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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.

- 1251 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 September 2022)
- 1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)
- 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)
- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (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)
- 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 Rev. PP-06)
- 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 (03/1998)) (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)

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 and deletion of ITU-T Recommendations

By AAP-16, 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 J.1 (10/2022): Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks
- ITU-T J.224 (10/2022): Fifth-generation transmission systems for interactive cable television services - IP cable modems
- ITU-T J.225 (10/2022): Fourth-generation transmission systems for interactive cable television services - IP cable modems
- ITU-T J.1611 (10/2022): Functional requirements for Smart Home Gateway

By TSB Circular 47 of 21 October 2022, it was announced that the following ITU-T Recommendations were deleted in accordance with the procedures outlined in Resolution 1:

- ITU-T Q.1521 (06/2000): Requirements on underlying networks and signalling protocols to support UPT
- ITU-T Q.1531 (06/2000): UPT security requirements for Service Set 1
- ITU-T Q.1541 (05/1998): UPT stage 2 for Service Set 1 on IN CS-1 – Procedures for universal personal telecommunication: Functional modelling and information flows
- ITU-T Q.1542 (06/2000): UPT stage 2 for Service Set 1 on IN CS-2 – Procedures for universal personal telecommunication: Functional modelling and information flows
- ITU-T Q.1551 (06/1997): Application of Intelligent Network Application Protocols (INAP) CS-1 for UPT service set 1

Telephone Service (Recommendation ITU-T E.164)

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

Guinea-Bissau (country code +245)

Communication of 29.X.2022:

La *Autoridade Reguladora Nacional das Tecnologias de Informação e Comunicação (ARN)*, Bissau, announces the following update of the National Numbering Plan (NNP) for telephony in Guinea-Bissau.

The NNP is a closed, nine-digit plan with the following format:

CC (Country Code) = +245

N(S)N (National (Significant) Number) comprising nine digits: SABPQMCDU

N(S)N: NDC (National Destination Code) + SN (Subscriber Number)

Incoming International calls:

International numbering format: CC (245) + N(S)N (nine digits)

Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 9 digits

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): not applicable

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): not applicable

d) Detail of numbering plan:

1. Fixed telephony numbers

The blocks of numbers for which “S” is “4” are reserved for the fixed telephony networks.

The list of numbers SABPQMCDU currently allocated to the operator Guiné Telecom for its fixed telephony network is as follows:

N(S)N* (NDC +SN)		N(S)N number length		Usage of ITU-T E.164 Number	Additional information
Prefix	BP	Maximum length	Minimum length		
44	30X XXXX	9	9	Fixed telephony	Guiné Telecom
44	31X XXXX	9	9	Fixed telephony	
44	32X XXXX	9	9	Fixed telephony	
44	33X XXXX	9	9	Fixed telephony	
44	34X XXXX	9	9	Fixed telephony	
44	35X XXXX	9	9	Fixed telephony	
44	36X XXXX	9	9	Fixed telephony	
44	37X XXXX	9	9	Fixed telephony	
44	38X XXXX	9	9	Fixed telephony	
44	39X XXXX	9	9	Fixed telephony	

2. Mobile telephony numbers

The blocks of numbers for which “S” is “9” are reserved for the mobile telephony networks.

The list of numbers SABPQMCDU currently allocated to the operator Orange Bissau for its mobile phone network is as follows:

<i>N(S)N* (NDC +SN)</i>		<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
<i>Prefix</i>	<i>BP</i>	<i>Maximum length</i>	<i>Minimum length</i>		
95	50X XXXX	9	9	Mobile GSM	Orange Bissau
95	51X XXXX	9	9	Mobile GSM	
95	52X XXXX	9	9	Mobile GSM	
95	53X XXXX	9	9	Mobile GSM	
95	54X XXXX	9	9	Mobile GSM	
95	55X XXXX	9	9	Mobile GSM	
95	56X XXXX	9	9	Mobile GSM	
95	57X XXXX	9	9	Mobile GSM	
95	58X XXXX	9	9	Mobile GSM	
95	59X XXXX	9	9	Mobile GSM	
95	60X XXXX	9	9	Mobile GSM	
95	61X XXXX	9	9	Mobile GSM	
95	62X XXXX	9	9	Mobile GSM	
95	63X XXXX	9	9	Mobile GSM	
95	64X XXXX	9	9	Mobile GSM	
95	65X XXXX	9	9	Mobile GSM	
95	66X XXXX	9	9	Mobile GSM	
95	67X XXXX	9	9	Mobile GSM	
95	68X XXXX	9	9	Mobile GSM	
95	69X XXXX	9	9	Mobile GSM	
95	70X XXXX	9	9	Mobile GSM	
95	71X XXXX	9	9	Mobile GSM	
95	72X XXXX	9	9	Mobile GSM	
95	73X XXXX	9	9	Mobile GSM	
95	74X XXXX	9	9	Mobile GSM	
95	75X XXXX	9	9	Mobile GSM	
95	76X XXXX	9	9	Mobile GSM	
95	77X XXXX	9	9	Mobile GSM	
95	78X XXXX	9	9	Mobile GSM	
95	79X XXXX	9	9	Mobile GSM	

