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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 5211Fax: +41 22 730 5853E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR)Tel: +41 22 730 5560Fax: +41 22 730 5785E-mail:** **brmail@itu.int** |

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| 1211 | 1.I.2021 | 11.XII.2020 |

# 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](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval of ITU-T Recommendations

By AAP-92, 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 G.650.1 (10/2020): Definitions and test methods for linear, deterministic attributes of single-mode fibre and cable

– ITU-T G.672 (10/2020): Characteristics of multi-degree reconfigurable optical add/drop multiplexers

– ITU-T G.694.1 (10/2020): Spectral grids for WDM applications: DWDM frequency grid

– ITU-T G.874 (10/2020): Management aspects of optical transport network elements

– ITU-T G.971 (10/2020): General features of optical submarine cable systems

– ITU-T G.972 (10/2020): Definition of terms relevant to optical fibre submarine cable systems

– ITU-T G.977.1 (10/2020): Transverse compatible DWDM applications for repeatered optical fibre submarine cable systems

– ITU-T G.984.5 (2014) Amd. 2 (10/2020): Gigabit-capable passive optical networks (G-PON): Enhancement band - Amendment 2

– ITU-T G.987.2 (2016) Amd. 2 (10/2020): 10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification - Amendment 2

– ITU-T G.989.2 (2019) Amd. 1 (10/2020): 40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification - Amendment 1

– ITU-T G.997.2 (2019) Amd. 2 (10/2020): Physical layer management for G.fast transceivers - Amendment 2

– ITU-T G.7710/Y.1701 (10/2020): Common equipment management function requirements

– ITU-T G.7718/Y.1709 (10/2020): Framework for the management of MC components and functions

– ITU-T G.8011/Y.1307 (10/2020): Ethernet service characteristics

– ITU-T G.8110.1/Y.1370.1 (2011) Amd. 1 (10/2020): Architecture of the Multi-Protocol Label Switching transport profile layer network - Amendment 1

– ITU-T G.8112/Y.1371 (10/2020): Interfaces for the MPLS transport profile layer network

– ITU-T G.8151/Y.1374 (10/2020): Management aspects of the MPLS-TP network element

– ITU-T G.8261/Y.1361 (2019) Amd. 2 (10/2020): Timing and synchronization aspects in packet networks - Amendment 2

– ITU-T G.8271.1/Y.1366.1 (2020) Amd. 1 (10/2020): Network limits for time synchronization in Packet networks with full timing support from the network - Amendment 1

– ITU-T G.8273/Y.1368 (2018) Cor. 1 (10/2020): Framework of phase and time clocks - Corrigendum 1

– ITU-T G.8273.2/Y.1368.2 (10/2020): Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network

– ITU-T G.8273.3/Y.1368.3 (10/2020): Timing characteristics of telecom transparent clocks for use with full timing support from the network

– ITU-T G.8275/Y.1369 (10/2020): Architecture and requirements for packet-based time and phase distribution

– ITU-T G.9701 (2019) Amd. 3 (10/2020): Fast access to subscriber terminals (G.fast) - Physical layer specification: Amendment 3

– ITU-T G.9806 (2020) Amd. 1 (10/2020): Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP)- Amendment 1

– ITU-T G.9807.1 (2016) Amd. 2 (10/2020): 10-Gigabit-capable symmetric passive optical network (XGS-PON)

– ITU-T G.9960 (2018) Cor. 2 (10/2020): Unified high-speed wire-line based home networking transceivers - System architecture and physical layer specification - Corrigendum 2

– ITU-T G.9991 (2019) Cor. 1 (10/2020): High-speed indoor visible light communication transceiver - System architecture, physical layer and data link layer specification - Corrigendum 1

– ITU-T L.111 (10/2020): Optical fibre cables for in-home applications

– ITU-T L.151 (10/2020): Installation of Optical Fibre Ground Wire (OPGW) cable

– ITU-T L.330 (10/2020): Telecommunication Infrastructure facility management

– ITU-T M.3373 (10/2020): Requirements for synergy management of cloud and SDN-based networks

– ITU-T X.1052 (10/2020): Information security management processes for telecommunication organizations

– ITU-T X.1218 (10/2020): Requirements and Guidelines for Dynamic Malware Analysis in a Sandbox Environment

