.

Communication of 27.III.2018:

On the occasion of the “International World Red Cross Day”, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE18WRCD** on 8 May 2018.

### Serbia

Communication of 23.III. 2018:

On the occasion of the 73<sup>rd</sup> anniversary of the Victory Day “Dan Pobede”, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT73DP** from 1 to 9 May 2018.

In remembrance of the tragic death of military pilot Major Goran Savic, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT44GS** from 20 to 30 September 2018.

On the occasion of the International Civil Aviation Day (7<sup>th</sup> December) and in remembrance of the foundation of the Air transportation Society “AEROPUT”, the Serbian Administration authorizes a Serbian section of International Flying HAM’s “Fifth Ocean” to use the special call sign **YT27AP** from 5 to 12 December 2018.

On the occasion of the 2018 FIFA World Cup in Russia, the Serbian Administration authorizes radio stations of the Amateur Radio Union of Serbia to use the special call sign **YU18FWC** from 1 June to 15 July 2018.

## 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)

## Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

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 1st November 2016)

(Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)  
(Amendment No.34)

<i>Country/Geographical area</i>	<i>MCC+MNC</i> *	<i>Operator/Network</i>
<b>Chile ADD</b>		
	730 22	CELLPLUS SPA
	730 23	CLARO SERVICIOS EMPRESARIALES S.A.
<b>France SUP</b>		
	208 12	Hewlett-Packard France
	208 18	Voxbone
	208 23	Omea Telecom
	208 29	Cubic Telecom France
	208 90	Images & Réseaux
	208 92	Plate-forme telecom
<b>France ADD</b>		
	208 19	Altitude Infrastructure
	208 32	Orange
	208 86	Nomotech
	208 87	Régie Autonome des Transports Parisiens
	208 89	Fondation b-com
	208 93	Thales communications & Security
	208 95	Orange
	208 96	Axione
	208 97	Thales communications & Security
208 98	Société Air France	



<i>Country/Geographical area</i>	<i>MCC+MNC</i> *	<i>Operator/Network</i>
<b>France LIR</b>	208 08	Société Française du Radiotéléphone
	208 09	Société Française du Radiotéléphone
	208 11	Société Française du Radiotéléphone
	208 13	Société Française du Radiotéléphone
	208 27	Coriolis Telecom
	208 30	Syma Mobile
	208 31	Vectone Mobile
<b>French Departments and Territories in the Indian Ocean ADD</b>	647 03	Telco OI
	647 04	Zeop Mobile
<b>French Departments and Territories in the Indian Ocean LIR</b>	647 00	Orange
<b>Guadeloupe ADD</b>	340 09	Free Caraïbe
<b>Guadeloupe LIR</b>	340 20	Digicel Antilles Françaises Guyane
<b>Portugal LIR</b>	268 12	Infraestruturas de Portugal, S.A.

\* 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 Issuer Identifier Numbers for  
the International Telecommunication Charge Card  
(in accordance with ITU-T Recommendation E.118 (05/2006))  
(Position on 15 November 2015)**

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)  
(Amendment No. 39)

**Japan                      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>
Japan	<b>LTE-X, Inc.</b> 5F Tennozu Yusen Bldg. 2-2-20 Higashi Shinagawa, Shinagawa-ku, TOKYO	<b>89 81 06</b>	Mr Yoshihisa Ito LTE-X, Inc. 5F Tennozu Yusen Bldg. 2-2-20 Higashi Shinagawa, Shinagawa-ku, TOKYO Tel:        +81 3 4405 5000 E-mail:    info@lte-x.co.jp	1.V.2018

## List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)  
(Amendment No. 34)

<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>Portugal</b> <b>LIR</b>		
2-139-7	5215	IP (RTINT1) LISBOA-GARE DO ORIENTE
		Infraestruturas de Portugal, S.A.
<b>Sweden</b> <b>ADD</b>		
7-207-5	15997	BSG-SMSC
		BSG Estonia 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 15.III.2018, 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
Burkina Faso	+226
Ghana	+233