

ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1253**

1.X.2022

(Information received by 15 September 2022) ISSN 1564-5223 (Online)

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

Table of Contents

	<i>Page</i>
GENERAL INFORMATION	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99)): <i>Note from TSB</i>	4
Telephone Service:	
Botswana (<i>Botswana Communications Regulatory Authority (BOCRA)</i> , Gaborone)	5
Gibraltar (<i>Gibraltar Regulatory Authority</i>)	14
Myanmar (<i>Ministry of Transport and Communications</i> , Nay Pyi Taw)	15
Senegal (<i>Autorité de Régulation des Télécommunications et des Postes (ARTP)</i> , Dakar).....	17
Testing Laboratories recognized by ITU	19
Service Restrictions	21
Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)	21
AMENDMENTS TO SERVICE PUBLICATIONS	
List of Ship Stations and Maritime Mobile Service Identity Assignments (List V)	22
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions.....	22
List of Signalling Area/Network Codes (SANC)	23
List of International Signalling Point Codes (ISPC).....	23
National Numbering Plan	24

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1254	15.X.2022	30.IX.2022
1255	1.XI.2022	14.X.2022
1256	15.XI.2022	1.XI.2022
1257	1.XII.2022	15.XI.2022
1258	15.XII.2022	30.XI.2022
1259	1.I.2023	9.XII.2022

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 of ITU-T Recommendations

By TSB Circular 38 of 15 September 2022, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- ITU-T X.1352 (09/2022): Security Requirements for Internet of things (IoT) device and gateway
- ITU-T X.1813 (09/2022): Security and monitoring requirements for operation of vertical services supporting ultra-reliability and low latency communication (URLLC) in IMT-2020 private network
- ITU-T X.1814 (09/2022): Security guidelines for IMT-2020 communication system

Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99))

Note from TSB

At the request of the Administration of the Sultanate of Oman, the Director of TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system No. 7 network of this country/geographical area, in accordance with Recommendation ITU-T Q.708 (03/99):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Oman (Sultanate of)	4-203

SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

Telephone Service (Recommendation ITU-T E.164)

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

Botswana (country code +267)

Communication of 9.IX.2022:

The *Botswana Communications Regulatory Authority (BOCRA)*, Gaborone, announces the updated national numbering plan of Botswana.

NATIONAL NUMBERING PLAN AND LIST OF NUMBERING RESOURCE ALLOCATIONS AND ASSIGNMENTS

DEFINITIONS

“Administration of Numbering Resources” means the set of activities associated with the Assignment, Designation, and the oversight and monitoring of Numbering Resources, whose Allocation is established in the Numbering Plan.

“Allocation” means the attribution of the purpose and quantitative capacity of sets of Numbering Resources established in Numbering Plan.

“Assignment” means the allotment of Numbering Resources previously allocated in a Numbering Plan for a given telecommunications service provider or end-user.

“Assignee” means a person (natural or legal) to whom an assignment of numbers is made.

“End user” means a person who utilizes telecommunications services by assigned numbering resources.

“Facilities-based Service Provider” means a service provider who owns and operates the telecommunications network facilities used in the provision of a specified service.

“Freephone” means telephone service whereby a subscribing organization can pay for the incoming calls made by its clients or customers.

“National Numbering Plan” means the identification of the framework for allocation of ordinary numbering blocks, carrier identification codes, short codes, and other unique numbering resources to different applications and categories of resource

“Primary assignment” means the assignment of numbering resources by the BOCRA to individual companies and service providers.

“Public Land Mobile Network” means a combination of wireless communication services offered by a specific operator in a specific country

“Public Switched Data Networks” means a publicly available network supporting packet-switched data, separate from the Public Switched Telephone Network.

“Public Switched Telephone Network” means is the aggregate of the world's circuit-switched telephone networks that are operated by national, regional, or local telephone operators, providing infrastructure and services for public telecommunication

“Secondary assignment” means the assignment of numbering resources by recipients of a primary assignment to their customers.