– ITU-T X.1374 (10/2020): Security requirements for external interfaces and devices with vehicle access capability

– ITU-T X.1375 (10/2020): Guidelines for intrusion detection system for in-vehicle networks

– ITU-T X.1400 (10/2020): Terms and definitions for distributed ledger technology

– ITU-T X.1404 (10/2020): Security assurance for distributed ledger technology

– ITU-T X.1452 (10/2020): Guidelines for security services provided by operators

– ITU-T X.1710 (10/2020): Security framework for quantum key distribution networks

– ITU-T X.1714 (10/2020): Key combination and confidential key supply for quantum key distribution networks

– ITU-T Y.3804 (09/2020): Quantum Key Distribution Networks - Control and Management

– ITU-T Z.161 (10/2020): Testing and Test Control Notation version 3: TTCN-3 core language

– ITU-T Z.161.3 (10/2020): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization

– ITU-T Z.161.4 (10/2020): Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types

– ITU-T Z.161.6 (10/2020): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced Matching

– ITU-T Z.161.7 (10/2020): Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features

– ITU-T Z.165.1 (10/2020): Testing and Test Control Notation version 3: TTCN-3 extension package: Extended TRI

– ITU-T Z.166 (10/2020): Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)

– ITU-T Z.167 (10/2020): Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3

– ITU-T Z.169 (10/2020): Testing and Test Control Notation version 3: Using XML schema with TTCN-3

Telephone Service
(Recommendation ITU-T E.164)

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

**Botswana (country code +267)**

Communication of 27.X.2020:

The *Botswana Communications Regulatory Authority (BOCRA)*, Gaborone, announces the updated national numbering pan of Botswana. The main changes are highlighted in red text.

*1. National Numbering Plan (NNP)*

| First digit | Second digit |
| --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | Int’l(a) | Short international dialling in region |
| 1 | Short codes |
| 2 | NG(b) | 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 | Personal and mobile numbering |
| 8 | Non-geographic numbering (freephone, etc.) |
| 9 | PRS(c) | Reserved | Em(d) |

(a) Int’l: international access code

(b) NG: non-geographic numbering

(c) PRS: premium rate services (non-geographic)

(d) Em: emergency code(s) (999, 998, 997)

*2. Geographic number ranges*

| Area | Number range | Test number | Number length |
| --- | --- | --- | --- |
| Ramotswa Area | 538 XXXX539 XXXX | 539 0100 | SevenSeven |
| Mahalapye Area | 471 XXXX472 XXXX476 XXXX477 XXXX | 471 0100 | SevenSevenSevenSeven |
| Gantsi Area | 659 XXXX | 659 6100 | Seven |
| Palapye Area | 490 XXXX491 XXXX492 XXXX493 XXXX494 XXXX495 XXXX | 492 0100 | SevenSevenSevenSevenSevenSeven |
| Selebi-Phikwe Area | 260 XXXX261 XXXX262 XXXX264 XXXX | 261 0100 | SevenSevenSevenSeven |
| Francistown Area | 240 XXXX241 XXXX242 XXXX243 XXXX244 XXXX248 XXXX | 241 0100 | SevenSevenSevenSevenSevenSeven |
| Letlhakane/Orapa Area | 290 XXXX295 XXXX297 XXXX298 XXXX | 297 0100 | SevenSevenSevenSeven |
| Kgalagadi Area | 651 XXXX654 XXXX | 654 0100 | SevenSeven |
| Serowe Area | 460 XXXX463 XXXX | 463 0100 | SevenSeven |
| Molepolole Area | 590 XXXX591 XXXX592 XXXX593 XXXX594 XXXX599 XXXX | 592 0100 | SevenSevenSevenSevenSevenSeven |
| Maun Area | 680 XXXX686 XXXX687 XXXX | 686 0100 | SevenSevenSeven |
| Outer Gaborone Area | 310 XXXX | 310 2771 | Seven |
| Barolong/Ngwaketse Area | 540 XXXX544 XXXX548 XXXX549 XXXX | 544 0100 | SevenSevenSevenSeven |
| Mochudi Area | 571 XXXX572 XXXX573 XXXX574 XXXX577 XXXX | 577 7100 | SevenSevenSevenSevenSeven |
| Gaborone Area | 392 XXXX394 XXXX395 XXXX | 395 8100 | SevenSevenSeven |
| Gaborone Area | 390 XXXX391 XXXX397 XXXX355 XXXX | 355 1100 | SevenSevenSevenSeven |
| Gaborone Area | 312 XXXX313 XXXX315 XXXX316 XXXX317 XXXX318 XXXX319 XXXX | 315 9095 | SevenSevenSevenSevenSevenSevenSeven |
| Lobatse Area | 530 XXXX533 XXXX | 533 0100 | SevenSeven |
| Jwaneng Area | 588 XXXX | 588 0100 | Seven |
| Gaborone Area | 36X XXXX370 XXXX371 XXXX393 XXXX | 363 6400 | SevenSevenSevenSeven |
| Kasane Area | 621 XXXX622 XXXX623 XXXX625 XXXX | 625 0250 | SevenSevenSevenSeven |

