ITU Operational Bulletin

No. **1176** 15.VII.2019

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

Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853

E-mail: tsbmail@itu.int / tsbtson@itu.int

Radiocommunication Bureau (BR) Tel: +41 22 730 5560

Fax: +41 22 730 5785 E-mail: brmail@itu.int

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1177	1.VIII.2019	15.VII.2019
1178	15.VIII.2019	31.VII.2019
1179	1.IX.2019	16.VIII.2019
1180	15.IX.2019	30.VIII.2019
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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

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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.
- 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)
- 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)
- 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)
- Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 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)
- 274 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)
- 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)) Bureaufax Table (ITU-T Rec. F.170)

List of recognized operating agencies (ROAs)

www.itu.int/ITU-T/inr/icc/index.html www.itu.int/ITU-T/inr/bureaufax/index.html www.itu.int/ITU-T/inr/roa/index.html

Approval of ITU-T Recommendations

By AAP-61, 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 E.806 (06/2019): Measurement campaigns, monitoring systems and sampling methodologies to monitor the QoS in mobile networks
- ITU-T G.107.1 (06/2019): Wideband E-model
- ITU-T G.107.2 (06/2019): Fullband E-model
- ITU-T G.1028 (06/2019): End-to-end quality of service for voice over 4G mobile networks
- ITU-T G.1028.2 (06/2019): Assessment of the LTE circuit switched fall back impact on voice QoS
- ITU-T P.10/G.100 (2017) Amd. 1 (06/2019): New definitions for inclusion in Recommendation ITU-T P.10/G.100
- ITU-T P.64 (06/2019): Determination of sensitivity/frequency characteristics of local telephone systems
- ITU-T P.700 (06/2019): Calculation of loudness for speech communication
- ITU-T P.863.1 (06/2019): Application guide for Recommendation ITU-T P.863
- ITU-T P.1201.2 (2012) Cor. 2 (06/2019)
- ITU-T Y.3172 (06/2019): Architectural framework for machine learning in future networks including IMT-2020

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Telephone Service (Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communication of 19.VI.2019:

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

Withdrawal – Mobile communication services

Provider	Numbering series	Date of withdrawal
Vectone Mobile ApS	5063efgh, 7197efgh, 7198efgh, 8139efgh, 8146efgh, 8147efgh, 8148efgh, 8149efgh, 9126efgh, 9127efgh, 9128efgh, 9157efgh, 9225efgh, 9226efgh, 9227efgh and 9228efgh	3.X.2018

Assignment – Mobile communication services

Provider	Numbering series	Date of assignment
Ipnordic A/S	4412efgh	8.V.2019

• Modification – Change of Company name

Provider	Change of Company name	Date of modification
Flexonet International A/S	Flexonet ApS	3.V.2019

Contact:

Danish Energy Agency 43 Carsten Niebuhrs Gade 1577 COPENHAGEN K

Denmark

Tel: +45 33 92 67 00 Fax: +45 33 11 47 43 E-mail: ens@ens.dk URL: www.ens.dk

Gabon (country code +241)

Communication of 2.VII.2019:

The Autorité de Régulation des Communications Electroniques et des Postes, Libreville, announces that the date for the change of the numbering plan, initially set for 12 July 2019 at 00 h, Gabon time, has been postponed to **15 November 2019**.

Contact:

Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)

B.P. 50 000 LIBREVILLE Gabon

Tel. 1: +241 06078076 (Français) Tel. 2: +241 07387474 (English)

E-mail: moliere.enynkogho@arcep.ga; thierry.madoungou@arcep.ga

URL: www.arcep.ga

Israel (country code +972)

Communication of 25.VI.2019:

The *Ministry of Communications,* Jerusalem, announces the assignment of NDCs or leading digits of N(S)N for mobile and fixed services in Israel.

