

ITU Operational Bulletin

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<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1178	15.VIII.2019	31.VII.2019
1179	1.IX.2019	16.VIII.2019
1180	15.IX.2019	30.VIII.2019
1181	1.X.2019	16.IX.2019
1182	15.X.2019	1.X.2019
1183	1.XI.2019	15.X.2019
1184	15.XI.2019	1.XI.2019
1185	1.XII.2019	15.XI.2019
1186	15.XII.2019	2.XII.2019

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.

- 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)
- 1154 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 15 August 2018)
- 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)
- 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
- 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.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)) (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 (03/98)) (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)) | 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 |
| List of recognized operating agencies (ROAs) | www.itu.int/ITU-T/inr/roa/index.html |

Approval of ITU-T Recommendations

By AAP-62, 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 H.265 (V6) (06/2019): High efficiency video coding
- ITU-T K.20 (07/2019): Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents
- ITU-T K.21 (07/2019): Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents
- ITU-T K.77 (07/2019): Characteristics of metal oxide varistors for the protection of telecommunication installations
- ITU-T K.100 (07/2019): Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service
- ITU-T K.112 (07/2019): Lightning protection, earthing and bonding: Practical procedures for radio base stations
- ITU-T K.116 (07/2019): Electromagnetic compatibility requirements and test methods for radio telecommunication terminal equipment
- ITU-T K.123 (07/2019): Electromagnetic compatibility requirements for electrical equipment in telecommunication facilities
- ITU-T K.140 (07/2019)
- ITU-T K.141 (07/2019): Electromagnetic compatibility requirements for information perception equipment
- ITU-T L.1000 (07/2019): Universal power adapter and charger solution for mobile terminals and other hand-held ICT devices
- ITU-T L.1507 (07/2019): Use of ICT sites to support environmental sensing
- ITU-T T.832 (V4) (06/2019): Information technology - JPEG XR image coding system - Image coding specification
- ITU-T Y.4051 (07/2019): Vocabulary for smart cities and communities
- ITU-T Y.4906 (07/2019): Assessment framework for digital transformation of sectors in smart cities

Telephone Service (Recommendation ITU-T E.164)

url: www.itu.int/itu-t/inr/nnp

Denmark (country code +45)

Communications of 16.VII.2019 and 17.VII.2019:

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

- Assignment – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telenor Connexion AB	597defgh and 598defgh	9.VII.2019

- Assignment – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
lpnordic A/S	73111fgh	10.VII.2019

- Assignment – 4-digit service number

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
lpvision A/S	1819	12.VII.2019

Contact:

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URL: www.ens.dk

Service Restrictions

See URL: 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 – 2006)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	PAR	paragraph
COL	Column	REP	replace
LIR	Read	SUP	Delete
P	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. 14)

United Kingdom 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 Kingdom	Wavecrest Networks Ltd 4-12 Norton Folgate LONDON E1 6DB	89 44 48	Rhys Williams 4-12 Norton Folgate LONDON E1 6DB Tel.: +44 207 097 4000 Fax : +44 207 097 4001 E-mail: rhys.williams@wavecrest.eu	1.VII.2019

<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 Kingdom	Bluewave Communications Limited Unit 6, Tower House DOUGLAS, ISLE OF MAN IM1 2EZ	89 44 49	Martin John Unit 6, Tower House DOUGLAS, ISLE OF MAN IM1 2EZ Tel.: +44 113 320 3040 E-mail: martin.john@bwc.im	1.VIII.2019

**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.13)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Georgia ADD		
	282 13	"Asanet" LTD
Spain ADD		
	214 23	Xfera Móviles, S.A.U.
	214 38	Telefónica Móviles España, SAU

* 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. 82)

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
Germany (Federal Republic of) / DEU	ADD	
IDKOM Networks GmbH Dieselstrasse 1 D-87437 KEMPTEN	IDKOM	Mr. Markus Trinler Tel.: +49 831 59090 200 Fax: +49 831 59090 494 Email: portierung@idkom.de
Media Sachsenwald GmbH Hermann-Koerner-Strasse 61-63 D-21465 REINBEK	MSWG	Mr. Matthias Schubert Tel.: +49 4541 807 171 Fax: +49 4541 807 77171 Email: schubert@media-sachsenwald.de

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. 60)