 All fixed lines in Botswana are seven (7) digits long.

*3. Mobile, VoIP and M2M number ranges assigned*

| *Operator* | *Mobile Number Range* |
| --- | --- |
| Mascom Wireless | 71 000 000 – 71 999 99974 000 000 – 74 299 99974 500 000 – 74 799 99975 400 000 – 75 699 99975 900 000 – 75 999 99976 000 000 – 76 299 99976 600 000 – 76 799 99977 000 000 – 77 199 99977 600 000 – 77 799 99977 800 000 – 77 899 999 |
| Orange Botswana | 72 000 000 – 72 999 99974 300 000 – 74 499 99974 800 000 – 74 899 99975 000 000 – 75 399 99975 700 000 – 75 799 99976 300 000 – 76 599 99976 900 000 – 76 999 99977 300 000 – 77 399 99977 400 000 – 77 599 99977 900 000 – 77 999 99978 000 000 – 78 099 99978 100 000 – 78 199 999 |
| Botswana Telecommunications Corporation Limited (BTCL) | 73 000 000 – 73 999 99974 900 000 - 74 999 99975 800 000 – 75 899 99976 800 000 – 76 899 99977 200 000 – 77 299 999 |

| *Operator* | *VoIP Number range* |
| --- | --- |
| 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 99979 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 99979 220 000 – 79 229 999 |
| Botswana Telecommunications Corporation Limited (BTCL) | 79 210 000 – 79 219 999 |

All mobile and VoIP lines in Botswana are eight (8) digits long.

|  |  |
| --- | --- |
| *Operator* | *M2M Number range* |
| Orange Botswana | 890 000 0000 – 890 000 9999 |
| BTCL | 890 005 0000 – 890 005 9999 |

All Machine to Machine (M2M) Communications numbers Botswana are ten (10) digits long.

*4. National Codes*

| Mobile Country Code (E.212 MCC) |  652 |
| --- | --- |
| Mascom Wireless (MNC – mobile network code)  |  01 |
| Orange Botswana (MNC – mobile network code) |  02 |
| Botswana Telecommunications Corporation (BTCL) MNC – mobile network code |  04 |

Administrations and Recognized Operating Agencies (ROAs) are requested to ensure the timely activation of the above number ranges.

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

**Costa Rica (country code +506)**

Communication of 16.X.2020:

The *Superintendencia de Telecomunicaciones (SUTEL),* San José, which under Executive Decree N°40943-MICITT (National Numbering Plan), is in charge of the control and administration of numbering resources in Costa Rica, acting in accordance with the provisions of Recommendation ITU-T E.129**,** submits the:

Modification to the ITU-T E.164 National Numbering Plan (NNP) for country code +506

Table 1 – Description of introduction of new resources
in the ITU-T E.164 National Numbering Plan
for country code +506