“Shared calls” means is the sharing of a phone number across multiple devices in different locations

ACRONYMS

CRA Act	Communications Regulatory Authority Act
BOCRA	Botswana Communications Regulatory Authority,
CRASA	Communications Regulators Association of Southern Africa.
CC	Country Code
DNIC	Data Network Interface Codes
IoT	Internet of Things
ISPC	International Signalling Point Codes
M2M	Machine to Machine
MNC	Mobile Network Codes
MCC	Mobile Country Code
MNO	Mobile Network Operator
NCC	Network Colour Codes
NSPC	National Signalling Point Codes
NNP	National Numbering Plan
PRS	Premium Rate Services
PLMN	Public Land Mobile Network (PLMN)
PSDN	Public Switched Data Network
PSTN	Public Switched Telephone Network (PSTN)
SADC	Southern Africa Development Community
SPC	Signalling Point Code
USSD	Unstructured Supplementary Service Data
VANs	Value Added Network Service providers
VoIP	Voice Over Internet Protocol

1. INTRODUCTION

1.1 Section 38 of the Communications Regulatory Authority Act of 2012, grants Botswana Communications Regulatory Authority (the Authority or BOCRA) the mandate to maintain a Numbering Plan and other telecommunication numbering resources used in Botswana.

1.2 In fulfilling this statutory mandate, BOCRA is required to develop a National Numbering Plan (NNP) for the efficient use of the numbering resources of telecommunications services and ensure adherence to the plan regarding the allocations and assignments of the numbering resources to the service providers. To achieve this mandate BOCRA shall:

- 1.2.1 Ensure that the National Numbering Plan, where applicable, will ensure that it is compatible with relevant Numbering Plan Standards and Industry Guidelines, International Agreements, Standards and Recommendations.
- 1.2.2 Manage the National Numbering Plan Allocations and Assignments to ensure that there are enough numbers available to meet current and reasonably anticipated future demands of services.
- 1.2.3 Ensure that there is equity, efficiency and transparency in the allocation and primary assignment of numbers, and that costs to service providers and consumers are objectively justified.

2. PURPOSE

The purpose of the National Numbering Plan is to ensure transparent, non-discriminatory and efficient use of numbers. This practice assures service providers and end-users of excellent provision and consumption of telecommunications services.

3. BACKGROUND

3.1 BOCRA adopts the principles and procedures, in the form of administration of Numbering Policies, Numbering Plan Code of Conduct and Numbering Database that govern the way numbering resources are allocated and assigned. These administrative mechanisms promote fair and efficient allocation, assignment and use of numbering resources. This shall provide BOCRA and the Service Providers with a management platform and the end users with specific identification of their respective services in relation to the numbering plan.

4. NATIONAL NUMBERING PLAN (NNP)

4.1 The National Numbering Plan is illustrated in **Table 1**.

Table 1 is the matrix for allocation of all numbers i.e., Fixed, Mobile, Short Codes, and other unique numbering resources. These are described in detail in the following sections.

Table 1: The National Numbering Plan

First digit	Second digit									
	0	1	2	3	4	5	6	7	8	9
0	Int'l	Short international dialling in region							0800 & 08XX	
1	Short codes									
2	NG	Geographic numbering (Francistown region)								
3	NG	Geographic numbering (Gaborone)								
4	NG	Geographic numbering (Palapye region)								
5	NG	Geographic numbering (south-east region)								
6	NG	Geographic numbering (north and west regions)								
7	Mobile numbering									
8	Non-geographic numbering (M2M and Mobile)									
9	PRS	91X	Reserved							99X

Int'l: international access code

NG: non-geographic numbering

PRS: premium rate services (non-geographic)

4.2 Unique Numbers and Short Code numbers

4.2.1 Level 0 - International Access and Freephone Numbers

Levels 0 is used for international access (00), the freephone numbers commencing with 0800 and shared calls allocated the 08XX numbering range.

4.2.2 Levels 1 - Short Codes

Level 1 is used for the Short Codes. Short codes are short telephone numbers classified into three categories being Types A, B and C. The numbers occupy the 1XX, 1XXX and 1XXXX number blocks i.e., three or four- and five-digits long numbers. Refer to Table 2.

Table 2: Summary of Types of Short Codes

Short Code Types	Services and attributes	Length of number digits
Type A	Nationally important services including emergency numbers	3 digits long emergency services
Type B	Across net services i.e., accessed through all public MNOs	5 digits long: 16XXX, 17XXX, 18XX(X) and 19XXX number blocks.
Type C	On-Net services and can have same number for different services within the network.	10X(X), 11XX, 12X(X).

4.2.3 Level *1 and *2 - USSD codes.

The levels *1 and *2 are used for the USSD codes which currently occupy the *1XX*XXX# and *2XX*XXX# numbering blocks.

