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| **ITU Operational Bulletinwww.itu.int/itu-t/bulletin** |
| No. **1222** | 15.VI.2021 | (Information received by 1 June 2021) ISSN 1564-5223 (Online) |
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| 1224 | 15.VII.2021 | 30.VI.2021 |
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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](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval of ITU-T Recommendations

By AAP-105, 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.703 (2016) Amd. 1 (05/2021): Physical/electrical characteristics of hierarchical digital interfaces - Amendment 1

– ITU-T G.709/Y.1331 (2020) Cor. 1 (05/2021): Interfaces for the optical transport network: Corrigendum 1

– ITU-T G.709.4/Y.1331.4 (2020) Cor. 1 (05/2021): OTU25 and OTU50 short-reach interfaces - Corrigendum 1

– ITU-T G.798 (2017) Cor. 2 (05/2021): Characteristics of optical transport network hierarchy equipment functional blocks - Corrigendum 2

– ITU-T G.987.3 (2014) Amd. 2 (05/2021): 10-Gigabit-capable passive optical networks (XG-PON): Transmission convergence (TC) layer specification - Amendment 2

– ITU-T G.7714.1/Y.1705.1 (2017) Amd. 1 (05/2021): Protocol for automatic discovery in transport networks - Amendment 1

– ITU-T G.8010/Y.1306 (2004) Amd. 3 (05/2021): Architecture of Ethernet layer networks - Amendment 3

– ITU-T G.8271.2/Y.1366.2 (05/2021): Network limits for time synchronization in packet networks with partial timing support from the network

– ITU-T G.8273.4/Y.1368.4 (2020) Amd. 1 (05/2021): Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with partial timing support from the network - Amendment 1

– ITU-T G.8275/Y.1369 (2020) Amd. 1 (05/2021): Architecture and requirements for packet-based time and phase distribution - Amendment 1

– ITU-T G.9806 (2020) Amd. 2 (05/2021): Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP) - Amendment 2

– ITU-T K.56 (05/2021): Protection of radio base stations against lightning discharges

– ITU-T K.112 (05/2021): Lightning protection, earthing and bonding: Practical procedures for radio base stations

– ITU-T L.100/L.10 (05/2021): Optical fibre cables for duct and tunnel application

By TSB Circular 320 of 31 May 2021, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

ITU-T D.1041 (05/2021): Policy and methodological principles for determining co-location and access charges

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 Confederation of Switzerland, 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):

|  |  |
| --- | --- |
| *Country*/*geographical area or signalling network* | *SANC* |
| Switzerland (Confederation of) | 7-209 |

\_\_\_\_\_\_\_\_\_\_\_\_

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

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**.

| *Network* | *Mobile Country Code (MCC) and Mobile Network Code (MNC)* | *Date of assignment* |
| --- | --- | --- |
| Flo Live Limited | 901 80 | 1.VI.2021 |
| Airnity SAS | 901 81 | 1.VI.2021 |

Telephone Service
(Recommendation ITU-T E.164)

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

Ghana (country code +233)

##### Communication of 19.V.2021:

The *National Communications Authority (NCA),* Accra, announces the assignment of new numbering blocks to an existing GSM/UMTS operator, Scancom PLC (MTN Ghana).

1. Overview:

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

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

1. Detail of numbering plan:

| 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 |
| --- | --- | --- | --- |
| Maximum length | Minimum length |
| 59Y (NDC) Y = 7, 8 & 9(59 7XX XXXX)(59 8XX XXXX)(59 9XX XXXX) | 9 | 9 | Non-geographic number for mobile services | Scancom PLC (MTN Ghana) |
| 25Z (NDC) Z = 6 & 7(25 6XXXXXX)(25 7XXXXXX) | 9 | 9 | Non-geographic number for mobile services | Scancom PLC (MTN Ghana) |

Contact:

National Communications Authority (NCA)

Mr Paul Kofi Datsa

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P.O. Box CT 1568, Cantonments

ACCRA

Ghana

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Fax: +233 302 763 449

E-mail: info@nca.org.gh

URL: www.nca.org.gh

Iran (Islamic Republic of) (country code +98)

Communication of 18.V.2021:

The *Communications Regulatory Authority (CRA)*, Tehran, announces the following updated National Numbering Plan of the Islamic Republic of Iran.

**Presentation of the Iran E.164 numbering plan**

**1- General Information**

The E.164 numbering Plan of Iran:

* Country Code: +98
* International Prefix: "00"
* National Prefix: "0"

For national calls, it must be dialled before all telephone numbers except short numbers.