| *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* | *Time and date of introduction* |
| --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 4082-5000 to4084-9999 | 8 digits | 8 digits | IP telephone service TELECABLE, S.A. | 2017-03-27 In accordance with Resolution RCS-095-2017 |
| 4350-0000to4350-4999 | 8 digits | 8 digits | IP telephone service COSTA RICA INTERNATIONAL SERVICE PROVIDER S.A. | 2018-05-18 In accordance with Resolution RCS-199-2018 |
| 4350-5000to4350-9999 | 8 digits | 8 digits | IP telephone service COSTA RICA INTERNATIONAL SERVICE PROVIDER S.A. | 2018-09-24 In accordance with Resolution RCS-315-2018 |
| 4500-0000to4500-4999 | 8 digits | 8 digits | IP telephone service COOPEGUANACASTE R.L. | 2019-02-11 In accordance with Resolution RCS-029-2019 |
| 4410-0000to4419-9999 | 8 digits | 8 digits | IP telephone service CLARO CR TELECOMUNICACIONES S.A. | 2019-05-10 In accordance with Resolution RCS-097-2019 |
| 4205-0000 to4205-4999 | 8 digits | 8 digits | IP telephone service COMUNICACIONES METROPOLITANAS S.A. | 2019-10-25 In accordance with Resolution RCS-282-2019 |
| 4600-0000to4600-9999 | 8 digits | 8 digits | IP telephone service RING CENTRALES DE COSTA RICA S.A. | 2020-09-10 In accordance with Resolution RCS-235-2020 |
| 4700-0000to4705-9999 | 8 digits | 8 digits | IP telephone service TELEVISORA DE COSTA RICA, S.A. | 2018-09-28 In accordance with Resolution RCS-230-2020 |

Contact:

 Ing. Pedro Arce Villalobos
Superintendencia de Telecomunicaciones (SUTEL)
Apartado Postal 151-1200
SAN JOSÉ, Costa Rica
Tel: +506 4000 0000
Fax: +506 2215 6821
Email: pedro.arce@sutel.go.cr
URL: www.sutel.go.cr

**Côte d'Ivoire (country code +225)**

Communication of 30.X.2020:

The *Autorité de Régulation des Télécommunications/TIC de Côte d’Ivoire (ARTCI)*, Abidjan, wishes to reiterate its announcement of July 2020 regarding the change in format and the introduction of the new national numbering plan, effective as of **0000 hours GMT on 31 January 2021**.

All administrations, recognized operating agencies and service providers are requested to initiate the necessary programming of the changes announced in July 2020 (see below) into their networks by **31 January 2021 (0000 hours GMT)** to enable subscribers to access related services.

In complement to the communication issued in July 2020, ARTCI wishes to emphasize that, following the changeover to the new dialling format, all calls to Côte d'Ivoire mobile numbers must include the digit "0" after the ITU-T E.164 country code "225", as it is part of the national (significant) number (N(S)N). The numbers for mobile telephone service providers will therefore be as follows: +225 **01** XX XX XXXX, +225 **05** XX XX XXXX and +225 **07** XX XX XXXX for MOOV CI, MTN CI and ORANGE CI respectively.

Communication of 13.VII.2020: *(published in Operational Bulletin No. 1201 (1.VIII.2020))*

The *Autorité de Régulation des Télécommunications/TIC de Côte d’Ivoire (ARTCI)*, Abidjan, hereby announces the modification of the national numbering plan of Côte d’Ivoire, from eight (8) to ten (10) digits, effective
**31 January 2021** in Côte d’Ivoire (country code: 225).

The change to ten (10) figures is being made in order to cope with the saturation of mobile service number resources on the one hand and ensure the availability of numbers on the other, thereby meeting the ever increasing demands of mobile telephone operators and future services, such as the Internet of Things.

Under the new ten-digit numbering plan, numbers will be structured as follows: **XZABPQMCDU**.

The theoretical maximum capacity of the ten-digit numbering plan is ten (10) billion numbers for all telecommunication services.

The minimum number length (excluding country code) is **3 digits** and the maximum number length (excluding country code) is **10 digits**.

**1. Presentation of national ten-digit numbering plan**

a) General

The method by which the numbering plan is used is based on sharing according to service type.

In the chain **XZABPQMCDU**, X denotes the services as follows:

* X = 0 for mobile telephone services;
* X = 1 for assistance and emergency services;
* X = 2 for fixed telephone services (geographic and non-geographic);
* X = 3, 4, 5, 6 and 7 for future services (future reserves);
* X = 8, 9 for value-added services.

b) Detailed presentation of new national numbering plan

(see Annex 1)