- 1. Assigned non-geographic prefix +972-55-26XXXXX for Telzar Ltd. for mobile telephony services in Israel.
- 2. Assigned non-geographic prefix +972-55-55XXXXX for Rami Levi Ltd. for mobile telephony services in Israel.
- 3. Assigned non-geographic prefix +972-79-6XXXXXXX for Hashikma N.G.N International Communications 015 Ltd. for fixed telephony services in Israel.

Contact:

Asaf Avraham
Head of Emergency and Numbering Section
Communication Engineering Division
Ministry of Communications
23 Jaffa Street
9199900 JERUSALEM

Israel

Tel: +972 3 519 8155 Fax: +972 3 519 8244 E-mail: AsafA@moc.gov.il

Jamaica (country code +1 876 / +1 658)

Communication of 26.VI.2019:

The Office of Utilities Regulation (OUR), Kingston, announces that in addition to NPA (Numbering Plan Area) 876, the North American Numbering Plan Administrator (NANPA; the Administrator) has assigned NPA 658 to Jamaica.

International dialling format: +1 876 NXX XXXX +1 658 NXX XXXX

Please see the following links to the NANPA website for the relevant industry notifications and publications by the Administrator:

https://nationalnanpa.com/pdf/PL_510.pdf https://nationalnanpa.com/pdf/PL_525.pdf https://nationalnanpa.com/enas/npa_query.do

Contact:

Mr Curtis N. Robinson Consultant - Numbering Administration and ICT Networks Office of Utilities Regulation 3rd Floor, PCJ Resource Centre 36 Trafalgar Road KINGSTON 10 Jamaica

Tel: +1 876 968 6053 Fax: +1 876 929 3635 E-mail: crobinson@our.org.jm URL: www.our.org.jm

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

Country/geographical a	rea OB
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Principe	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/

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AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD Insert PAR paragraph
COL Column REP replace
LIR Read SUP Delete
P page(s)

List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2019

Section VI

REP

JP01 KDDI CORPORATION, 3-2, Nishi-Shinjuku 2-Chome, Shinjuku-Ku,

Tokyo 163-8003, Japan.

E-mail: msat-service@kddi.com, Tel: +81 3 6386 9415, Fax: +81 3 6678 0368.

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.12)

Country/Geographical area	MCC+MNC *	Operator/Network
Denmark ADD		
	238 96	Telia Danmark
South Africa SUP		
	655 04	Sasol (Pty) Ltd
	655 11	SAPS Gauteng
	655 17	Sishen Iron Ore Company (Ltd) Pty
	655 21	Cape Town Metropolitan Council
	655 41	South African Police Service
	655 75	Airport Company South Africa (ACSA)
Sweden ADD		
	240 48	Tismi BV

^{*} 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

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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. 13)

Bulgaria ADD

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Bulgaria	Intelligent Traffic Systems AD 109 Opalchenska blvd, building 42A, ground floor 1233 SOFIA	89 359 20	Stanislava Arnaudova 109 Opalchenska blvd, building 42A, ground floor 1233 SOFIA Tel.: +359 87 4507777 E-mail: office@itsbulgaria.com	15.V.2019

Curação LIR

	T		1	
Country/	Company	Issuer	Contact	
Geographical	Name/Address	Identifier		
area		Number		
Curação	ANTELECOM N.V.	89 599 00	Sandro Every	
	Berg Arrarat 1		Berg Arrarat 1	
	P.O. Box 3177		P.O. Box 3177	
	WILLEMSTAD		WILLEMSTAD	
			Tel: +599 9 777 1508	
			Fax: +599 9 777 1284	
			Email: s.every@uts.cw	
Curaçao	UTS - SETEL	89 599 91	Sandro Every	
	Berg Arrarat 1		Berg Arrarat 1	
	P.O. Box 3177		P.O. Box 3177	
	WILLEMSTAD		WILLEMSTAD	
			Tel: +599 9 777 1508	
			Fax: +599 9 777 1284	
			Email: s.every@uts.cw	
Curaçao	Curaçao Telecom N.V.	89 599 96	Roeland M. Van der Hoeven / Julius Girigori	
	Biesheuvel 24-25		Biesheuvel 24-25	
	WILLEMSTAD		WILLEMSTAD	
			Tel: +599 9 736 1056	
			Fax: +599 9 736 1057	
			E-mail:	
			roeland.vanderhoeven@digicelgroup.c	
			om; julius.girigori@digicelgroup.com	