It must not be dialled from abroad.

* National destination Code: 2 digits.

**2- Detail of Numbering Scheme**

* NDC: National Destination Code
* NSN: National Significant Number (NDC + SN)

The minimum number length (excluding the country code) is 5 digits

The maximum number length (excluding the country code) is 10 digits

Numbering Scheme

| *NDC* | *NSN Number length* | Usage of E.164 | Additional Information |
| --- | --- | --- | --- |
| Minimum | Maximum |
| 11 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Mazandaran) |
| 13 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Gilan) |
| 17 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Golestan) |
| 21 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Tehran) |
| 23 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Semnan) |
| 24 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Zanjan) |
| 25 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Qom) |
| 26 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Alborz) |
| 28 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Ghazvin ) |
| 31 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Isfahan) |
| 34 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Kerman) |
| 35 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Yazd) |
| 38 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Chahar Mahal vaBakhtiari) |
| 41 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- East Azarbayjan) |
| 44 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- West Azarbayjan) |
| 45 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Ardabil) |
| 51 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Razavi Khorasan) |
| 54 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – SistanvaBalochestan) |
| 56 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – South Khorasan) |
| 58 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers - North Khorasan) |
| 61 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers -Khuzestan) |
| 66 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers - Lorestan) |
| 71 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers - Fars) |
| 74 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers –Kohgiluoyeva Boyer Ahmad) |
| 76 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers - Hormozgan) |
| 77 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers - Bushehr) |
| 81 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Hamadan) |
| 83 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Kermanshahan) |
| 84 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers- Ilam) |
| 86 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Markazi) |
| 87 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers-Kurdestan) |
| 9001 | 10 | 10 | Mobile services |  |
| 9002 | 10 | 10 | Mobile services |  |
| 9003 | 10 | 10 | Mobile services |  |
| 9004 | 10 | 10 | Mobile services |  |
| 9005 | 10 | 10 | Mobile services |  |
| 9006 | 10 | 10 | Mobile services |  |
| 9007 | 10 | 10 | Mobile services |  |
| 9008 | 10 | 10 | Mobile services |  |
| 9009 | 10 | 10 | Mobile services |  |
| 901 | 10 | 10 | Mobile services |  |
| 902 | 10 | 10 | Mobile services |  |
| 903 | 10 | 10 | Mobile services |  |
| 9044 | 10 | 10 | Mobile services |  |
| 9045 | 10 | 10 | Mobile services |  |
| 9046 | 10 | 10 | Mobile services |  |
| 905 | 10 | 10 | Mobile services |  |
| 91 | 10 | 10 | Mobile services |  |
| 920 | 10 | 10 | Mobile services |  |
| 921 | 10 | 10 | Mobile services |  |
| 922 | 10 | 10 | Mobile services |  |
| 93 | 10 | 10 | Mobile services |  |
| 942121 | 10 | 10 | Fixed Phone  | Non geographical |
| 94220 | 10 | 10 | Fixed Phone  | Non geographical |
| 94260 | 6 | 10 | Fixed Phone  | Non geographical |
| 942800 | 10 | 10 | Fixed Phone  | Non geographical |
| 942801 | 10 | 10 | Fixed Phone | Non geographical |
| 942802 | 10 | 10 | Fixed Phone | Non geographical |
| 942900 | 10 | 10 | Fixed Phone  | Non geographical |
| 942901 | 10 | 10 | Fixed Phone | Non geographical |
| 942902 | 10 | 10 | Fixed Phone | Non geographical |
| 942903 | 10 | 10 | Fixed Phone | Non geographical |
| 942904 | 10 | 10 | Fixed Phone | Non geographical |
| 9430130 | 10 | 10 | Fixed Phone  | Non geographical |
| 943016 | 10 | 10 | Fixed Phone | Non geographical |
| 940000 | 10 | 10 | Fixed Phone (fiber) | Non geographical |
| 940009 | 10 | 10 | Fixed Phone (fiber) | Non geographical |
| 94440 | 10 | 10 | Fixed Phone (Fixed wireless Access) | Just Originating from Iran |
| 96 | 4 | 10 | Services Codes |  |
| 990 | 10 | 10 | Mobile services |  |
| 991 | 10 | 10 | Mobile services |  |
| 992 | 10 | 10 | Mobile services |  |
| 993 | 10 | 10 | Mobile services |  |
| 9940 | 10 | 10 | Mobile services |  |
| 9941 | 10 | 10 | Mobile services |  |
| 9944 | 10 | 10 | Mobile services |  |
| 9945 | 10 | 10 | Mobile services |  |
| 9950 | 5 | 10 | Public Trunk |  |
| 99510 | 10 | 10 | Mobile services |  |
| 99550 | 10 | 10 | Mobile services |  |
| 99810 | 10 | 10 | Mobile services |  |
| 99811 | 10 | 10 | Mobile services |  |
| 99812 | 10 | 10 | Mobile services |  |
| 99813 | 10 | 10 | Mobile services |  |
| 99814 | 10 | 10 | Mobile services |  |
| 99815 | 10 | 10 | Mobile services |  |
| 99888 | 10 | 10 | Mobile services |  |
| 99900 | 10 | 10 | Mobile services |  |
| 99901 | 10 | 10 | Mobile services |  |
| 99903 | 10 | 10 | Mobile services |  |
| 99910 | 10 | 10 | Mobile services |  |
| 99911 | 10 | 10 | Mobile services |  |
| 99912 | 10 | 10 | Mobile services |  |
| 99913 | 10 | 10 | Mobile services |  |
| 99914 | 10 | 10 | Mobile services |  |
| 99921 | 10 | 10 | Mobile services |  |
| 99977 | 10 | 10 | Mobile services |  |
| 99987 | 10 | 10 | Mobile services |  |
| 99988 | 10 | 10 | Mobile services |  |
| 99989 | 10 | 10 | Mobile services |  |
| 99990 | 10 | 10 | Mobile services |  |
| 99991 | 10 | 10 | Mobile services |  |
| 99992 | 10 | 10 | Mobile services |  |
| 99993 | 10 | 10 | Mobile services |  |
| 99994 | 10 | 10 | Mobile services |  |
| 99995 | 10 | 10 | Mobile services |  |
| 99996 | 10 | 10 | Mobile services |  |
| 99997 | 10 | 10 | Mobile services |  |
| 99998 | 10 | 10 | Mobile services |  |
| 99999 | 10 | 10 | Mobile services |  |