**2. Changeover**

Aside from the country code (225) preceding the subscriber number in the event of calls originating from abroad, the changeover will consist in adding a prefix **XZ** to the old eight-digit numbers (ABPQMCDU) of the fixed and mobile telephone services. After the changeover on 31 January 2021, this will result in the following:

a) Mobile telephone services

* To call a MOOV CI subscriber, it is necessary to dial "**01**" followed by the old eight-digit number;
* To call an MTN CI subscriber, it is necessary to dial "**05**" followed by the old eight-digit number;
* To call an ORANGE CI subscriber, it is necessary to dial "**07**" followed by the old eight-digit number;

b) Fixed telephone services

* To call a MOOV CI subscriber, it is necessary to dial "**21**" followed by the old eight-digit number;
* To call an MTN CI subscriber, it is necessary to dial "**25**" followed by the old eight-digit number;
* To call an ORANGE CI subscriber, it is necessary to dial "**27**" followed by the old eight-digit number;

c) Emergency, assistance and value-added services

The numbers for emergency, assistance and value-added services, which vary in length from three to eight digits, remain unchanged.

(see Annex 2)

**Annex 1**

*Detailed presentation of new national number plan (according to Rec. ITU-T E.129)
(31 January 2021)*

|  |  |  |  |
| --- | --- | --- | --- |
| *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* |
| *Minimum length* | *Maximum length* |
| 00 | - | - | International access prefix |  |
| 01 (NDC) | 10 | 10 | Mobile telephony | Operator Atlantique Telecom CI |
| 05 (NDC) | 10 | 10 | Mobile telephony | Operator MTN CI |
| 07 (NDC) | 10 | 10 | Mobile telephony | Operator Orange CI |
| 1 (LDS) | 3 | 4 | Assistance, emergency, social, health and other services |  |
| 21 021 1 21 2 (NDC)21 321 4 | 10 | 10 | Fixed telephony (geographic numbers) | Operator Atlantique Telecom CI |
| 25 025 1 25 2 (NDC)25 325 4 | 10 | 10 | Fixed telephony (geographic numbers) | Operator MTN CI |
| 27 027 1 27 2 (NDC)27 327 4 | 10 | 10 | Fixed telephony (geographic numbers) | Operator Orange CI |
| 21 521 6 21 7 (NDC)21 821 9 | 10 | 10 | Fixed telephony (non-geographic numbers) | Operator Atlantique Telecom CI |
| 25 525 6 25 7 (NDC)25 825 9 | 10 | 10 | Fixed telephony (non-geographic numbers) | Operator MTN CI |
| 27 527 6 27 7 (NDC)27 827 9 | 10 | 10 | Fixed telephony (non-geographic numbers) | Operator Orange CI |
|  8 (LDS) | 8 | 8 | Value-added services | - |
|  9 (LDS) | 4 | 8 | Value-added services | - |

LDS = Leading digit of N(S)N

**Annex 2**

*Presentation of modifications made to the ITU-T E.164 numbering plan
of the Republic of Côte d’Ivoire (country code: 225) (according to Rec. ITU-T E.129)*