4.2.4 Levels 1 and 9 - Emergency Numbers

Level 1 and part of level 9 is used for the emergency numbers. The emergency numbers occupy the 110-116, 99X and 91X numbering blocks. Reference is made to Table 3 below being a list of Emergency Service Providers.

Table 3: Assigned Emergency Numbers

Service Provider	Emergency Number
All Emergencies	112
ChildLine Botswana	116
Emergency Assist	991
MedRescue International	992
Rescue One	993
Boitekanelo Medical Services	994
Okavango Air Rescue	995
Fire	997
Ambulance	998
Police	999
MedRescue International	911
Medflex	914

4.2.5 Premium Rate Services

The Premium Rate Services (PRS) in level 09 remains unused and remains reserved for this service.

4.3 Fixed Numbers

4.3.1 Levels 2 to 6: Fixed numbers

Level 2 to 6 are the seven (7) digits long geographical numbers occupying the numbering range from 2XX XXXX to 6XX XXXX respectively providing services to fixed line services. Reference is made to *Table 4* below. These, however, excludes the following selected numbers on the second- and third-digit levels zero e.g., 200 0000, 300 0000, 460 0000, 530 0000, 680 0000 which are reserved.

Table 4: Fixed numbers by the geographical location

<i>Geographical Area</i>	<i>Number range</i>	<i>Zone</i>
Francistown Area	24X XXXX	4
Selebi-Phikwe Area	26X XXXX	4
Letlhakane/Orapa Area	29X XXXX	4
Gaborone Area	3XX XXXX	1
Serowe Area	46X XXXX	3
Mahalapye Area	47X XXXX	3
Palapye Area	49X XXXX	3
Ramotswa/Lobatse Area	53X XXXX	2
Barolong/Ngwaketse Area	54X XXXX	2
Mochudi Area	57X XXXX	2
Jwaneng Area	58X XXXX	2
Molepolole Area	59X XXXX	2
Kasane Area	62X XXXX	5
Ghanzi/Kgalagadi Area	65X XXXX	5
Maun Area	68X XXXX	5

4.4 VOIP NUMBERS

4.4.1 Level 7

The level 7 range of 79 XXX XXX is allocated for VoIP numbering services.

4.5 MOBILE NUMBERS

4.5.1 Level 7 and 8

Levels 7 and part of Level 8 are an eight digits long mobile number range from :
71 XXX XXX to 78 XXX XXX ; and
81 XXX XXX to 85 XXX XXX respectively.

4.6 MACHINE TO MACHINE COMMUNICATIONS (M2M)/IOT

4.6.1 Level 8

The M2M communications is a 10 digit long numbering range that occupies numbering range from 86 XXXX XXXX to 89 XXXX XXXXX and supports the Internet of Things devices.

5. OTHER NUMBERING RESOURCES

- 5.1 The other numbering resources that enable seamless communications services and these are the known as Codes reference is made to table 5 below. These codes are listed as in the Recommendation ITU-T E.164.

Table 5: Instrumental Codes

Important Codes	Relevance and Use
Country Code (CC)	267
Mobile Country Code (MCC)	652
National Signalling Point Codes	network interconnection purposes
Data Network Interface Code (DNICs)	X25 data networking
Network Colour Codes (NCC)	GSM base station identifiers
Mobile Network Code (MNC)	Public networks
International Signalling Point Code (ISPCs)	International signalling and it uses a 3-8-3 ITU format standard.

5.2 Mobile Network Code

There are three (03) Mobile Network Code (MNC) used in the networks of the Mobile Network Operators (MNOs) and these are allocated in accordance with the Recommendation ITU-T E.212. Reference is made to table 6 below.

Table 6: Mobile Network Codes

Mobile Network Codes	Mobile Network Operator
01	Mascom Wireless
02	Orange Botswana
04	BTCL

5.3 The International Signalling Point Codes

These codes are used for the international signalling and are represented using a ITU 3-8-3 format. There are currently 6 spare ISPCs for Botswana. The following are assigned codes to Botswana for use as tabulated below.