Contact:

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E-mail: darvishi@cra.ir

URL: www.cra.ir

Issuer Identifier Number (IIN)
(Recommendation ITU-T E.118 (05/2006))

#### Note from TSB

1 ITU-T Study Group 2 has developed Recommendation [ITU-T E.118 “The international telecommunication charge card”](http://www.itu.int/rec/T-REC-E.118-200605-I). This recommendation specifies the structure of the visible card number (primary account number) and the Issuer Identifier Number (IIN) assignment and registration procedure. The Issuer Identifier Number is a part of the visible card number with a maximum length of 19 characters. The IIN follows the Major Industry Identifier (MII) “89” for telecommunication purpose and then the E.164 Country Code. The structure is as follows:



2 The IIN is used to distinguish among multiple Operating Agencies (OAs) who issue cards within a given country; or to distinguish individual countries sharing the same country code, or to distinguish both countries and issuers. One of the typical uses is to identify an issuer of SIM (Subscriber Identity Module) cards.

3 The assignment of specific Issuer Identifier Numbers should be the responsibility of a country. These numbers should only be assigned with the agreement of the national Administrations.

ITU is the central registration Authority for Issuer Identifier Numbers (IINs) with Major Industry Identifier (MII) “89” for telecommunication purposes.

4 *List of ITU-registered IINs:*

Any change to information contained in the List of ITU-registered IINs should therefore be communicated to the ITU, TSB/OBNA Secretariat for record update and publication as an amendment in the ITU Operational Bulletin (OB). The OB is published on 1st and 15th of each month.

It is important that all IIN assignees can be reached to notify them of administrative matters that may require action or to handle queries related to registered IIN.

5 *Modification of information related to registered ITU-T E.118 IIN:*

In order to maintain the IIN list, all registered compagnies have the responsibility to notify all modifications concerning their company and contact person or team (including full address and e-mail address) to ITU, TSB/OBNA Secretariat and the updates would need to be endorsed by the national Administration or sent by the national Administration.

The IIN assignee contact is published in ITU Operational Bulletin which is publicly accessible (<https://www.itu.int/pub/T-SP>) and registered in ITU. The contact may therefore receive queries related to registered IIN.

A public team name/tel/mailbox email address responsible for handling these queries should be provided.