| *Announced time and date of change (UTC)* | *N(S)N* | *Usage of ITU-T E.164 number* | *Parallel running* | *Operator* |
| --- | --- | --- | --- | --- |
|
|
| *Old number* | *New number* | *Start* | *End* |
| 31 January 2021 – 00:00 | 01 PQ MCDU | 01 01 PQ MCDU | Mobile telephony | N/A | Atlantique Telecom CI |
| 02 PQ MCDU | 01 02 PQ MCDU | Mobile telephony | N/A |
| 03 PQ MCDU | 01 03 PQ MCDU | Mobile telephony | N/A |
| 40 PQ MCDU | 01 40 PQ MCDU | Mobile telephony | N/A |
| 41 PQ MCDU | 01 41 PQ MCDU | Mobile telephony | N/A |
| 42 PQ MCDU | 01 42 PQ MCDU | Mobile telephony | N/A |
| 43 PQ MCDU | 01 43 PQ MCDU | Mobile telephony | N/A |
| 50 PQ MCDU | 01 50 PQ MCDU | Mobile telephony | N/A |
| 51 PQ MCDU | 01 51 PQ MCDU | Mobile telephony | N/A |
| 52 PQ MCDU | 01 52 PQ MCDU | Mobile telephony | N/A |
| 53 PQ MCDU | 01 53 PQ MCDU | Mobile telephony | N/A |
| 70 PQ MCDU | 01 70 PQ MCDU | Mobile telephony | N/A |
| 71 PQ MCDU | 01 71 PQ MCDU | Mobile telephony | N/A |
| 72 PQ MCDU | 01 72 PQ MCDU | Mobile telephony | N/A |
| 73 PQ MCDU | 01 73 PQ MCDU | Mobile telephony | N/A |
| 31 January 2021 – 00:00 | 04 PQ MCDU | 05 04 PQ MCDU | Mobile telephony | N/A | MTN CI |
| 05 PQ MCDU | 05 05 PQ MCDU | Mobile telephony | N/A |
| 06 PQ MCDU | 05 06 PQ MCDU | Mobile telephony | N/A |
| 44 PQ MCDU | 05 44 PQ MCDU | Mobile telephony | N/A |
| 45 PQ MCDU | 05 45 PQ MCDU | Mobile telephony | N/A |
| 46 PQ MCDU | 05 46 PQ MCDU | Mobile telephony | N/A |
| 54 PQ MCDU | 05 54 PQ MCDU | Mobile telephony | N/A |
| 55 PQ MCDU | 05 55 PQ MCDU | Mobile telephony | N/A |
| 56 PQ MCDU | 05 56 PQ MCDU | Mobile telephony | N/A |
| 64 PQ MCDU | 05 64 PQ MCDU | Mobile telephony | N/A |
| 65 PQ MCDU | 05 65 PQ MCDU | Mobile telephony | N/A |
| 66 PQ MCDU | 05 66 PQ MCDU | Mobile telephony | N/A |
| 74 PQ MCDU | 05 74 PQ MCDU | Mobile telephony | N/A |
| 75 PQ MCDU | 05 75 PQ MCDU | Mobile telephony | N/A |
| 76 PQ MCDU | 05 76 PQ MCDU | Mobile telephony | N/A |
| 84 PQ MCDU | 05 84 PQ MCDU | Mobile telephony | N/A |
| 85 PQ MCDU | 05 85 PQ MCDU | Mobile telephony | N/A |
| 86 PQ MCDU | 05 86 PQ MCDU | Mobile telephony | N/A |
| 94 PQ MCDU | 05 94 PQ MCDU | Mobile telephony | N/A |
| 95 PQ MCDU | 05 95 PQ MCDU | Mobile telephony | N/A |
| 96 PQ MCDU | 05 96 PQ MCDU | Mobile telephony | N/A |
| 31 January 2021 – 00:00 | 07 PQ MCDU | 07 07 PQ MCDU | Mobile telephony | N/A | ORANGE CI |
| 08 PQ MCDU | 07 08 PQ MCDU | Mobile telephony | N/A |
| 09 PQ MCDU | 07 09 PQ MCDU | Mobile telephony | N/A |
| 47 PQ MCDU | 07 47 PQ MCDU | Mobile telephony | N/A |
| 48 PQ MCDU | 07 48 PQ MCDU | Mobile telephony | N/A |
| 49 PQ MCDU | 07 49 PQ MCDU | Mobile telephony | N/A |
| 57 PQ MCDU | 07 57 PQ MCDU | Mobile telephony | N/A |
| 58 PQ MCDU | 07 58 PQ MCDU | Mobile telephony | N/A |
| 59 PQ MCDU | 07 59 PQ MCDU | Mobile telephony | N/A |
| 67 PQ MCDU | 07 67 PQ MCDU | Mobile telephony | N/A |
| 68 PQ MCDU | 07 68 PQ MCDU | Mobile telephony | N/A |
| 69 PQ MCDU | 07 69 PQ MCDU | Mobile telephony | N/A |
| 77 PQ MCDU | 07 77 PQ MCDU | Mobile telephony | N/A |
| 78 PQ MCDU | 07 78 PQ MCDU | Mobile telephony | N/A |
| 79 PQ MCDU | 07 79 PQ MCDU | Mobile telephony | N/A |
| 87 PQ MCDU | 07 87 PQ MCDU | Mobile telephony | N/A |
| 88 PQ MCDU | 07 88 PQ MCDU | Mobile telephony | N/A |
| 89 PQ MCDU | 07 89 PQ MCDU | Mobile telephony | N/A |
| 97 PQ MCDU | 07 97 PQ MCDU | Mobile telephony | N/A |
| 98 PQ MCDU | 07 98 PQ MCDU | Mobile telephony | N/A |
| 31 January 2021 – 00:00 | 20 8 QMCDU | 21 20 8 QMCDU | Fixed telephony | N/A | Atlantique Telecom |
| 21 8 QMCDU | 21 21 8 QMCDU | Fixed telephony | N/A | Atlantique Telecom |
| 22 8 QMCDU | 21 22 8 QMCDU | Fixed telephony | N/A | Atlantique Telecom |
| 23 8 QMCDU | 21 23 8 QMCDU | Fixed telephony | N/A | Atlantique Telecom |
| 20 0 QMCDU | 25 20 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 21 0 QMCDU | 25 21 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 22 0 QMCDU | 25 22 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 23 0 QMCDU | 25 23 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 24 0 QMCDU | 25 24 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 30 0 QMCDU | 25 30 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 31 0 QMCDU | 25 31 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 32 0 QMCDU | 25 32 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 33 0 QMCDU | 25 33 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 34 0 QMCDU | 25 34 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 35 0 QMCDU | 25 35 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 36 0 QMCDU | 25 36 0 QMCDU | Fixed telephony | N/A | MTN CI |
| 31 January 2021 – 00:00 | 20 2 QMCDU | 27 20 2 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 20 3 QMCDU | 27 20 3 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 21 2 QMCDU | 27 21 2 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 21 3 QMCDU | 27 21 3 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 21 5 QMCDU | 27 21 5 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 21 7 QMCDU | 27 21 7 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 22 4 QMCDU | 27 22 4 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 22 5 QMCDU | 27 22 5 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 23 4 QMCDU | 27 23 4 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 23 5 QMCDU | 27 23 5 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 24 3 QMCDU | 27 24 3 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 24 4 QMCDU | 27 24 4 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 24 5 QMCDU | 27 24 5 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 30 6 QMCDU | 27 30 6 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 31 6 QMCDU | 27 31 6 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 31 9 QMCDU | 27 31 9 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 32 7 QMCDU | 27 32 7 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 33 7 QMCDU | 27 33 7 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 34 7 QMCDU | 27 34 7 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 35 7 QMCDU | 27 35 7 QMCDU | Fixed telephony | N/A | ORANGE CI |
| 36 7 QMCDU | 27 36 7 QMCDU | Fixed telephony | N/A | ORANGE CI |