Table 7: International Signalling Point Codes for Botswana

International Signalling Point Code (ITU 3-8-3 Format)	MNO Assigned
6-104-0	Botswana Telecommunications Corporation Limited (BTCL)
6-104-1	Botswana Telecommunications Corporation Limited (BTCL)
6-104-2	Mascom Wireless
6-104-3	Orange Botswana
6-104-4	Orange Botswana
6-104-5	Botswana Telecommunications Corporation Limited (BTCL)
6-104-6	Botswana Telecommunications Corporation Limited (BTCL)
6-104-7	Mascom Wireless
6-105-0	Mascom Wireless
6-105-1	Mascom Wireless
6-105-2	Spare
6-105-3	Spare
6-105-4	Spare
6-105-5	Spare
6-105-6	Spare
6-105-7	Spare

6. NUMBERING ALLOCATIONS AND ASSIGNMENTS

6.1 Application for Number

6.1.1 All operators of a Public Switched Telephone Network (PSTN), Public Land Mobile Network (PLMN), or a Public Switched Data Network (PSDN), providing, or intending to provide within a specified time, publicly available telephone services, and owning and operating a public telecommunication system, are eligible to apply for primary assignments of telephone numbering capacity, subject to satisfying an eligibility criterion specified in the Numbering Policy, Code of Conduct and other relevant standard specifications such as the International Telecommunications Union's ITU-T Recommendations.

6.1.2 Non-facilities-based service providers may seek a secondary assignment from an eligible service provider unless the Authority advises otherwise. However, secondary assignments shall be made in an efficient and non-discriminatory manner.

6.2 National Number Allocations

6.2.1 The table 8 shows the 8 digits active mobile number allocations across all the three MNOs.

Table 8: Mobile Number Allocations as of September 2022

<i>Mobile Network Operator</i>	<i>Mobile Number Range</i>	<i>Quantity Allocated</i>
Mascom Wireless	71 000 000 – 71 999 999	1,000,000
	74 000 000 – 74 299 999	300,000
	74 500 000 – 74 799 999	300,000
	75 400 000 – 75 699 999	300,000
	75 900 000 – 75 999 999	100,000
	76 000 000 – 76 299 999	300,000
	76 600 000 – 76 799 999	200,000
	77 000 000 – 77 199 999	200,000
	77 600 000 – 77 799 999	200,000
	77 800 000 – 77 899 999	100,000
Orange Botswana	72 000 000 – 72 999 999	1,000,000
	74 300 000 – 74 499 999	200,000
	74 800 000 – 74 899 999	100,000
	75 000 000 – 75 399 999	400,000
	75 700 000 – 75 799 999	100,000
	76 300 000 – 76 599 999	300,000
	76 900 000 – 76 999 999	100,000
	77 300 000 – 77 599 999	300,000
	77 900 000 – 77 999 999	100,000
	78 000 000 – 78 199 999	200,000
	78 200 000 – 78 499 999	300,000
Botswana Telecommunications Corporation Limited (BTCL)	73 000 000 – 73 999 999	1,000,000
	74 900 000 – 74 999 999	100,000
	75 800 000 – 75 899 999	100,000
	76 800 000 – 76 899 999	100,000
	77 200 000 – 77 299 999	100,000

6.2.2 The table 9 below shows the 8 digits active VoIP numbering allocations made to both the MNOs and the VANs:

Table 9: VoIP Numbers as of September 2022

<i>Service Provider</i>	<i>VoIP Number range</i>	<i>Quantity Allocated</i>
Virtual Business Network Services	79 100 000 – 79 100 999	1,000
AfriTel	79 101 000 – 79 101 999	1,000
Global Broadband Solutions	79 102 000 – 79 102 999	1,000
Business Solutions Consultants	79 103 000 – 79 103 999	1,000
Dimension Data	79 104 000 – 79 104 999	1,000
OPQ Net	79 105 000 – 79 105 999	1,000
Mega Internet	79 106 000 – 79 106 999	1,000
Stature (OpenVoice)	79 107 000 – 79 107 999 79 113 000 – 79 113 999	2,000
Tsagae Communications	79 108 000 – 79 108 999	1,000
MicroTeck Enterprises	79 109 000 – 79 109 999	1,000
Microla Botswana	79 110 000 – 79 110 999	1,000
Internet Options Botswana	79 111 000 – 79 111 999	1,000
FDI Foneworx	79 112 000 – 79 112 999	1,000
Stature (Pty) Ltd t/a OpenVoice	79 113 000 – 79 113 999	1,000
MTN Business Solutions	79 114 000 – 79 114 999	1,000
Abari Communications	79 115 000 – 79 115 999	1,000
Mission Communications	79 116 000 – 79 116 999	1,000
Concerotel	79 117 000 – 79 117 999	1,000
Paratus Africa	79 118 000 – 79 118 999	1,000
Blue Pearl Communications T/A ROI	79 119 000 – 79 119 999	1,000
Dapit Ventures T/A GCSat Botswana	79 120 000 – 79 120 999	1,000
Bantu Telecom	79 121 000 – 79 121 999	1,000
Paratus Africa	79 122 000 – 79 123 999	1,000
Netway Pty Ltd	79 124 000 – 79 125 999	1,000
Apicom Pty Ltd	79 126 000 – 79 126 999	1,000
Devaki Botswana	79 127 000 – 79 127 999	1,000
Orange Botswana	79 200 000 – 79 209 999 79 220 000 – 79 229 999	20,000
Botswana Telecommunications Corporation Limited (BTCL)	79 210 000 – 79 219 999	10,000
Mascom Wireless	79 230 000 – 79 279 999	50,000