More particularly, the companies indicated in the document below are requested to send all modifications concerning their company and contact details and the updates would need to be endorsed by the national Administration or sent by the national Administration.

The document available at the following link contains only the list of ITU-T E.118 IINs for which the assignee contact is not reachable:

<https://www.itu.int/en/ITU-T/inr/forms/Pages/iin.aspx#assignee-contact-not-reachable>

6 *Cancellation procedure for an ITU-T E.118 IIN:*

IIN is a scarce numbering resource. Should the IIN no longer be in use by the registered company, a cancellation would need to be validated by the national Administration.

Part A of the registration form should be completed.

Part B of the registration form must be completed and approved by the national Administration.

(Note: effective date of cancellation should be provided and Cancellation must be ticked on the form)

The form can be downloaded at the following link: <http://www.itu.int/oth/T0206000007>

Following the national Administration’s confirmation of cancellation, the form should be sent to ITU, TSB/OBNA Secretariat.

7 For further information on IIN and fees, please see:

 <http://www.itu.int/en/ITU-T/inr/forms/Pages/iin.aspx>.

8 Please address your comments to:

Operational Bulletin and Numbering Administration

International Telecommunication Union

Telecommunication Standardization Bureau

Place des Nations CH - 1211 GENEVA 20, Switzerland

Fax: +41 22 730 5853

E-mail: tsbtson@itu.int

Other communication

Austria

Communication of 26.V.2021:

On the occasion of the "60 years Antarctic Treaty", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE60ANT** from 1 July to 31 December 2021.

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 Coast Stations and Special Service Stations
(List IV)

Edition of 2019

**(Amendment No. 5)\***

#### SNG Singapore

Notes **CS**2 to **CS**12 **LIR**

**CS**2 **Inmarsat–C/Mini-C**

 Charges applicable in the maritime mobile-satellite service via Burum coast earth station.

1. Telex and fax

 a) Mobile-to-shore

|  |
| --- |
| **SDR/256 bits** |
| **Text to fax** | **Telex** | **Multiple addresses** |
| **1st address** | **2nd address** |
| 0.19 | 0.19 | 0.19 | 0.06 exceptDNK FIN G ISL NOR S SNG |

 b) Mobile-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/256 bits** |
| **Text to fax** | **Telex** |
| Inmarsat–C to Inmarsat–C (POR/IOR) | – | 0.19 |
| Inmarsat–C to Inmarsat–C (AORE/AORW) | – | 0.33 |
| Inmarsat–C to BGAN and FleetBroadband | 0.62 | – |

**\_\_\_\_\_\_\_\_\_\_\_\_**

**\* All the notes in List IV are published exclusively in English. Therefore, this amendment is presented only in English.**

2. PSDN (mobile-to-shore)

 a) Singapore: 0.18 SDR/256 bits.

 b) Other countries: 0.18 SDR/256 bits.

3. CPLUS charges

 a) Shore-to-mobile

 – Messaging: 0.18 SDR/256 bits.
– SafetyNET: 0.097 SDR/256 bits.
– FleetNET: 0.460 SDR/256 bits.
– Polling with text: 0.460 SDR/256 bits.
– Polling without text: 0.226 SDR/poll.

 b) Mobile-to-shore (charged to mobile)

 Data reporting: 0.035 SDR/packet (landline charges applicable to automatic delivery).

**CS**3 **Inmarsat–BGAN** (Charging duration is per block of 15 seconds)

 Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

|  |  |
| --- | --- |
|  | **SDR/min.** |
| **Services** | **Voice** | **ISDN** |
| BGAN Voice | 3.07 |  |
| BGAN ISDN |  | 7.08 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR** |
| Monthly Subscription fee | 66.– |
| Monthly Inbundle Dollar Allowance | 29.– |