N/A = Not applicable

Contact:

Autorité de Régulation des Télécommunications/TIC de Côte d'Ivoire (ARTCI)
Marcory Anoumanbo

18 BP 2203 ABIDJAN

Côte d'Ivoire

Tel: +225 20344373

Fax: +225 20344375

URL: www.artci.ci

**Niger (country code +227)**

Communication of 28.X.2020:

The *Autorité de Régulation des Communications Électroniques et de la Poste (ARCEP)*, Niamey, announces that the number block **+227 83 XX XX XX** is indeed allocated to the operator "NIGER TELECOMS SA" for the provision of mobile telephone services since 30 August 2018.

All Administrations, Recognized Operating Agencies (ROAs) and service providers are requested to initiate the necessary programming of the above-mentioned number range into their network to enable subscribers to access services.

Contact:

Ms Touré Beidari Leila Kadri
Chef de Département Gestion des Ressources
ARCEP (Autorité de Régulation des Communications Électroniques et de la Poste)
B.P.: 13179

NIAMEY

Niger

Tel: +227 20 73 90 11 / +227 20 73 90 08

E-mail: leila.kadri@arcep.ne / leilah41@hotmail.com

URL: www.arcep.ne

Service Restrictions

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

|  |  |
| --- | --- |
| Country/geographical area | OB |

|  |  |  |  |
| --- | --- | --- | --- |
| **Seychelles** | **1006 (p.13)** |  |  |
| **Slovakia** | **1007 (p.12)** |  |  |
| **Malaysia** | **1013 (p.5)** |  |  |
| **Thailand** | **1034 (p.5)** |  |  |
| **São Tomé and Principe** | **1039 (p.14)** |  |  |
| **Uruguay** | **1039 (p.14)** |  |  |
| **Hong Kong, China** | **1068 (p.4)** |  |  |
| **Ukraine** | **1148 (p.5)** |  |  |

Call-Back
and alternative calling procedures (Res. 21 Rev. PP-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**

**KE02** TELKOM KENYA LIMITED, 30301 00100, Nairobi, Kenya.

 E-mail: snwawira@telkom.co.ke, Tel: +254 (020) 4952000.