Note non coloured ranges are licensed SAP

6.2.3 The table 10 below shows the 10 number digits active Machine-to-Machine number allocations:

Table 10: M2M Number Allocations as of September 2022

Mobile Network Operator	M2M Number range	Quantity Allocated
Orange Botswana	89 0000 0000 - 89 0000 9999	10,000
	89 0001 0000 - 89 0001 9999	10,000
	89 0002 0000 - 89 0002 9999	10,000
	89 0003 0000 - 89 0003 9999	10,000
	89 0004 0000 - 89 0004 9999	10,000
Botswana Telecommunications Corporation Limited (BTCL)	89 0005 0000 - 89 0005 9999	10,000
	89 0006 0000 - 89 0006 9999	10,000
	89 0007 0000 - 89 0007 9999	10,000
	89 0008 0000 - 89 0008 9999	10,000
	89 0009 0000 - 89 0009 9999	10,000
Mascom Wireless	89 0010 0000 - 89 0010 9999	10,000
	89 0011 0000 - 89 0011 9999	10,000
	89 0012 0000 - 89 0012 9999	10,000
	89 0013 0000 - 89 0013 9999	10,000
	89 0014 0000 - 89 0014 9999	10,000
	89 0015 0000 - 89 0015 9999	10,000
	89 0016 0000 - 89 0016 9999	10,000
	89 0017 0000 - 89 0017 9999	10,000

Note ALL Allocations made in blocks of 10,000 numbers

6.2.4 The table 11 below shows the 7 number digits active Fixed number allocations:

Table 11: Fixed Number Allocations as of September 2022

Number Blocks	Orange Botswana	Mascom Wireless	BTCL
2XX XXXX	-	60,000	300,000
3XX XXXX	-	60,000	500,000
4XX XXXX	-	30,000	300,000
5XX XXXX	-	60,000	500,000
6XX XXXX	-	30,000	300,000
Sub-Total	-	240,000	1,900,000

7. CONCLUSION

7.1 The National Numbering Plan is a way of ensuring that:

7.1.1 The limited numbering resources are used prudently and efficiently and this allows for effective number management. This exercise enables customers to have access to services using numbers without undue expense and inconvenience, and to ensure that all service providers have the numbering resources they need to compete in the rapidly growing telecommunications marketplace with the associated proliferation of new telecommunications technologies and services; and

7.1.2 There is equity, efficiency, and transparency in the allocation of numbers as this is done objectively within the confines of the CRA Act of 2012.

Contact:

Botswana Communications Regulatory Authority (BOCRA)
 Plot 50671, Independence Avenue
 Private Bag 00495
 GABORONE
 Botswana
 Tel: +267 395 7755
 Fax: +267 395 7976
 E-mail: technical@bocra.org.bw
 URL: www.bocra.org.bw

Gibraltar (country code +350)

Communication of 5.IX.2022:

The *Gibraltar Regulatory Authority*, announces the following national numbering plan for Gibraltar.

Presentation of national ITU-T E.164 numbering plan for country code 350

- a) Overview:
The minimum number length (excluding the country code) is 8 digits.
The maximum number length (excluding the country code) is 8 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):
<https://www.gra.gi/communications/numbering-plan>
- c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): n/a
- d) Detail of numbering plan:

<i>Service</i>	<i>Operator</i>	<i>Number Ranges</i>
Fixed	Gibtelecom	200 0 0000 – 200 9 9999
	u-mee	222 2 0000 – 222 2 9999
		222 4 0000 – 222 4 9999
		222 5 0000 – 225 5 9999
		222 7 0000 – 222 7 9999
	GibFibre	216 8 0000 – 216 8 4999
216 9 0000 – 216 9 4999		
225 0 0000 – 225 0 9999		
225 1 0000 – 225 1 4999		
225 5 0000 – 225 5 4999		
Mobile	Gibtelecom	540 0 0000 – 549 9 9999
		560 0 0000 – 569 9 9999
		570 0 0000 – 579 9 9999
		580 0 0000 – 589 9 9999
	GibFibre	510 0 0000 – 510 9 9999
		525 0 0000 – 525 0 9999
		525 1 0000 – 525 1 4999