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Cuba LIR

Country/ Geographi cal area	Company Name/Address	Issuer Identifier Number	Contact
Cuba	Empresa de Telecomunicaciones de Cuba,	89 53 01	Frank Pavón Carbonell División de Servicios Móviles,
	S.A. (ETECSA)		Centro de Negocios Miramar,
	División de Servicios Móviles,		5ta Avenida y 76,
	Centro de Negocios Miramar,		Edificio Barcelona No. 304
	5ta Avenida y 76,		Municipio Playa, LA HABANA, CP 10300
	Edificio Barcelona No. 304		Tel: +53 5 268 0021
	Municipio Playa, LA HABANA,		Fax:
	CP 10300		E-mail: frank.pavon@cubacel.cu

France LIR

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact
France	Bouygues Telecom LE TECHNOPÔLE 13-15 AVENUE DU MARÉCHAL JUIN 92360 MEUDON CEDEX	89 33 20	Laurent BONNET LE TECHNOPÔLE 13-15 AVENUE DU MARÉCHAL JUIN 92360 MEUDON CEDEX Tel: +33 1 58 17 97 02 E-mail: LAUBONNE@bouyguestelecom.fr
France	Transatel 49/51 QUAI DE DION BOUTON CS 50034 92806 PUTEAUX CEDEX	89 33 22	Stéphane PYURAVEAU 49/51 QUAI DE DION BOUTON CS 50034 92806 PUTEAUX CEDEX Tel: +33 1 74 95 74 61 E-mail: stephane.puyraveau@transatel.com
France	Gemalto SA 6 rue de la Verrerie 92190 MEUDON	89 33 23	Denis PRACA GEMALTO SA, La Vigie, Avenue du Jujubier, Z.I. Athélia IV, 13705 LA CIOTAT Cedex Tel: +33 6 88 39 18 75 Fax: +33 4 42 36 55 55 E-mail: denis.praca@gemalto.com
France	Oberthur Technologies 420 Rue d'Estienne d'Orves 92700 COLOMBES	89 33 24	GAUVIN David 420 Rue d'Estienne d'Orves 92700 COLOMBES Tel: +33 1 78 14 72 89 Fax: E-mail: d.gauvin@oberthur.com

Guadeloupe LIR

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact
Guadeloupe	Orange Caraïbe 1 AVENUE NELSON MANDELA BP 2336 94110 ARCUEIL CEDEX	89 590 01	Valérie LABBE BP 2336 97196 JARRY CEDEX Tel: +590 590 38 52 12 E-mail: valerie.labbe@orange.com
Guadeloupe	United telecommunications services Caraïbe 24 RUE DE LA REPUBLIQUE 97150 MARIGOT ST MARTIN FRANCE	89 590 03	Kathia MAGDELEINE 24 RUE DE LA REPUBLIQUE 97150 MARIGOT ST MARTIN France Tel: +590 590 52 44 33 E-mail: k.magdeleine@uts.sx

Moldova (Republic of) ADD

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Moldova (Republic of)	J.S.C. MOLDTELECOM Bd. Stefan cel Mare 10 CHISINAU, MD-2001	89 373 03	Dan Mitriuc Bd. Stefan cel Mare 10 CHISINAU, MD-2001 Tel: +373 22570101 Fax: +373 22570111 E-mail: office@moldtelecom.md	8.V.2019