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.73 |
| Voice (Mobile to Cellular) | min. | 0.95 |
| Voicemail | min. | 0.58 |
| BGAN Voice | min. | 0.55 |
| FleetBroadband Voice | min. | 0.55 |
| SwiftBroadband Voice | min. | 0.55 |
| Inmarsat Swift Voice | min. | 1.82 |
| Aero Voice | min. | 3.57 |
| Satellite Phone Service (SPS) Voice | min. | 1.46 |
| IsatPhone Pro (GSPS) Voice | min. | 0.55 |
| Iridium Voice | min. | 8.02 |
| Thuraya Voice | min. | 3.64 |
| Other MSS Carriers | min. | 5.03 |
| SMS (per SMS) | MSG | 0.36 |
| Standard IP (per MB) | Mbyte | 5.83 |
| *...(Cont.)* |
| *...(Cont.)* |
| 32kbps Streaming IP | min. | 2.62 |
| 64kbps Streaming IP | min. | 5.03 |
| 128kbps Streaming IP | min. | 8.75 |
| 176kbps Streaming IP | min. | 12.39 |
| 256kbps Streaming IP | min. | 15.09 |
| X-Stream Streaming IP | min. | 21.14 |
| BGAN HRD Half Channel/64K | min. | 15.09 |
| BGAN HRD Half Channel Symmetric | min. | 20.41 |
| BGAN HRD Full Channel/64K | min. | 23.33 |
| BGAN HRD Full Channel Symmetric | min. | 27.70 |
| ISDN / 3.5 kHz Audio | min. | 5.10 |
| FleetBroadband ISDN | min. | 5.10 |
| BGAN ISDN | min. | 5.10 |
| Inmarsat Swift HSD | min. | 11.66 |
| Satellite Phone Service (SPS) ISDN | min. | 5.10 |
| IsatPhone Pro (GSPS) ISDN | min. | 5.10 |
| Iridium ISDN | min. | 11.66 |
| Thuraya ISDN | min. | 11.66 |
| Other MSS Carriers ISDN | min. | 11.66 |
| Aero Voice ISDN | min. | 11.66 |
| SwiftBroadband ISDN | min. | 5.10 |

**CS**4 **Inmarsat–FleetBroadband** (Charging duration is per block of 15 seconds)

 Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

|  |  |
| --- | --- |
|  | **SDR/min.** |
| **Services** | **Voice** | **ISDN** |
| FleetBroadband Voice | 3.07 |  |
| FleetBroadband ISDN |  | 7.08 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 338 |
| Monthly Inbundle MB Allowance | 17 |

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.71 |
| Voice (Mobile to Cellular) | min. | 0.71 |
| FB Voice | min. | 0.79 |
| BGAN Voice | min. | 0.64 |
| SwiftBroadband Voice | min. | 0.64 |
| Aero Voice | min. | 3.28 |
| Iridium Voice | min. | 7.17 |
| Thuraya Voice | min. | 3.28 |
| Inmarsat Satellite Phone Voice (SPS) | min. | 1.31 |
| Inmarsat IsatPhone Pro (GSPS) | min. | 0.51 |
| Other MSS Carriers Voice | min. | 4.52 |
| Voicemail | min. | 0.57 |
| SMS (per SMS) | SMS | 0.36 |
| Standard IP (per MB) | MB | 19.11 |
| ISDN (Mobile to Fixed) | min. | 4.59 |
| FB ISDN | min. | 4.59 |
| BGAN ISDN | min. | 4.59 |
| Iridium ISDN | min. | 10.28 |
| Thuraya ISDN | min. | 10.28 |
| Satellite Phone Voice (SPS) | min. | 4.59 |
| IsatPhone Pro (GSPS) | min. | 4.59 |
| Other MSS Carriers ISDN | min. | 10.28 |
| Aero Voice ISDN | min. | 10.28 |
| SwiftBroadband Voice ISDN | min. | 4.59 |
| IP Streaming 8 | min. | 0.51 |
| IP Streaming 16 | min. | 1.02 |
| IP Streaming 24 | min. | 1.68 |
| IP Streaming 32 | min. | 3.28 |
| IP Streaming 64 | min. | 4.59 |
| IP Streaming 128 | min. | 13.12 |
| IP Streaming 256 | min. | 26.24 |

**CS**5 **Inmarsat–Fleet One** (Charging duration is per block of 15 seconds)

 Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min.** |
| Fleet One Voice | 3.07 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 116.64 |
| Monthly MB Allowance | 10.– |

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.55 |
| Voice (Mobile to Cellular) | min. | 0.55 |
| FB Voice | min. | 0.55 |
| BGAN Voice | min. | 0.55 |
| SwiftBroadband Voice | min. | 0.55 |
| Aero Voice | min. | 3.57 |
| Inmarsat Fleet | min. | 1.82 |
| Iridium Voice | min. | 8.02 |
| Thuraya Voice | min. | 3.64 |
| Satellite Phone Voice (SPS) | min. | 1.46 |
| IsatPhone Pro (GSPS) | min. | 0.55 |
| Other MSS Carriers Voice | min. | 5.03 |
| Voicemail | min. | 0.55 |
| SMS (per SMS) | SMS | 0.36 |
| Standard IP (per MB) | MB | 11.66 |