The list of numbers SABPQMCDU currently allocated to the operator Spacetel Guiné-Bissau (MTN) for its mobile phone network is as follows:

<i>N(S)N* (NDC +SN)</i>		<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
<i>Prefix</i>	<i>BP</i>	<i>Maximum length</i>	<i>Minimum length</i>		
96	60X XXXX	9	9	Mobile GSM	Spacetel Guiné-Bissau (MTN)
96	61X XXXX	9	9	Mobile GSM	
96	62X XXXX	9	9	Mobile GSM	
96	63X XXXX	9	9	Mobile GSM	
96	64X XXXX	9	9	Mobile GSM	
96	65X XXXX	9	9	Mobile GSM	
96	66X XXXX	9	9	Mobile GSM	
96	67X XXXX	9	9	Mobile GSM	
96	68X XXXX	9	9	Mobile GSM	
96	69X XXXX	9	9	Mobile GSM	
96	50X XXXX	9	9	Mobile GSM	
96	51X XXXX	9	9	Mobile GSM	
96	52X XXXX	9	9	Mobile GSM	
96	53X XXXX	9	9	Mobile GSM	
96	90X XXXX	9	9	Mobile GSM	
96	91X XXXX	9	9	Mobile GSM	
96	92X XXXX	9	9	Mobile GSM	

The list of numbers SABPQMCDU currently allocated to the operator Guinétel for its mobile phone network is as follows:

<i>N(S)N* (NDC +SN)</i>		<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
<i>Prefix</i>	<i>BP</i>	<i>Maximum length</i>	<i>Minimum length</i>		
97	70X XXXX	9	9	Mobile GSM	Guinétel
97	71X XXXX	9	9	Mobile GSM	
97	72X XXXX	9	9	Mobile GSM	
97	73X XXXX	9	9	Mobile GSM	
97	74X XXXX	9	9	Mobile GSM	
97	75X XXXX	9	9	Mobile GSM	
97	76X XXXX	9	9	Mobile GSM	
97	77X XXXX	9	9	Mobile GSM	
97	78X XXXX	9	9	Mobile GSM	
97	79X XXXX	9	9	Mobile GSM	

Contact:

Mr Téofilo Lopes
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 Caixa Postal 1372
 BISSAU
 Guinea-Bissau
 Tel: +245 966 88 23 53
 +245 955 29 60 70
 E-mail: teofilo.lopes@arn.gw; info@arn.gw; lopesteofilo@gmail.com
 URL: www.arn.gw

Madagascar (country code +261)

Communication of 21.X.2022:

The *Autorité de Régulation des Technologies de Communication (ARTEC)*, Antananarivo, announces the following updates to the national numbering plan of Madagascar.

*Description of introduction of new resources
for national E.164 numbering plan for country code +261:*

<i>Operator</i>	<i>Operator code</i>	<i>Range of numbers</i>
ORANGE MADAGASCAR	37	+261 37 XX XXX XX
TELECOM MALAGASY	38	+261 38 XX XXX XX

International dialling format: +261 37 XX XXX XX and +261 38 XX XXX XX

Contact:

Autorité de Régulation des Technologies de Communication (ARTEC)
Lot IVL 41 Ter B Andohatapenaka
101 ANTANANARIVO
Madagascar
Tel: +261 20 22 421 19
Fax: +261 20 23 215 16
E-mail: artec@artec.mg
URL : www.artec.mg

Testing Laboratories recognized by ITU

According to the [ITU-T Guideline on “Testing Laboratories recognition procedure” \(2022\)](#) and based on the application received as of 24 October 2022, one Testing Laboratory, which fulfils the criteria defined in the clause 9 of the above-mentioned ITU-T Guideline, was registered in the ITU Testing Laboratory Database (<https://itu.int/go/tldb>). Any queries can be addressed to conformity@itu.int. More details are available on ITU C&I Portal at: <https://itu.int/go/citest>.

