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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.

- 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)
- 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 (03/1999)) (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 AAP-102, 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 Y.3109 (04/2021): QoS assurance-related requirements and framework for virtual reality delivery using mobile edge computing supported by IMT-2020
- ITU-T Y.3802 (2020) Cor. 1 (04/2021)

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 Republic of Cyprus, 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>
Cyprus (Republic of)	5-219

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

The International Public Telecommunication Numbering Plan (Recommendation ITU-T E.164 (11/2010))

Note from TSB

Identification codes for international networks

Associated with shared country code 883 for international networks, the following three-digit identification code has been **assigned**.

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of assignment</i>
Telecom Italia Sparkle S.p.A.	Telecom Italia Sparkle S.p.A.	+883 360	6.IV.2021

Associated with shared country code 883 for international networks, the following four-digit identification code has been **assigned**.

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of assignment</i>
Nokia Corporation	Nokia Corporation	+883 5190	6.IV.2021

International Identification Plan for Public Networks and Subscriptions (Recommendation ITU-T E.212 (09/2016))

Note from TSB

Identification codes for International Mobile Networks

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network codes (MNC) have been **assigned**.

<i>Network</i>	<i>Mobile Country Code (MCC) and Mobile Network Code (MNC)</i>	<i>Date of assignment</i>
Telecom Italia Sparkle S.p.A.	901 78	6.IV.2021
Nokia Corporation	901 79	6.IV.2021

Note from TSB

Identification codes for international non-commercial trials

Associated with shared mobile country code 991 (MCC), for trial, the two-digit trial mobile network code (MNC) "03" has been temporarily assigned until 5 April 2022 to Halys SAS for its trial of BroadWay project. The temporary assignment of the E.212 shared MCC and trial-MNC 991 03 is effective from 6 April 2021.

<i>Applicant</i>	<i>Mobile Country Code (MCC) and trial-Mobile Network Code (MNC)</i>	<i>Effective date of assignment</i>	<i>Reclamation date</i>
Halys SAS	991 03	6.IV.2021	6.IV.2022

Telephone Service (Recommendation ITU-T E.164)

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

Botswana (country code +267)

Communication of 14.IV.2021:

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.

“Assignment Guidelines” 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.
- 3.2 In 2019, BOCRA adopted a revised Numbering Policy and there were several recommendations which included to review and modify the National Numbering Plan, and enforce the Numbering Code of Conduct. Amongst others things, the revised policy recommendations advocated the following:
- 3.2.1 The Introduction of Machine to Machine (M2M) communications new numbering block. Currently, the M2M/IoT services share the same numbering range with the mobile telephony. Initially, the M2M/IoT were not planned for in the current numbering plan. Hence the need to review and plan for it, noting that this is a relatively new and fast-growing service requiring specific numbering resources for use.
- 3.2.2 The Adoption of the 116 children helpline telephone number in accordance with the CRASA-SADC Numbering guidelines and SADC resolutions.
- 3.2.3 Number modifications or changes to accommodate expansion of Emergency numbers and the Unstructured Supplementary Service Data (USSD) codes.

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 April 2020 to March 2021

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	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.	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. Refer to Table 3.

4.2.5 Premium Rate Services

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

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

4.3 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. Refer 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

<i>Important Codes</i>	<i>Relevance and Use</i>
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 3-4-3 ITU format standard.

5.2 Mobile Network Code

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

Table 6: Mobile Network Codes

<i>Mobile Network Codes</i>	<i>Mobile Network Operator</i>
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 3-4-3 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

<i>International Signalling Point Code (ITU 3-4-3 Format)</i>	<i>MNO Assigned</i>
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. 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 MNOs.

Table 8: Mobile Number Allocations as of April 2021

<i>Mobile Network Operator</i>	<i>Mobile Number Range</i>
Mascom Wireless	71 000 000 – 71 999 999 74 000 000 – 74 299 999 74 500 000 – 74 799 999 75 400 000 – 75 699 999 75 900 000 – 75 999 999 76 000 000 – 76 299 999 76 600 000 – 76 799 999 77 000 000 – 77 199 999 77 600 000 – 77 799 999 77 800 000 – 77 899 999
Orange Botswana	72 000 000 – 72 999 999 74 300 000 – 74 499 999 74 800 000 – 74 899 999 75 000 000 – 75 399 999 75 700 000 – 75 799 999 76 300 000 – 76 599 999 76 900 000 – 76 999 999 77 300 000 – 77 399 999 77 400 000 – 77 599 999 77 900 000 – 77 999 999 78 000 000 – 78 099 999 78 100 000 – 78 199 999
Botswana Telecommunications Corporation Limited (BTCL)	73 000 000 – 73 999 999 74 900 000 – 74 999 999 75 800 000 – 75 899 999 76 800 000 – 76 899 999 77 200 000 – 77 299 999