 Fleet One Notes:

1. Services not supported on Fleet One:

 – Streaming IP

 – Multi Voice

 – ISDN

2. Fleet One Global SIMs cannot be mixed with Fleet One Coastal SIMs.

3. Vessels provisioned on Fleet One SIMs:

 – must have a Maritime Mobile Security Identity (MMSI) (provided upon provisioning),

 – must receive the service using an Inmarsat type approved Fleet One Satellite Terminal, and

 – must not be Floating, Fixed Platform or Rig.

4. Fleet One Global is a single SIM plan, available for all vessels operating globally.

**CS**6 **Inmarsat–Isatphone Pro** (Charging duration is per block of 15 seconds)

 Charges applicable in the maritime mobile-satellite service via INMARSAT.

 a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min.** |
| ISATphone Voice | 3.07 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/min.** |
| Monthly Subscription fee (SDR) | 28.46 |
| Monthly Allowance (min.) | 10.– |

|  |  |  |
| --- | --- | --- |
| **Services** | **Charge Unit** | **SDR** |
| Fixed v/f/d | min. | 0.66 |
| Cellular v/f/d | min. | 0.79 |
| Voicemail | min. | 0.66 |
| SMS (per SMS) | SMS | 0.33 |
| BGAN Voice | min. | 0.73 |
| FleetBroadband Voice | min. | 0.73 |
| SwiftBroadband Voice | min. | 0.73 |
| GSPS or SPS Voice | min. | 0.82 |
| Fleet/Swift Voice | min. | 1.82 |
| Aero Voice | min. | 3.57 |
| Iridium Voice  | min. | 8.02 |
| Thuraya Voice | min. | 3.64 |
| Other MSS Carriers | min. | 5.03 |

**CS**7 **Iridium Plan** (Charging duration is per block of 20 seconds)

 Charges applicable in the maritime mobile-satellite service via Iridium.

a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min.** |
| Iridium - Voice | 3.07 |
| Iridium 2 Stage Dialing Data | 1.45 |
| Iridium 2 Stage Dialing Voice | 1.45 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 38.20 |
| Monthly MB Allowance | NA |

|  |  |  |
| --- | --- | --- |
| **Services** | **Charge Unit** | **SDR** |
| Iridium - PSTN Data | min. | 1.06 |
| Iridium - PSTN Voice | min. | 1.06 |
| Iridium - PSTN (direct Internet) | min. | 1.06 |
| Iridium - Iridium Data | min. | 1.06 |
| Iridium - Iridium Voice | min. | 0.69 |
| Iridium - SMS (per SMS) | SMS | 0.36 |
| Iridium - Personal Mailbox Access | min. | 0.60 |
| Iridium - Other Satellite Data | min. | 9.55 |
| Iridium - Other Satellite Voice | min. | 9.55 |

**CS**8 **Iridium Open Port** (Charging duration is per block of 20 seconds)

 Charges applicable in the maritime mobile-satellite service via Iridium.

a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min** |
| Shore to Iridium Voice (+1 Number to Iridium) | 0.84 |
| Shore to Iridium Voice (Two-Stage to Iridium) | 0.84 |
| Iridium to Other Satellite Voice | 8.53 |

b) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Rate** | **Allowance (MB)** | **MRC SDR** | **Run On Charges SDR** |
| 128Kbps | 0 | 50.01 | 14.47 |
|  | 10 | 104.89 | 10.42 |
|  | 25 | 174.35 | 7.24 |
|  | 75 | 341.75 | 4.86 |
|  | 200 | 579.30 | 3.19 |
|  | 1000 | 1128.73 | 0.92 |

|  |  |
| --- | --- |
| **Services** | **SDR/kbps** |
| Voice (Iridium to Fixed) | min. | 0.84 |
| Voice (Iridium to Iridium) | min. | 0.58 |
| Voice Mail (Iridium to Voicemail) | min. | 0.58 |

**CS**9 **Global Express** (Charging duration is per block of 15 seconds)

 Charges applicable in the maritime mobile-satellite service via IOR SAS – Fucino, Italy and Nemea, Greece; AOR SAS – Winnipeg, Canada, Lino Lakes, Minnesota, USA;