<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>
Panama ADD			
7-031-5	14589	ITP Internacional	Digicel (Panama), S.A.
United Kingdom SUP			
2-167-3	5435	SU_UK1	SuperLINE Telecommunications Ltd
2-167-4	5436	SU_UK2	SuperLINE Telecommunications Ltd
2-188-4	5604	LDNSTP1	SMSRelay AG
2-188-5	5605	LDNSTP2	SMSRelay AG
2-188-6	5606	MSC1	SMSRelay AG
5-227-4	12060	Croydon 1	SOS Technology Limited
United Kingdom ADD			
2-179-5	5533	JALSTP1	Jersey Airtel Limited
2-185-5	5581	JALSTP2	Jersey Airtel Limited
2-187-1	5593	MSSGU	Jersey Airtel Limited
2-190-1	5617	GC-UK-STP-01	MTN GlobalConnect Solutions Limited
United Kingdom LIR			
2-071-2	4666	Arun	VODAFONE LIMITED
2-071-3	4667	Bollin	VODAFONE LIMITED
2-154-5	5333	Slough VOIP1	CenturyLink Communications UK Limited
2-154-6	5334	Docklands VOIP 1	CenturyLink Communications UK Limited
2-155-3	5339	KJCOPM01	Colt Technology Services Ltd
2-155-4	5340	GC Slough 1	CenturyLink Communications UK Limited
2-162-2	5394	Poplar Business Park Local	Colt Technology Services Ltd
2-162-3	5395	CLTLN9P0	Colt Technology Services Ltd
2-165-0	5416	GC Birmingham	CenturyLink Communications UK Limited
2-165-3	5419	London 2	PCCW Global UK Limited
2-165-7	5423	Kg John Carrier 1	Colt Technology Services Ltd
2-166-1	5425	Slough	CenturyLink Communications UK Limited
2-166-2	5426	BHXGSX1	Colt Technology Services Ltd
2-167-0	5432	BMSTP	SKD 4 Limited
2-169-7	5455	STPCY1	VODAFONE LIMITED
2-170-6	5462	King Johns Local	Colt Technology Services Ltd
2-174-0	5488	Kg John Carrier 2	Colt Technology Services Ltd
2-174-5	5493	STPER1	VODAFONE LIMITED
2-175-6	5502	Switch 1 - Goswell1	CenturyLink Communications UK Limited

*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>
2-175-7	5503	STPGL1	VODAFONE LIMITED
2-176-4	5508	UK2	SKD 4 Limited
2-176-7	5511	STPSN1	VODAFONE LIMITED
2-177-1	5513	STPRM1	VODAFONE LIMITED
2-177-6	5518	STPOM1	VODAFONE LIMITED
2-178-0	5520	STPPH1	VODAFONE LIMITED
2-178-5	5525	Paul Street DMS	CenturyLink Communications UK Limited
2-179-2	5530	STPPH2	VODAFONE LIMITED
2-185-0	5576	Marylebone	Colt Technology Services Ltd
2-190-6	5622	Bishopsgate	Colt Technology Services Ltd
2-190-7	5623	City	Colt Technology Services Ltd
2-191-3	5627	Switch 2 – Goswell 2	CenturyLink Communications UK Limited
2-191-4	5628	ipLCR Leman	CenturyLink Communications UK Limited
2-210-5	5781	ipLCR Poplar	CenturyLink Communications UK Limited
2-210-7	5783	Fleet	VODAFONE LIMITED
2-211-0	5784	BM1	Colt Technology Services Ltd
2-211-3	5787	Chet	VODAFONE LIMITED
4-240-6	10118	Switch 3 – Docklands 2	CenturyLink Communications UK Limited
4-247-6	10174	Lovat	VODAFONE LIMITED
4-253-2	10218	Colne	VODAFONE LIMITED
4-255-0	10232	Beult	VODAFONE LIMITED
5-226-4	12052	Lostock	VODAFONE LIMITED
5-226-6	12054	Trent	VODAFONE LIMITED
5-226-7	12055	SGWLD2	VODAFONE LIMITED
6-252-7	14311	LONDON1	PCCW Global UK Limited
7-224-0	16128	SGWOM2	VODAFONE LIMITED
7-243-2	16282	SGWBE1	VODAFONE LIMITED
7-243-3	16283	SGWKS1	VODAFONE LIMITED
7-243-4	16284	SGWGL1	VODAFONE LIMITED
7-243-5	16285	SGWMS1	VODAFONE LIMITED
7-251-5	16349	Meon	VODAFONE LIMITED
7-251-6	16350	Rea	VODAFONE LIMITED
7-253-2	16362	Severn	VODAFONE LIMITED

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

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), 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.VII.2019, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Trinidad and Tobago	+1 868
Jamaica	+1 876 / +1 658
Israel	+972