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Place des Nations CH-1211
Genève 20 (Switzerland)
Tel: +41 22 730 5111
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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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.

- 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)
- 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)
- 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-46, 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 K.20 (10/2018): Resistibility of telecommunication equipment installed in a telecommunication centre to overvoltages and overcurrents
- ITU-T K.21 (10/2018): Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents
- ITU-T K.44 (10/2018): Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents – Basic Recommendation

Telephone Service (Recommendation ITU-T E.164)

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

Liberia (country code +231)

Communication of 31.X.2018:

The *Liberia Telecommunications Authority (LTA)*, Monrovia, announces updates to the national numbering plan for Liberia.

Liberia Telecommunications Corporation's (LIBTELCO) number block (20) XXX XXXX has been deactivated.

Liberia uses a closed number scheme.

The updated national numbering plan is as follows:

Operator	Numbering series	Usage of ITU-T E.164 number	Max. Length	Min. Length
Novafone	(55) 5XX XXXX	Mobile	9	9
Orange, Liberia	(77) 0XX XXXX	Mobile	9	9
Orange, Liberia	(77) 5XX XXXX	Mobile	9	9
Orange, Liberia	(77) 6XX XXXX	Mobile	9	9
Orange, Liberia	(77) 7XX XXXX	Mobile	9	9
Orange, Liberia	(77) 8XX XXXX	Mobile	9	9
Orange, Liberia	(77) 9XX XXXX	Mobile	9	9
Lonestar Cell MTN	(88) 0XX XXXX	Mobile	9	9
Lonestar Cell MTN	(88) 6XX XXXX	Mobile	9	9
Lonestar Cell MTN	(88) 8XX XXXX	Mobile	9	9
Lonestar Cell MTN	(88) 1XX XXXX	Mobile	9	9
West Africa Telecoms Incorporated (WAT)	(33) 0XX XXXX	Fixed Wireless	9	9
Atlantic Reality & Investment Corporation	(33) 202 XXXX	Premium rate services	9	9
K-Tel Enterprise	(33) 23X XXXX	Premium rate services	9	9
K-Tel Enterprise	(33) 24X XXXX	Premium rate services	9	9
K3-Telecoms Liberia Incorporated	(33) 333 XXXX	Fixed	9	9

Contact:

Liberia Telecommunications Authority (LTA)
Building # D-168
Congotown Back Road
1000 MONROVIA
Liberia
Email: info@lta.gov.lr
URL: www.lta.gov.lr

Vanuatu (country code +678)

Communication of 26.X.2018:

The *Telecommunications, Radiocommunication and Broadcasting Regulator*, Port-Vila, announces the introduction of new Fixed (non-geographic) number ranges as follows in the Vanuatu National Numbering Plan:

*Description of introduction of new resource for
national E.164 numbering plan for country code 678:*

<i>NDC (national destination code) or leading digits of N(S)N (national (significant) number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 number</i>	<i>Time and date of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
340xx – 349xx	Five	Five	Fixed – Non Geographical assigned to Digicel (Vanuatu) Limited	3 November 2018

Contact:

Ms Dalsie Baniala
Telecommunications, Radiocommunication and Broadcasting Regulator
P.O. Box 3547
PORT-VILA
Vanuatu
Tel: +678 27621
Fax: +678 27440
E-mail: enquiries@trbr.vu
URL: www.trbr.vu

Other communication

Austria

Communication of 24.X.2018:

On the occasion of the 120th anniversary of “Ship-to-Ship-Radiocommunication” in Austria, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE120MF** from 21 to 23 December 2018.