 POR SAS – Warkworth and Auckand, New Zealand

 a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min** |
| Shore to GX/FX Voice | 0.13 |

 b) Mobile-to-shore

| **Services** | **Destinations** | **Charge Unit** | **SDR/min.** |
| --- | --- | --- | --- |
| GX Voice to International Numbers | Zone 1 | Min | 0.32 |
| Zone 2 | Min | 0.69 |
| Zone 3 | Min | 1.39 |
| Zone 4 | Min | 2.26 |
| Zone 5 | Min | 5.56 |
| Zone 6 | Min | 12.16 |
| Interconnect to Zone 1 | Min | 0.24 |
| GX Voice to Other Satellites | FX/GX Voice | Min | 0.42 |
| FB Voice | Min | 0.63 |
| BGAN Voice | Min | 0.63 |
| Inmarsat IsatPhone Pro (GSPS) | Min | 0.63 |
| SwiftBroadband Voice | Min | 0.63 |
| Aero Voice | Min | 4.01 |
| Swift 64 Voice | Min | 2.06 |
| Other MSS Carriers Voice | Min | 5.64 |
| Globalstar Voice | Min | 6.54 |
| Iridium Voice | Min | 9.00 |
| Thuraya Voice | Min | 4.10 |
| FB Voice (from GX ship) | Voice (Mobile to Fixed) | Min | 0.35 |
| Voice (Mobile to Cellular) | Min | 0.49 |
| Inmarsat FB Voice | Min | 0.35 |
| BGAN Voice | Min | 0.35 |
| FleetOne Voice | Min | 0.35 |
| SwiftBroadband Voice | Min | 0.35 |
| Aero Voice | Min | 4.01 |
| Globalstar Voice | Min | 6.54 |
| Iridium Voice | Min | 9.00 |
| Thuraya Voice | Min | 4.10 |
| Inmarsat IsatPhone Pro (GSPS) | Min | 0.35 |
| Other MSS Carriers Voice | Min | 5.64 |
| Voicemail | Min | 0.35 |
| Swift 64 Voice | Min | 2.06 |
| Additional Call Service | International Networks-Fixed (88239) | Min | 0.11 |
| International Networks-Fixed (883120) | Min | 0.15 |
| Un-Fixed (888) | Min | 0.21 |

**CS**10 **Composition of destination zones**

Voice for GX/FX



**CS**11 **TracPhone V7HTS AgilePlans Packages**

(Select one package each from Part One and Part Two)

Part One - Select High Speed Rate Plan:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **MRC (SDR)** | **Data/mth** | **Price/MB (SDR)** |
| V7H2-AP500MB | 555 | 500 MB | 0.69 |
| V7H2-AP2GB | 694 | 2 GB | 0.35 |
| V7H2-AP5GB | 902 | 5 GB | 0.24 |
| V7H2-AP10GB | 1111 | 10 GB | 0.17 |
| V7H2-AP20GB | 1389 | 20 GB | 0.14 |
| V7H2-AP40GB | 2222 | 40 GB | 0.10 |

Part Two - Select Unlimited Use Rate Plan:

(Data Speed: Maximum Info Rate (MIR) Only)

|  |  |  |  |
| --- | --- | --- | --- |
|  | **MRC (SDR)** | **SHORE-TO-SHIP** | **SHIP-TO-SHORE** |
| V7H2-APUL1 | FREE | 128 Kbps | 64 Kbps |
| V7H2-APUL2 | 313 | 256 Kbps | 64 Kbps |
| V7H2-APUL3 | 764 | 512 Kbps | 128 Kbps |
| V7H2-APUL4 | 1354 | 1024 Kbps | 256 Kbps |
| V7H2-APUL5 | 2327 | 2048 Kbps | 512 Kbps |
| V7H2-APUL6 | 4063 | 4096 Kbps | 1024 Kbps |
| V7H2-APUL7 | 7536 | 8192 Kbps | 2048 Kbps |

**CS**12Inmarsat-C/FleetBroadband/Fleet One/Isatphone Pro/Iridium Legacy/Iridium Open Port/TracPhone V7HTS

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. 50)

**French Guiana ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| French Guiana | **Outremer Telecom**ZI La Jambette97200 FORT DE FRANCE | **89 594 02** | Numerotation, Outremer TelecomAltice CAMPUS – bat ouest – CS 6821716 rue du Général Alain de Boissietu75741 PARIS Cedex 15 (France)E-mail: numerotation@outremer-telecom.fr | 22.VI.2020 |

