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Place des Nations CH-1211
Genève 20 (Switzerland)
Tel: +41 22 730 5111
E-mail: itumail@itu.int

Standardization Bureau (TSB)
Tel: +41 22 730 5211
Fax: +41 22 730 5853
E-mail: tsbmail@itu.int / tsbtson@itu.int

Radiocommunication Bureau (BR)
Tel: +41 22 730 5560
Fax: +41 22 730 5785
E-mail: brmail@itu.int

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| 1209 | 1.XII.2020 | 16.XI.2020 |
| 1210 | 15.XII.2020 | 1.XII.2020 |
| 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 |

Approval of ITU-T Recommendations

By AAP-91, 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 E.804.1 (10/2020): Application guide for Recommendation ITU-T E.804: Quality of service aspects for popular services in mobile networks
- ITU-T G.1072 (2020) Cor. 1 (10/2020)
- ITU-T P.381 (10/2020): Technical requirements and test methods for the universal wired headset or headphone interface of digital mobile terminals
- ITU-T P.382 (10/2020): Technical requirements and test methods for multi-microphone wired headset or headphone interfaces of digital wireless terminals
- ITU-T P.919 (10/2020): Subjective test methodologies for 360° video on head-mounted displays
- ITU-T Y.3525 (09/2020): Cloud computing - Requirements for cloud service development and operation management

By TSB Circular 270 of 20 October 2020, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T X.1254 (09/2020): Entity authentication assurance framework
- ITU-T X.1148 (09/2020): Framework of de-identification process for telecommunication service providers
- ITU-T X.1216 (09/2020): Requirements for collection and preservation of cybersecurity incident evidence
- ITU-T X.1279 (09/2020): Framework of enhanced authentication using telebiometrics with anti-spoofing detection mechanisms
- ITU-T X.1366 (09/2020): Aggregate message authentication schemes for IoT environment
- ITU-T X.1367 (09/2020): Standard format for Internet of things error logs for security incident operations
- ITU-T X.1403 (09/2020): Security guidelines for using DLT for decentralized identity management
- ITU-T X.1606 (09/2020): Security requirements for communications as a service application environments
- ITU-T X.1750 (09/2020): Guidelines on security of big data as a service for Big Data Service Providers
- ITU-T X.1751 (09/2020): Security guidelines on big data lifecycle management for telecommunication operators

Telephone Service (Recommendation ITU-T E.164)

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

Kenya (country code +254)

Communication of 14.X.2020:

The *Communications Authority of Kenya (CA)*, Nairobi, announces the following updated National Numbering Plan of Kenya.

Description of Updated National E.164 Numbering Plan for Kenya, Country Code 254:

a) Overview:

Minimum number length (excluding the country code): seven (7) digits
Maximum number length (excluding the country code): twelve (12) digits

b) Detail of numbering plan:

| (1) | (2) | | (3) | (4) |
|--|---------------------|----------------|---|---|
| NDC (national destination code) or leading digits of N(S)N (national significant number) | N(S)N number length | | Usage of E.164 number | Additional information |
| | Minimum length | Maximum length | | |
| 100 to 106 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 110 to 115 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 120(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Jambo Telcoms Ltd |
| 121(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Infura Ltd |
| 124(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Finserve Africa Ltd |
| 20 (NDC) | Eight (8) | Nine (9) | Geographical number for fixed telephony services | Area Code for Nairobi |
| 30 (NDC) | Twelve (12) | Twelve (12) | M2M numbers | 300 00X XXX XXX Assigned to Safaricom PLC |
| 40 (NDC) | Eight (8) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kwale |
| 41 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Mombasa |
| 42 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Malindi, Lamu and Garsen |
| 43 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Voi |
| 44 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Machakos, Makueni and Kitui |
| 45 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Athi-River, Kajiado and Loitokitok |
| 46 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Garissa, Wajir and Mandera |
| 50 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Naivasha, Gilgil and Narok of Nakuru region |

| (1) | (2) | | (3) | (4) |
|--|---------------------|----------------|---|---|
| NDC (national destination code) or leading digits of N(S)N (national (significant) number) | N(S)N number length | | Usage of E.164 number | Additional information |
| | Minimum length | Maximum length | | |
| 51 (NDC) | Eight (8) | Nine (9) | Geographical number for fixed telephony services | Area Code for Nakuru, Njoro, Molo areas of Nakuru |
| 52(NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kericho and Bomet |
| 53(NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Eldoret, Turbo, Kapsabet, Iten and Kabarnet |
| 54 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kitale, Moisbridge, Kapenguria and Lodwar |
| 55 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Bungoma and Busia |
| 56 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kakamega, and Vihiga regions |
| 57 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kisumu, and Siaya regions |
| 58 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kisii, Kilgoris, Oyugis and Nyamira |
| 59 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Homabay and Migori |
| 60 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Muranga and Kirinyaga |
| 61 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Nyeri |
| 62 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Nanyuki |
| 64 (NDC) | Seven | Nine (9) | Geographical number for fixed telephony services | Area Code for Meru, Maua and Chuka |
| 66 (NDC) | Eight (8) | Nine (9) | Geographical number for fixed telephony services | Area Code for Thika and Ruiru |
| 67 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Kiambu and Kikuyu towns |
| 68 (NDC) | Nine (9) | Nine (9) | Geographical number for fixed telephony services | Area Code for Embu |
| 69 (NDC) | Seven (7) | Nine (9) | Geographical number for fixed telephony services | Area Code for Marsabit and Moyale |
| 700 to 709 (NDC) 710 to 719 (NDC) 720 to 729 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 730 to 739 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 740 to 743(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 744 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Homeland Media Ltd |