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 April 2021

<i>Service Provider</i>	<i>VoIP Number range</i>
Virtual Business Network Services	79 100 000 – 79 100 999
AfriTel	79 101 000 – 79 101 999
Global Broadband Solutions	79 102 000 – 79 102 999
Business Solutions Consultants	79 103 000 – 79 103 999
Fourth Dimension	79 104 000 – 79 104 999
OPQ Net	79 105 000 – 79 105 999
Mega Internet	79 106 000 – 79 106 999
Stature (OpenVoice)	79 107 000 – 79 107 999 79 113 000 – 79 113 999
Tsagae Communications	79 108 000 – 79 108 999
MicroTeck Enterprises	79 109 000 – 79 109 999
Microla Botswana	79 110 000 – 79 110 999
Internet Options Botswana	79 111 000 – 79 111 999
FDI Foneworx	79 112 000 – 79 112 999
MTN Business Solutions	79 114 000 – 79 114 999
Abari Communications	79 115 000 – 79 115 999
Mission Communications	79 116 000 – 79 116 999
ConceroTel	79 117 000 – 79 117 999
Paratus Africa	79 118 000 – 79 118 999
Blue Pearl Communications T/A ROI	79 119 000 – 79 119 999
Dapit Ventures T/A GCSat Botswana	79 120 000 – 79 120 999
Orange Botswana	79 200 000 – 79 209 999 79 220 000 – 79 229 999
Botswana Telecommunications Corporation Limited (BTCL)	79 210 000 – 79 219 999

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 April 2021

<i>Mobile Network Operator</i>	<i>M2M Number range</i>
Orange Botswana	890 000 0000 – 890 004 9999
Botswana Telecommunications Corporation Limited (BTCL)	890 005 0000 – 890 005 9999
Mascom Wireless	890 010 0000 – 890 014 9999

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)
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E-mail: technical@bocra.org.bw
URL: www.bocra.org.bw

Luxembourg (country code +352)

Communication of 31.III.2021:

The *Institut Luxembourgeois de Régulation (ILR)*, Luxembourg, announces the following update to national numbering plan in Luxembourg.

Description of introduction of new resource for national E.164 numbering plan for country code +352:

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Date of introduction
	Maximum length	Minimum length		
656	9	9	Mobile services – assigned to Luxembourg Online S.A.	1 March 2021

International dialling format: +352 656 XXXXXX

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URL: www.ilr.lu

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 2020

Section VI

ADD

JP12 ITPLAN Co., LTD., Misuzu Bld. 6F 5-19-4 Ueno Taito-ku,
Tokyo 110-005 Japan

List of Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 1 December 2018)

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)
(Amendment No. 47)

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	Sony Wireless Communications Inc. 1-7-1 Kounan, Minato-ku TOKYO	89 81 17	Naoyuki Kato 1-7-1 Kounan, Minato-ku TOKYO Japan Tel: +81 90 7289 7070 Fax: +81 3 3740 2640 E-mail: sony-local5g@sony.com	1.X.2021

Sweden LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Sweden	Teracom Mobil AB Lindhagensgatan 122 SE-112 51 STOCKHOLM	89 46 03	Peter Borgfors Lindhagensgatan 122 SE-112 51 STOCKHOLM Tel: +46 70 444 10 66 E-mail: peter.borgfors@net1.se

**List of Recommendation ITU-T E.164 assigned Country Codes
(Complement to Recommendation ITU-T E.164 (11/2010))
(Position on 15 December 2016)**

(Annex to ITU Operational Bulletin No. 1114 – 15.XII.2016)
(Amendment No. 21)

Notes common to Numerical and Alphabetical lists of ITU-T Recommendation E.164 assigned country codes

p Associated with shared country code 883, the following three-digit identification code reservations or assignments have been made for the international networks of:

Note p) +883 360 ADD*

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
Telecom Italia Sparkle S.p.A.	Telecom Italia Sparkle S.p.A.	+883 360	Assigned

* 6.IV.2021

q Associated with shared country code 883, the following four-digit identification code reservations or assignments have been made for the international networks of:

Note q) +883 5190 ADD*

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
Nokia Corporation	Nokia Corporation	+883 5190	Assigned

* 6.IV.2021

See page 4 of the present Operational Bulletin No. 1219 of 1.V.2021.

**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. 53)

<i>Country/Geographical area</i>	<i>MCC+MNC</i>	<i>Operator/Network</i>
Luxembourg ADD		
	270 05	Luxembourg Online S.A.
International Mobile, shared code ADD		
	901 78	Telecom Italia Sparkle S.p.A.
	901 79	Nokia Corporation
Trial of a proposed new international telecommunication service, shared code ADD*		
	991 03	Halys SAS (temporary assignment for trial until 5.IV.2022)

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

* See page 5 of the present Operational Bulletin No. 1219 of 1.V.2021.

**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. 114)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	LIR	
PLANinterNET VoIP-GmbH Gruenwiesenstrasse 1 D-74391 ERLIGHEIM	PLANIN	Tel: +49 7143 872 056 Fax: +49 7143 872 057 E-mail: voip@planinternet.de

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. 13)

Numerical order ADD

5-219 Cyprus (Republic of)

Alphabetical order ADD

5-219 Cyprus (Republic 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. 14)

*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>
Angola ADD			
6-063-4	12796	ISC5	AFRICELL
Cyprus ADD			
5-215-1	11961	LIM/AMA1, Limassol	Cyprus Telecommunications Authority (CYTA)
5-215-2	11962	LIM/AMA2, Limassol	Cyprus Telecommunications Authority (CYTA)
5-215-3	11963	LIM/AMA3, Limassol	Cyprus Telecommunications Authority (CYTA)
5-215-4	11964	NIC/PLA1, Nicosia	Cyprus Telecommunications Authority (CYTA)
5-215-5	11965	NIC/PLA2, Nicosia	Cyprus Telecommunications Authority (CYTA)
5-215-6	11966	NIC/PLA3, Nicosia	Cyprus Telecommunications Authority (CYTA)

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.IV.2021, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Burkina Faso	+226
Faroe Islands	+298
Georgia	+995
Morocco	+212