Recognized testing laboratory is:

Testing Laboratory	Country	Scope of Accreditation (ITU-T Recommendations)
Potin (Beijing) Technology Co., Ltd.	China	G.691; G.694.1; G.694.2; G.695; G.697; G.698.1; G.698.2; G.703; G.704; G.707; G.709; G.709.1; G.709.2; G.709.3; G.783; G.784; G.811; G.812; G.813; G.821; G.823; G.824; G.825; G.826; G.828; G.829; G.831; G.841; G.872; G.873.1; G.873.2; G.957; G.959.1; G.984.1; G.984.2; G.984.3; G.984.4; G.984.5; G.984.6; G.984.7; G.987.1; G.987.2; G.987.3; G.988; G.989.1; G.989.2; G.989.3; G.7041; G.7042; G.7043; G.7044; G.7713; G.7713.2; G.7714; G.7714.1; G.8011; G.8013/Y.1731; G.8040; G.8110; G.8110.1; G.8112; G.8131; G.8132; G.8151; G.8152; G.8201; G.8251; G.8261; G.8262; G.8272; G.8273.2; G.8275.1; G.9807.1; G.9807.2; Q.521; Q.552; Q.781; Q.782; Q.783; Q.784; Q.785; Q.921; Q.931; Q.1912.5; H.245; H.248.1; H.264; H.265; H.323; E.180; I.431; J.144 K.21; M.2100; M.2101; M.3010; P.310; P.342; V.24; Y.1711; Y.1720

Other communication

Austria

Communication of 22.IX.2022:

On the occasion of the "YOTA Month 2022" of the IARU, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE8YOTA** from 1 to 31 December 2022.

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-06)

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 Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2022

Section VI

SUP

- IA02** PT. Pelayaran Prima Eksekutif, Jl. Rajawali No. 14A, Surabaya 60175, Indonesia.
E-mail: jmff200@indosat.net.id, Tel: +62 21 5223414, +62 31 3538666,
Fax: +62 21 5223413, +62 31 3540195,
Contact Persons: Sutarto and Endang Sumartini.
- IA03** PT. Djakarta Lloyd, Jalan Raden Saleh Raya no. 51 Cikini,
Menteng, Jakarta 10330, Indonesia.
E-mail: info@djakartalloyd.co.id, Tel: +62 21 2961 9724, Fax: +62 21 2961 9725,
Contact Person: Capt. Susetyo Tjiptadi, M. Mar.
- IA10** PT. Gesuri Lloyd, Jl. Tiang Bendera IV No. 45, Jakarta 11230, Indonesia.
E-mail: operation_liner@gesuri.co.id, Tel: 62 21 6904000, Fax: +62 21 6912024,
Contact Person: M. Hendrato, General Manager.
- IA16** PT. Indomarcss, Jl. Let Jend Soeprapto No. 14, Jakarta, Indonesia.
Tel: +62 21 4248201, Fax: +62 21 424820,
Contact Person: Yenny S, Finance.
- IA18** PT. Pupuk Sriwijaya, Jl. Mayor Zen Ilir Timur II, Palembang 30118, Indonesia.
Tel: +62 711 712111, Fax: +62 711 712100,
Contact Person: Ir. Ferry Adriaansz.
- IA22** PT. Pelayaran Nusa Tenggara, Jl. Kenanga II No. 19, RT.07/RW.14,
Kel. Rawa Badak, Tanjung Priok, Jakarta Utara, Indonesia.
Tel: +62 21 4302479, Fax: +62 21 4302479,
Contact Person: I. Nyoman Arya, SH, MM.
- IA24** PT. Indofood Sukses Makmur (Bogasari Flour Mills), Jl. Raya Cilincing No. 1 Tanjung Priok, Jakarta
14110, Indonesia.
Tel: +62 21 43920078, Fax: +62 21 4370112,
Contact Person: Ridwan Tanidjaja, Agency Manager.

**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. 84)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Bahrain ADD		
	426 06	STC Bahrain
	426 07	TAIF
Lao P.D.R. ADD		
	457 03	Star Telecom Co., Ltd
	457 07	Best Telecom Co., Ltd
Lao P.D.R. LIR		
	457 01	Lao Telecommunication Public Company
	457 02	ETL Company Limited
	457 08	TPLUS Digital Sole Company Limited
Spain SUP		
	214 33	XFERA MÓVILES, S.A.U.

* 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. 141)

<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		
GLASFASER RUHR GmbH & Co.KG Katharinastrasse 1 D-44793 BOCHUM	GFRUHR	Mr Ingo Totzauer Tel.: +49 234 9603813 Email: i.totzauer@glasfaser-ruhr.de
Stadtwerke Rotenburg (Wümme) GmbH Mittelweg 19 D-27356 ROTENBURG (WUEMME)	ROWTEL	Mr Henning Meyer Tel.: +49 4261 675 900 Email: glasfaser@stadtwerke-rotenburg.de
mawacon GmbH Am Toenniesberg 20 D-30453 HANNOVER	MAWACN	Mrs Alexandra Schmidt-Laubscher Tel.: +49 159 01360831 Email: a.schmidt-laubscher@mawacon.eu
Germany (Federal Republic of) / DEU		
LIR		
KSP-Kabelservice Prenzlau GmbH Freyschmidtstrasse 20 17291 PRENZLAU	KSP01	Mrs Susanne Gebhardt Tel.: +49 3984 853 113 Fax: +49 3984 853 199 Email: susanne.gebhardt@stadtwerke-prenzlau.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.2022, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Bermuda	+1 441
Kuwait	+965
Zambia	+260