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. 51)

Austria LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Austria	Hutchison Drei Austria GmbH Brünner Straße 52 A-1210 WIEN	89 43 05	Dr Natalie Ségur-Cabanac Brünner Straße 52 A-1210 WIEN Tel: +43 5066063202 E-mail: natalie.segur-cabanac@drei.com
Austria	T Mobile Austria GmbH Rennweg 97-99 A-1030 WIEN	89 43 03	Mag. Anja Tretbar-Bustorf Rennweg 97-99 A-1030 WIEN Tel: +43 676 8200 6135 Fax: +43 1 79585 96135 E-mail: anja.tretbar-bustorf@t-mobile.at
Austria	T Mobile Austria GmbH Rennweg 97-99 A-1030 WIEN	89 43 07	Mag. Anja Tretbar-Bustorf Rennweg 97-99 A-1030 WIEN Tel: +43 676 8200 6135 Fax: +43 1 79585 96135 E-mail: anja.tretbar-bustorf@t-mobile.at
Austria	T Mobile Austria GmbH Rennweg 97-99 A-1030 WIEN	89 43 13	Mag. Anja Tretbar-Bustorf Rennweg 97-99 A-1030 WIEN Tel: +43 676 8200 6135 Fax: +43 1 79585 96135 E-mail: anja.tretbar-bustorf@t-mobile.at

Belgium 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>
Belgium	NETHYS Rue de Louvrex 5 4000 LIEGE	89 32 05	France Vandermeulen Avenue Ariane 5 1200 BRUXELLES Tel: +32 496 59 82 82 E-mail: france.vandermeulen@staff.voo.be	1.VI.2018

Germany 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>
Germany	Giesecke+Devrient Mobile Security GmbH Prinzregentenstr. 159 81677 MUENCHEN	89 49 38	Daniel Daksiewicz Prinzregentenstr. 159 81677 MUENCHEN Tel: +49 89 4119 0 E-mail: daniel.daksiewicz@gi-de.com	1.I.2019

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	Marubeni Wireless Communications Inc. 1-17-18, Shinkawa, Chuo-ku, TOKYO 1040033	89 81 08	Koichi Nogami 1-17-18, Shinkawa, Chuo-ku, TOKYO 1040033 Tel: +81 3 5117 2031 Fax: +81 3 3206 1150 E-mail: nogami.koichi@marubeni- wireless.com	1.I.2019

Malaysia SUP

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of cancellation</i>
Malaysia	webe digital sdn bhd 159 Jalan Templer 46050 PETALING JAYA, SELANGOR	89 60 30	Muhamad Hafiz Bin Senin Regulatory Department, Level 8, 159 Jalan Templer 46050 PETALING JAYA, SELANGOR Tel: +60 11 1000 2000 E-mail: muhamad.hafiz@webe.com.my	5.X.2018

United Kingdom LIR

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
United Kingdom	Arm 110 Fulbourn Road Cambridge, UK CB1 9NJ	89 44 45	Patrick Biget Arm 6 Avenue Gustave Eiffel 78180 Montigny-le-Bretonneux France Tel: +33 6 62 51 55 01 E-mail: patrick.biget@arm.com

**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.47)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Estonia ADD		
	248 15	Premium Net International S.R.L. Eesti filiaal
Sweden ADD		
	240 34	Trafikverket centralfunktion IT

* 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. 70)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	ADD	
autphone GmbH Herzog-Albrecht-Strasse 11 94544 HOFKIRCHEN	AUT430	Tomislav Mrksa Tel.: +49 8545 233 99 00 Fax: +49 8545 233 99 09 E-mail: tomislav.mrksa@autphone.com
Euralink Pappelallee 78/79 10437 BERLIN	EURAL	Mr Tim Steinmann Tel.: +49 30 3187 9580 0 Fax: +49 30 3187 9580 9 E-mail: porting@aura.link
Stadtwerke Schorndorf GmbH Augustenstr. 7 73614 SCHORNDORF	SW1912	Mr Matthias Pickel Tel.: +49 7181 96450 500 Fax: +49 7181 96450 191 E-mail: matthias.pickel@stadtwerke-schorndorf.de
telenetwork AG Am Wissenschaftspark 13 54296 TRIER	TNWAG	Mr Peter Schoemer Tel.: +49 651 93779 0 Fax: +49 651 93779 799 E-mail: peter.schoemer@telenetwork.de
Via-Vox GmbH Friedrich-Ebert-Anlage 36 60325 FRANKFURT	VIAVOX	Mr Yorck Mothes Tel.: +49 2058 788018 Fax: +49 2058 788012 E-mail: y.mothes@s-c-international.de

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.X.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>
Botswana	+267