Contact:

Gibraltar Regulatory Authority
Mr Gavin Santos – Communications Regulatory Manager
2nd Floor, Eurotowers 4,
1 Europort Road,
Gibraltar, GX11 1AA
Tel: +350 20074636
Fax: +350 20072166
E-mail: communications@gra.gi
URL: www.gra.gi

Myanmar (country code +95)

Communication of 2.IX.2022:

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

Description of withdrawal of number resources for national E.164 numbering plan for country code + 95:

Auto Exchange Numbering (Geographic)

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee	Date of Number Allocation	Date of Number Withdrawal
1	1	465 xxxx	Yangon	8	AGB Communication Co.,Ltd	1.6.2017	9.3.2022
2	1	424 xxxx	Yangon	8	Fortune International Limited	14.2.2018	23.3.2022
3	2	424 xxxx	Mandalay	8	Fortune International Limited	14.2.2018	23.3.2022
4	42	482 xxxx	Ayeyarwaddy	9	Fortune International Limited	26.11.2018	23.3.2022
5	52	473 xxxx	Bago	9	Fortune International Limited	26.11.2018	23.3.2022
6	53	473 xxxx	Pyay	9	Fortune International Limited	26.11.2018	23.3.2022
7	57	482 xxxx	Mon	9	Fortune International Limited	26.11.2018	23.3.2022
8	59	471 xxxx	Tanintharyi	9	Fortune International Limited	26.11.2018	23.3.2022
9	62	473 xxxx	Magway	9	Fortune International Limited	26.11.2018	23.3.2022
10	64	473 xxxx	Mandalay	9	Fortune International Limited	26.11.2018	23.3.2022
11	67	471 xxxx	NayPyiTaw	9	Fortune International Limited	26.11.2018	23.3.2022
12	1	446 xxxx	Yangon	8	Yatanarpon Teleport Public Co.,Ltd	18.12.2018	23.3.2022
13	2	446 xxxx	Mandalay	8	Yatanarpon Teleport Public Co.,Ltd	18.12.2018	23.3.2022
14	85	446 xxxx	PyinOolwin	9	Yatanarpon Teleport Public Co.,Ltd	15.10.2018	23.3.2022
15	1	473 xxxx	Yangon	8	Telenor Myanmar Limited	31.1.2019	6.4.2022
16	2	473 xxxx	Mandalay	8	Telenor Myanmar Limited	31.1.2019	6.4.2022
17	67	473 xxxx	NayPyiTaw	9	Telenor Myanmar Limited	31.1.2019	6.4.2022
18	1	423 xxxx	Yangon	8	Shwe Than Lwin Media Co., Ltd	31.1.2017	9.5.2022
19	1	426 xxxx	Yangon	8	Myanmar Speed Net Co., Ltd	1.4.2017	21.4.2022
20	2	426 xxxx	Mandalay	8	Myanmar Speed Net Co., Ltd	1.4.2017	21.4.2022

Non-Geographic Number

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee	Date of Number Allocation	Date of Number Withdrawal
1	11	5000 xxxx	non-geographic	10	Shwe Than Lwin Media Co., Ltd	22.5.2017	9.5.2022

Tollfree Number

Sr No.	Area Code	Number series	Area	Digit Length (including area code)	Licensee	Date of Number Allocation	Date of Number Withdrawal
1	800	801 (1~9) xxx	non-geographic	10	Ooredoo Myanmar Limited	2.2.2018	6.6.2022

Mobile Numbering

Sr No.	Area Code	Number series	System	Digit Length (including area code)	Operator	Date of Number Allocation	Date of Number Withdrawal
1	9	878 xxx xxx	WCDMA/GSM	10	Myanma Posts and Telecommunications	29.1.2021	9.3.2022

Contact:

Ministry of Transport and Communications
Posts and Telecommunications Department (PTD)
Building No. 2,
NAY PYI TAW
Myanmar
Tel: +95 67 3407 225
Fax: +95 67 3407 216

Senegal (country code +221)

Communication of 6.IX.2022:

The *Autorité de Régulation des Télécommunications et des Postes (ARTP)*, Dakar, announces the following update of the national numbering plan (NNP) for telephony in Senegal.

