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1151	1.VII.2018	15.VI.2018
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1153	1.VIII.2018	17.VII.2018
1154	15.VIII.2018	1.VIII.2018
1155	1.IX.2018	16.VIII.2018
1156	15.IX.2018	31.VIII.2018
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1160	15.XI.2018	1.XI.2018
1161	1.XII.2018	15.XI.2018
1162	15.XII.2018	30.XI.2018

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)) | 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-35, 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 G.984.5 (2014) Amd. 1 (05/2018)
- ITU-T G.993.2 (2015) Amd. 4 (05/2018)
- ITU-T L.1207 (05/2018): Progressive migration of a telecommunication/information and communication technology site to 400 VDC sources and distribution
- ITU-T L.1222 (05/2018): Innovative energy storage technology for stationary use - Part 3: Supercapacitor technology
- ITU-T X.680 (2015) Cor. 3 (05/2018)
- ITU-T X.680 (2015) Amd. 1 (05/2018)
- ITU-T X.681 (2015) Cor. 1 (05/2018)
- ITU-T X.682 (2015) Cor. 2 (05/2018)
- ITU-T X.683 (2015) Cor. 1 (05/2018)
- ITU-T X.696 (2015) Cor. 3 (05/2018)
- ITU-T X.1041 (05/2018): Security framework for voice-over-long-term-evolution (VoLTE) network operation
- ITU-T X.1080.1 (05/2018): e-Health and world-wide telemedicines - Generic telecommunication protocol
- ITU-T X.1276 (05/2018): Authentication Step-Up Protocol and Metadata Version 1.0
- ITU-T Y.3601 (05/2018): Big data - framework and requirements for data exchange

Telephone Service (Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communication of 4.V.2018:

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

- Assignment – Mobile communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telenor Connexion AB	4745efgh, 4746efgh, 4748efgh, 4749efgh and 4948efgh	24.IV.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
URL: www.ens.dk

Myanmar (country code +95)

Communication of 11.V.2018:

The *Ministry of Transport and Communications*, Nay Pyi Taw, announces that the following updated numbering scheme has been added to the national numbering plan of Myanmar:

AUTO EXCHANGE NUMBERING (Geographic)

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee
1	1	424 xxxx	Yangon	8	Fortune International Limited
2	1	429 xxxx	Yangon	8	Horizon Telecom International Limited
3	1	462 xxxx	Yangon	8	Golden TMH Telecom Co.,Ltd
4	1	465 xxxx	Yangon	8	AGB Communication Co.,Ltd
5	1	468 xxxx	Yangon	8	VoIP Myanmar Group Co.,Ltd
6	1	470 xxxx	Yangon	8	Telecom International Myanmar Co.,Ltd
7	2	422 xxxx	Mandalay	8	Myanmar APN Co.,Ltd
8	2	424 xxxx	Mandalay	8	Fortune International Limited
9	2	462 xxxx	Mandalay	8	Golden TMH Telecom Co.,Ltd
10	2	468 xxxx	Mandalay	8	VoIP Myanmar Group Co.,Ltd
11	2	470 xxxx	Mandalay	8	Telecom International Myanmar Co.,Ltd
12	42	480 xxxx	Patheingyi	9	Telecom International Myanmar Co.,Ltd
13	43	470 xxxx	Sittoung	9	Telecom International Myanmar Co.,Ltd
14	45	470 xxxx	Pyawbwe	9	Telecom International Myanmar Co.,Ltd
15	52	470 xxxx	Bago	9	Telecom International Myanmar Co.,Ltd
16	54	470 xxxx	taungtha	9	Telecom International Myanmar Co.,Ltd
17	57	480 xxxx	Mawlamyine / Thanbyzayat	9	Telecom International Myanmar Co.,Ltd
18	58	470 xxxx	Hpa-An	9	Telecom International Myanmar Co.,Ltd
19	59	470 xxxx	Dawei	9	Telecom International Myanmar Co.,Ltd
20	63	470 xxxx	Magway	9	Telecom International Myanmar Co.,Ltd
21	67	460 xxxx	Naypyitaw	9	Myanmar APN Co.,Ltd
22	67	470 xxxx	Naypyitaw	9	Telecom International Myanmar Co.,Ltd
23	70	470 xxxx	Hakha	9	Telecom International Myanmar Co.,Ltd
24	71	470 xxxx	Monywa	9	Telecom International Myanmar Co.,Ltd
25	74	470 xxxx	Myittha / Bahmaw	9	Telecom International Myanmar Co.,Ltd
26	75	470 xxxx	Shwebo	9	Telecom International Myanmar Co.,Ltd
27	81	470 xxxx	Taungtha	9	Telecom International Myanmar Co.,Ltd
28	83	470 xxxx	Loikaw	9	Telecom International Myanmar Co.,Ltd