**REP**

**KE01** Communications Authority of Kenya, 14448 00800, Nairobi, Kenya.

 E-mail: onyando@ca.go.ke, Tel: +254 (020) 4242000/445, +254 703042000/445,

 Fax: +254 2 330435,

 Contact person: Tom M. OLWERO, Director Frequency Spectrum Management.

**SUP**

**US01** Federal Communications Commission, 1245 12th Street, SW,

 Room CY-C140 Washington, DC 20554, United States.

 Contact Person: Tim Dates, Tel: +1 202 418 0496, ITS Group.

**US13** Telemar USA LLC, 2302 South Battleground Road, La Porte,

 TX 77571, United States.

 Contact Person: E. Vaughan, 15 Blue Hosta Way, Rockville, MD 20850.

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

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)
(Amendment No. 37)

**French Guiana ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| French Guiana | **Free Caraïbe**MBE 262 Mangot Vulcin97232 LE LAMENTINFrance | **89 594 04** | Pascal Mayeux16 rue de la Ville l’Evêque75008 PARISFranceTel: +33 173502495

|  |  |
| --- | --- |
| E-mail: | pmayeux@free-mobile.fr |

 | 1.VII.2020 |

**Guadeloupe ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Guadeloupe | **Free Caraïbe**MBE 262 Mangot Vulcin97232 LE LAMENTINFrance | **89 590 09** | Pascal Mayeux16 rue de la Ville l’Evêque75008 PARISFranceTel: +33 173502495

|  |  |
| --- | --- |
| E-mail: | pmayeux@free-mobile.fr |

 | 1.VII.2020 |

**Martinique ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Martinique | **Free Caraïbe**MBE 262 Mangot Vulcin97232 LE LAMENTINFrance | **89 596 04** | Pascal Mayeux16 rue de la Ville l’Evêque75008 PARISFranceTel: +33 173502495

|  |  |
| --- | --- |
| E-mail: | pmayeux@free-mobile.fr |

 | 1.VII.2020 |

**Japan ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Japan | **GRAPE ONE LTD.**Hakusei Building 4F, 1-3-9, Iwamotocho, Chiyoda-Ward, TOKYO | **89 81 15** | Kazuyuki Endo, Planning DepartmentHakusei Building 4F, 1-3-9, Iwamotocho,Chiyoda-Ward, TOKYOTel: +81 3 6240 9638Fax: +81 3 6240 9831E-mail: endo.kazuyuki@grapeone.co.jp | 1.XI.2020 |

**Kenya ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Kenya | **Infura Limited**1 Flr Park Place ParklandsNAIROBI | **89 254 12** | CTO Infura Limited1st Floor Park PlaceLimuru Road ParklandsNAIROBIE-mail: info@infura.co.ke | 1.X.2020 |

**United States ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| United States | **Puloli, Inc.**649 Mission StreetSan Francisco, CA 94105 | **89 1 055** | CEO, Puloli, Inc.649 Mission StreetSan Francisco, CA 94105Tel: +1 415 926 2000E-mail: info@puloli.com | 1.X.2020 |

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. 104)

| ***Country or area/ISO code*** | ***Company Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***Germany (Federal Republic of) / DEU* ADD**

|  |  |  |
| --- | --- | --- |
| Comparar GmbHSchulze-Delitzsch-Strasse 23 CD-30938 BURGWEDEL | **COMP01** | Mr Christian DehningTel.: +49 5139 69782430Fax: +49 5139 69782499Email: portierung@comparar.de |

|  |  |  |
| --- | --- | --- |
| novanetz GmbH & Co.KGLandwehrstrasse 76D-30519 HANNOVER | **NOVA** | Mr Dennis KornehlTel.: +49 511 99998035Fax: +49 511 99998041Email: dk@mwerk.net |

|  |  |  |
| --- | --- | --- |
| Städtische Werke Angermünde GmbHBerliner Strasse 1D-16278 ANGERMÜNDE | **SWANG** | Mr Benjamin NoackTel.: +49 3331 3655 222Fax: +49 3331 3655 25Email: benjamin.noack@sw-angermuende.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.2020, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Congo | +242 |
| Senegal | +221 |