Saint-Pierre-et-Miquelon LIR

Country/ Geographical area	Company Name/Address	Issuer Identifier Number	Contact
Saint-Pierre- et-Miquelon	SAS SPM Telecom PLACE DU GENERAL DE GAULLE BP 4253 97500 ST PIERRE ET MIQUELON	89 508 01	Xavier BOWRING PLACE DU GENERAL DE GAULLE BP 4253 97500 ST PIERRE ET MIQUELON Tel: +508 508 41 00 27 E-mail: xbowring@spmtelecom.com

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. 81)

Country or area/ISO code Company Name/Address	Company Code Contact (carrier code)	
Germany (Federal Republic of) / DEU	ADD	
Glasfaser Bochum GmbH & Co.KG Ostring 28 D-44787 BOCHUM	GLABO	Mr. Jochen Bodamer Tel.: +49 234 960 2642 Fax: +49 234 960 2609 Email: jochen.bodamer@glasfaser-bochum.de
Klaus Niesen KN-Net IT Solutions Industriepark Europaallee D-54343 FOEHREN	KNNET4	Mr Klaus Niesen Tel.: +49 6578 9999 999 Email: kn@kn-net.de
MDTel GmbH Taunusstrasse 27 D-65760 ESCHBORN	MDTEL	Mr Mathias Doerr Tel.: +49 6173 605801 Fax: +49 6173 605802 Email: portierung@mdtel.de
Netz Leipzig GmbH Arno-Nitzsche-Strasse 35 D-04277 LEIPZIG	LNETZ	Mr Gerd Kroll Tel.: +49 341 121 6050 Fax: +49 341 121 6025 Email: gerd.kroll@netz-leipzig.de
Netzgesellschaft Herzebrock-Clarholz GmbH & Co.KG Am Rathaus 1 D-33442 HERZEBROCK-CLARHOLZ	NHCL	Mr Heinz-Dieter Wette Tel.: +49 5245 444 135 Fax: +49 5245 444 137 Email: heinz-dieter.wette@gt-net.de
Jens Schneeweiss Technische Systemprogrammierung Konrad-Adenauer-Strasse 9-13 D-45699 HERTEN	SCHNEE	Mr. Jens Schneeweiss Tel.: +49 2366 305330 Fax: +49 2366 305339 Email: jens@schneeweiss.de
Stadtwerke GmbH Bad Kreuznach Kilianstrasse 9 D-55543 BAD KREUZNACH	SWKH	Mr Klaus-Dieter Dreesbach Tel.: +49 671 991310 Fax: +49 671 991261 Email: k.dreesbach@stadtwerke-kh.de
Germany (Federal Republic of) / DEU	SUP	
Netzgesellschaft Herzebrock-Clarholz GmbH & Co.KG Am Rathaus 1 D-33442 HERZEBROCK-CLARHOLZ	19076	Mr Heinz-Dieter Wette Tel.: +49 5245 444 135 Fax: +49 5245 444 137 Email: heinz-dieter.wette@gt-net.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. 59)

Country/ Geographi	ical Area	Unique name of the signalling point	Name of the signalling point operator
ISPC	DEC		
Lesotho	ADD		
6-103-0	13112	VCLLKK	VODACOM LESOTHO
6-103-1	13113	VCLMSW	VODACOM LESOTHO
Mongolia	ADD		
4-056-1	8641	IGW	MONGOLIA TELECOM COMPANY
4-056-2	8642	STP	UNITEL LLC
4-056-4	8644	UNITEL MN	UNITEL LLC
Norway	ADD		
7-217-2	16074	Oslo_6	ICE Communication Norge AS
7-217-3	16075	Oslo_7	ICE Communication Norge AS

ISPC: International Signalling Point Codes.

Codes de points sémaphores internationaux (CPSI). Códigos de puntos de señalización internacional (CPSI).

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

Country/ Geographical area	Country Code (CC)
Gabon	+241
Iran (Islamic Republic of)	+98
Malta	+356
Tonga	+676
Uganda	+256