Non-Geographic Number

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee
1	11	5000 xxxx	non-geographic	10	Shwe Than Lwin Medis Co.,Ltd

Mobile Numbering

Sr No.	Area Code	Number series	System	Digit Length (including area code)	Operator
1	9	75 (0~2)xx - xxxx	WCDMA / GSM	10	Telenor Myanmar Limited

Tollfree Number

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee
1	800	800 (1~9) xxx	non-geographic	10	Myanma Posts and Telecommunications
2	800	801 (1~9) xxx	non-geographic	10	Ooredoo Myanmar Limited

Contact:

Ministry of Transport and Communications
Posts and Telecommunications Department (PTD)
Building No. 2,
NAY PYI TAW
Myanmar
Tel: +95 67 407 225
Fax: +95 67 407 216
E-mail: dg.ptd@mptmail.net.mm

Other communication

Secretary-General of ITU

Following the inquiry of the Administration of Serbia of 16 March 2018 regarding the use of Call Sign Series Z6 by amateur radio stations of Kosovo*, I would like to provide the following statement:

Pursuant to Article 19 of the Radio Regulations, notably its provisions Nos. **19.28B** and **19.33**, the management of international series of call signs is a prerogative of ITU. Call sign series can be allocated only to the administrations of the ITU Member States by world radiocommunication conferences or, between radiocommunication conferences, by the ITU Secretary-General. In this respect, the attention of the ITU administrations is drawn to the fact that ITU has not allocated call sign series Z6 to any of its Member States. Consequently, the utilization of call signs series Z6 by any entity without a formal allocation and consent of the ITU represents an unauthorized and illegal usage of this international numbering resource.

* This designation is without prejudice to position on status, and is in line with UNSCR 1244 and the ICJ opinion on Kosovo declaration of independence.

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 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 42)

Netherlands 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>
Netherlands	Wylesse Nederlands B.V. Tjaskermolenlaan 1-7 3447GE WOERDEN	89 31 32	Mr Ward Mertens Wylesse Nederlands B.V. Tjaskermolenlaan 1-7 3447GE WOERDEN Tel: +31 88 74 64 626 E-mail: wmertens@korewireless.com	16.IV.2018
Netherlands	Greenet Netwerk B.V. Maanlander 47, 3824 MN AMERSFOORT	89 31 11	Mr Bart Heinink Greenet Netwerk B.V. Maanlander 47, 3824 MN AMERSFOORT Tel: +31 628908201 E-mail: bart@greenet.nl	21.V.2018

United States 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 States	OptimERA Inc. 132 Loop Road UNALASKA AK 99685	89 1 049	Mr Jester Purtteman OptimERA Inc. P.O. Box 921134 DUTCH HARBOR AK 99692 Tel: +1 907 581 4983 E-mail: jester@optimerawifi.com	7.V.2018
United States	Dish Network 9601 South Meridian Boulevard ENGLEWOOD, CO 80112	89 1 051	Siddhartha Chenumolu Dish Network 1110 Vermont Avenue NW Suite 750 WASHINGTON DC 20005 Tel: +1 303 723 3714 E-mail: siddhartha.chenumolu@dish.com	1.VI.2018

**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. 37)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Myanmar ADD		
	414 20	Amara Communication Co.,Ltd
	414 21	Amara Communication Co.,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 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. 62)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
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Switzerland (Confederation of) / CHE ADD

Genza SA
rue de Lausanne 37
CH-1201 Genève

CH4141

Efe Demir
Tel: +90 5322333262
E-mail: ed@genza.ch

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. 37)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
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ISPC DEC

Hungary SUP

2-032-3	4355	BP MSTP1	Magyar Telekom Plc
2-032-4	4356	BP MSTP2	Magyar Telekom Plc

Kosovo* ADD

7-214-7	16055	IMS Severna Mitrovica	mts D.O.O.
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* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.

Spain ADD

4-235-2	10074	Las Rozas (Madrid)	NVÍA GESTIÓN DE DATOS, S.L.
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Switzerland ADD

2-059-0	4568	Pratteln	Fink Telecom Services
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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.V.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>
Burundi	+257