| (1) | (2) | | (3) | (4) |
|--|---------------------|----------------|---|---|
| NDC (national destination code) or leading digits of N(S)N (national (significant) number) | N(S)N number length | | Usage of E.164 number | Additional information |
| | Minimum length | Maximum length | | |
| 745 to 746(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 747 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Jamii Telecoms Ltd |
| 748 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 749 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services |
| 750 to 756 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 757 to 759(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 760 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Mobile Pay Ltd |
| 761(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Eferio Kenya Ltd |
| 762 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 763 to 766 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Finserve Africa Ltd |
| 767 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 768 to 769(NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |
| 770 to 779 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Telkom Kenya Ltd |
| 780 to 789 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Airtel Networks Kenya Ltd |
| 790 to 799 (NDC) | Nine (9) | Nine (9) | Non Geographical number for mobile telephony services | Mobile Telephony Services assigned to Safaricom PLC |

Contact:

Communications Authority of Kenya (CA)
Waiyaki Way, Nairobi.
P.O. Box 14448
NAIROBI 00800
Kenya
Tel: +254 20 4242000/+254 703 042000
E-mail: info@ca.go.ke
URL: www.ca.go.ke

Papua New Guinea (country code +675)

Communication of 15.X.2020:

The *National Information & Communications Technology Authority (NICTA)*, Boroko, announces the following update in the national numbering plan of Papua New Guinea.

Description of introduction of new resource for national E.164 numbering plan for country code 675:

| <i>NDC (national destination code) or leading digits of N(S)N (national (significant) number)</i> | <i>N(S)N number length</i> | | <i>Usage of ITU-T E.164 number</i> | <i>Additional information</i> |
|---|----------------------------|-----------------------|---|-------------------------------|
| | <i>Maximum length</i> | <i>Minimum length</i> | | |
| 88000000 – 88999999 (NDC) | 8 | 8 | Non-geographic number. Assigned to Digicel (PNG) Limited | GSM mobile service |

Contact:

Mr Kila Gulo-Vui
National Information & Communications Technology Authority (NICTA)
Corner of Frangipani & Croton Street, HOHOLA
P.O. Box 8222
111 BOROKO, NCD
Papua New Guinea
Tel: +675 303 3227
Fax: +675 325 6868
E-mail: kgulovui@nicta.gov.pg
URL: www.nicta.gov.pg

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) | | |

Service Identity Assignments (List V) Edition of 2020

Section VI

ADD

- CV76** ANTÃO SHIPPING – TRANSPORTE DE COMBUSTÍVEIS, SOCIEDADE UNIPessoal LDA, Rua Senador Vera Cruz – Mindelo - S. Vicente – Cabo Verde Mindelo - São Vicente República de Cabo Verde.
Contact Person: Lorenz Weinstabl, Tel: (+238) 9829293,
E-mail: lorenz.weinstabl@atlantis-tankers.com

**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. 36)

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 | NEC Networks & System Integration Corporation Iidabashi First Tower, 2-6-1 Koraku, Bunkyo-ku TOKYO 112-8560 | 89 81 14 | Business Design Operation Unit Nihonbashi Muromachi Mitsui Tower 3-2-1 Muromachi Nihonbashi Chuoku TOKYO 103-0022 Tel: +81 3 4582 2950 E-mail: arikawa.yohei@nesic.com | 1.X.2020 |

United States 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> |
|---|--|-------------------------------------|---|--|
| United States | JCI US INC 61 Inverness Drive E # 108 Englewood, CO 80112 | 89 1 056 | SIM Administrator JCI US INC 61 Inverness Drive E # 108 Englewood, CO 80112 E-mail: usimadmin@jcius.com | 7.IX.2020 |

**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. 42)

| <i>Country/Geographical area</i> | <i>MCC+MNC *</i> | <i>Operator/Network</i> |
|----------------------------------|------------------|-------------------------|
| Brazil ADD | | |
| | 724 21 | LIGUE |
| Kenya ADD | | |
| | 639 11 | Jambo Telcoms Limited |
| | 639 12 | Infura Limited |

* 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

**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.X.2020, the following countries/geographical areas have updated their national numbering plan on our site:

| <i>Country/ Geographical area</i> | <i>Country Code (CC)</i> |
|-----------------------------------|--------------------------|
| China | +86 |
| Mauritius | +230 |
| Myanmar | +95 |
| Palau | +680 |