Description of introduction of new resource for national numbering plan for country code 221:

<i>National destination code (NDC) or leading digits of national (significant) number (N(S)N)</i>	<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 number</i>	<i>Time and date of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
7510	9	9	Non-geographic number – Mobile telephone service for the mobile virtual network operator (MVNO) SIRIUS TELECOMS AFRIQUE (PROMOBILE)	1 July 2022

Presentation of national numbering plan for country code 221:

- a) 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): n/a
- c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):n/a
- d) Detail of numbering plan:

<i>National destination code (NDC) or leading digits of national (significant) number (N(S)N)</i>	<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
30	9	9	Non-geographic number – Fixed telephony service	Operator Expresso Sénégal
32	9	9	Non-geographic number – Fixed telephony service	Operator FREE Sénégal
338	9	9	Geographic number – Fixed telephony service	Operator SONATEL (Orange), region of Dakar
339	9	9	Geographic number – Fixed telephony service	Operator SONATEL (Orange), other regions
36	9	9	Non-geographic number – Fixed telephony service	Operator CSU SA (HAYO)
39	9	9	Non-geographic number – Fixed telephony service	ADIE
70	9	9	Non-geographic number – Mobile telephone service	Operator Expresso Sénégal
72	9	9	Non-geographic number – Mobile telephone service	Operator CSU SA (HAYO)

National destination code (NDC) or leading digits of national (significant) number (N(S)N)	N(S)N number length		Usage of ITU-T E.164 number	Additional information
	Maximum length	Minimum length		
75	9	9	Non-geographic number – Mobile telephone service	Dedicated for mobile virtual network operators (MVNO)
76	9	9	Non-geographic number – Mobile telephone service	Operator FREE Sénégal
77	9	9	Non-geographic number – Mobile telephone service	Operator SONATEL (Orange)
78	9	9	Non-geographic number – Mobile telephone service	Operator SONATEL (Orange)
79	9	9	Non-geographic number – Mobile telephone service	ADIE
93	9	9	Non-geographic number – Fixed Voice over Internet Protocol (VoIP) telephony service	Dedicated for internet service providers (<i>Fournisseurs d'accès à internet (FAI)</i>)

Contact:

Ms Mously Mbacké DIENE and Mr Mamadou Ousmane FAYE
 Autorité de Régulation des Télécommunications et des Postes (ARTP)
 B.P. 14130
 DAKAR PEYTAVIN
 Senegal
 Tel: +221 33 869 0369 / direct: +221 33 869 03 93
 Fax: +221 33 869 0370
 E-mail: mously.diene@artp.sn; mamadou.faye@artp.sn
 URL: www.artp.sn

Testing Laboratories recognized by ITU

According to the [ITU-T Guideline on “Testing Laboratories recognition procedure” \(2022\)](#) and based on the applications received as of 12 September 2022, eight Testing Laboratories, which fulfil the criteria defined in the clause 9 of the above-mentioned ITU-T Guideline, were 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>.

Among recognized testing laboratories are:

Testing Laboratory	Country	Scope of Accreditation (ITU-T Recommendations)
Hermon Laboratories Ltd	Israel	K.20; K.21; K.41; K.44; K.45; G.703; G.823; G.991.2; G.992.1; G.992.3 Cor. 3; G.992.5 Cor. 1; G.993.1; G.993.2; P.313; P.340; P.370; P.862; P.862.1; P.863; T.30; T.38; Q.552
Bharat Test House Pvt. Ltd.	India	G.691; G.693; G.694.1; G.695; G.698.3; G.703; G.709; G.783; G.823; G.824; G.825; G.957; G.959.1; G.984.1; G.984.2; G.984.3; G.987.1; G.987.2; G.989.2; G.991.2; G.992.3; G.992.5; G.993.1; G.993.2; G.993.5; G.8251; G.9700; G.9807.1; G.9960; G.9964; Q.23; Q.552; Q.781; Q.782; Q.784; Q.931; Q.1912.5; K.21; O.41; P.313; P.360; T.4; V.34
Sunren Telecom Laboratory	India	G.691; G.693; G.694.1; G.695; G.703; G.712; G.783; G.813; G.821; G.821; G.822; G.823; G.825; G.826; G.957; G.959.1; G.984.1; G.984.2; G.984.3; G.987.2; G.989.2; G.992; G.993; G.8251; G.9700; G.9807.1; Q.440; Q.441; Q.442; Q.552; Q.781; Q.782; Q.783; Q.784; Q.931; K.20; K.21; K.44; K.45; O.172; P.57; P.76; P.79; T.4; T.22; V.34; V.90.
CETECOM GmbH	Germany	P.1140
AA Electro Magnetic Testing Laboratory	India	G.691; G.693; G.695.1; G.703; G.707; G.709; G.783; G.821; G.822; G.823; G.824; G.825; G.826; G.957; G.959.1; G.987.2; G.8251; G.9807.1; Q.23; Q.552; Q.931; K.20; K.21; K.43; K.44; K.45; K.48; K.60; K.63; I.431; Y.1322
Compliance International Telecom Laboratories (A unit of Compliance International Pvt. Ltd.)	India	G.691; G.693; G.694.1; G.695; G.698.3; G.703; G.707; G.709; G.732; G.751; G.783; G.821; G.822; G.823; G.824; G.825; G.826; G.828; G.957; G.959.1; G.984.1; G.984.2; G.984.3; G.987.1; G.987.2; G.989.2; G.8251; G.9807.1; Q.23; Q.552; Q.781; Q.782; Q.783; Q.784; Q.931