**Guadeloupe ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Guadeloupe | **Outremer Telecom**ZI La Jambette97200 FORT DE FRANCE | **89 590 02** | Numerotation, Outremer TelecomAltice CAMPUS – bat ouest – CS 6821716 rue du Général Alain de Boissietu75741 PARIS Cedex 15 (France)E-mail: numerotation@outremer-telecom.fr | 22.VI.2020 |

**Martinique ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Martinique | **Outremer Telecom**ZI La Jambette97200 FORT DE FRANCE | **89 596 02** | Numerotation, Outremer TelecomAltice CAMPUS – bat ouest – CS 6821716 rue du Général Alain de Boissietu75741 PARIS Cedex 15 (France)E-mail: numerotation@outremer-telecom.fr | 22.VI.2020 |

|  |  |
| --- | --- |
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| --- |
| 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) |

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| --- |
| (Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)(Amendment No. 56) |

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| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Bermuda ADD** |  |  |
| 350 007 | Paradise Mobile |
| **Switzerland LIR** |  |  |
| 228 08 | Sunrise Communications AG |
| **International Mobile, shared code ADD** |  |  |
| 901 80 | Flo Live Limited |
| 901 81 | Airnity SAS |

 |  |  |
|  |

|  |
| --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\*                  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 |

 |  |

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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. 117)

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

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

|  |  |  |
| --- | --- | --- |
| Arton Binakaj Südwest KommunikationRiegeler Str. 2D-79111 FREIBURG/Br. | **SWKOM** | Mr Arton BinakajTel.: +49 761 8878 9760Fax: +49 761 8878 9780Email: office@suedwest-kommunikation.de |

|  |  |  |
| --- | --- | --- |
| DIDWW Ireland Limited10/13 Thomas StreetIE DUBLIN 8, D08PX8HIreland | **DIDWW** | Mrs Inga UrbieteTel.: +35 3190 15295Email: inga.u@didww.com |

|  |  |  |
| --- | --- | --- |
| Gemeindewerke Holzkirchen GmbHIndustriestr. 8D-83607 HOLZKIRCHEN | **138820** | Mr Peter SchlickenriederTel.: +49 8024 904424Fax: +49 8024 904465Email: schlickenrieder@gw-holzkirchen.de |

|  |  |  |
| --- | --- | --- |
| nfon AG Bulk-AccountMachtlfinger Strasse 7D-81379 MUNICH | **FLNFON** | Mr Paul GardzielewskiTel.: +49 89 45300 199Fax: +49 89 45300 33199Email: paul.gardzielewski@nfon.com |

|  |  |  |
| --- | --- | --- |
| Stadtwerke Bad Nauheim GmbHHohe Straße 14 - 18D-61231 BAD NAUHEIM | **SWBN** | Mr Sascha KammerTel.: +49 6032 807152Email: s.kammer@stadtwerke-bad-nauheim.de |

|  |  |  |
| --- | --- | --- |
| Stadtwerke Freudenstadt GmbH & Co.KGReichsstrasse 9D-72250 FREUDENSTADT | **SWFDS** | Mr Ruben FreyTel.: +49 7441 921 271Fax: +49 7441 921 498Email: ruben.frey@sw-freudenstadt.de |

|  |  |  |
| --- | --- | --- |
| Stadtwerke Görlitz AGDemianiplatz 23D-02826 GOERLITZ | **SWGAG** | Mr Kai VogtTel.: +49 3581 335216Fax: +49 3581 335425Email: kai.vogt@stadtwerke-goerlitz.de |

|  |  |  |
| --- | --- | --- |
| Tim Jung TastenhauerPotsdamer Platz 10D-10785 BERLIN | **TASTEN** | Mr Tim JungTel.: +49 30 5771444 0Fax: +49 30 5771444 99Email: info@tastenhauer.net |

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. 16)

|  |
| --- |
| **Numerical order ADD** |
|  | 7-209 | Switzerland (Confederation of) |

|  |
| --- |
| **Alphabetical order ADD** |
|  | 7-209 | Switzerland (Confederation 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. 17)

|  |  |  |
| --- | --- | --- |
| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Switzerland LIR** |
| 2-062-5 | 4597 | Zürich | Sunrise Communications AG |
| **United States SUP** |
| 3-038-2 | 6450 | Miami (1), FL | Go2Tel.com, Inc |
| 3-058-3 | 6611 | New York, NY | I-21 USA Inc |

\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Morocco  | +212 |