Testing Laboratory	Country	Scope of Accreditation (ITU-T Recommendations)
Telecommunication Technology Labs, CAICT	China	G.650.1; G.650.2; G.650.3; G.651.1; G.652; G.653; G.654; G.655; G.656; G.657; G.661; G.664; G.671; G.691; G.692; G.693; 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.712; G.752; G.781; G.783; G.784; G.813; G.823; G.824; G.825; G.826; G.841; G.873.1; G.873.2; G.957; G.959.1; G.961; G.984.1; G.984.2; G.984.3; G.984.4; G.987.1; G.987.2; G.987.3; G.988; G.989.2; G.989.3; G.992.1; G.992.3; G.992.5; G.993.1; G.993.2; G.993.5; G.7712; G.7713; G.7713.2; G.7714; G.7714.1; G.7715; G.7718; G.8011; G.8110.1; G.8112; G.8113.1; G.8131; G.8132; G.8151; G.8152; G.8201; G.8251; G.8261; G.8262; G.8264; G.8272; G.8273.2; G.8275.1; G.9700; G.9807.1; G.9807.2; G.9960; G.9961; G.9964; G.Suppl.43; Q.521; Q.552; Q.764; 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; K.20; K.21; K.44; K.45; L.10; L.13; L.26; L.43; L.87; P.310; P.342; P.863; P.1203; M.2100; T.621; V.24; V.36; Y.1564; Y.1711; Y.1720; Y.1731
Ke Mei Ou Lab Co., Ltd.	China	G.703; G.823; G.992.1; G.992.2; G.992.3; G.992.4; G.992.5; G.993.1; G.991.2; G.993.2; Q.552; I.430; K.20; K.21; K.44; K.45; P.340; P313; P360; P.370

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

REP

JP04 BS Japan Co., Ltd., 3-8, Nihonbashi 1-Chome,
Chuo-Ward, Tokyo 103, Japan.
E-mail: E-SHIMADA@BS-JPN.CO.JP, Tel: +81 3 3281-5261,
Fax: +81 3 3281-5263,
Contact Persons: Ryuichi Tsuhako, Eriko Shimada.

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. 81)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Hungary ADD		
	216 20	Yettel Hungary 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 Signalling Area/Network Codes (SANC)
(Complement to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 June 2017)**

(Annex to ITU Operational Bulletin No. 1125 – 1.VI.2017)
(Amendment No. 22)

Numerical order ADD

4-203 Oman (Sultanate of)

Alphabetical order ADD

4-203 Oman (Sultanate of)

SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

**List of International Signalling Point Codes (ISPC)
(According to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 July 2020)**

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)
(Amendment No. 43)

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>
Oman ADD			
4-045-4	8556	MUMSC1	Vodafone
4-045-5	8557	MUMGW1	Vodafone
4-045-7	8559	204170	Awahr
4-202-0	9808	BSMSC1	Vodafone
4-202-1	9809	BSMGW1	Vodafone
4-202-2	9810	Muscat Messaging Hub	Omantel
4-202-3	9811	SEEB vSTP	Omantel
4-202-4	9812	TCC vSTP DRA	Omantel

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.IX.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>
Syrian Arab Republic	+963
United Kingdom	+44