

# ITU Operational Bulletin

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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.

- 1251 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 September 2022)
- 1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)
- 1162 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)
- 1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)
- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2017)
- 1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)
- 1117 List of mobile country or geographical area codes (Complement to Recommendation ITU-T E.212 (09/2016)) (Position on 1 February 2017).
- 1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU-T E.164 (11/2010)) (Position on 15 December 2016)
- 1096 Legal time 2016
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)
- 1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)
- 1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)
- 991 Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)
- 980 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 15 May 2011)
- 978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)
- 977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 1 April 2011)
- 976 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)
- 974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)
- 955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/1998)) (Position on 1 May 2010)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

List of ITU Carrier Codes (ITU-T Rec. M.1400)

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

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

### Note from TSB

#### *Identification codes for international networks*

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

| <i>Applicant</i>                   | <i>Network</i>                     | <i>Country Code and Identification Code</i> | <i>Date of withdrawal</i> |
|------------------------------------|------------------------------------|---|---------------------------|
| Beezz Communications Solutions Ltd | Beezz Communications Solutions Ltd | +883 220                                    | 1.II.2023                 |

## 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 **withdrawn**.

| <i>Network</i>                    | <i>Mobile Country Code (MCC) and Mobile Network Code (MNC)</i> | <i>Date of withdrawal</i> |
|-----------------------------------|--|---------------------------|
| MegaFon                           | 901 32   | 31.I.2023                 |
| Beezz Communication Solutions Ltd | 901 55   | 1.II.2023                 |

## Telephone Service (Recommendation ITU-T E.164)

url: [www.itu.int/itu-t/inr/nnp](http://www.itu.int/itu-t/inr/nnp)

### Denmark (country code +45)

Communication of 16.I.2023:

The Agency for Data Supply and Infrastructure, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Assignment – Mobile communication services

| <i>Provider</i>  | <i>Numbering resource</i> | <i>Date of assignment</i> |
|------------------|---------------------------|---------------------------|
| Hi3G Denmark ApS | 3650efgh                  | 2.XII.2022                |

- Withdrawal – 4-digit short codes for directory enquiry services or special services

| <i>Provider</i> | <i>Numbering resource</i> | <i>Date of withdrawal</i> |
|-----------------|---------------------------|---------------------------|
| TDC Net A/S     | 1881                      | 31.XII.2022               |

- Withdrawal – Fixed communication services

| <i>Provider</i> | <i>Numbering resource</i>  | <i>Date of withdrawal</i> |
|-----------------|--|---------------------------|
| TDC Net A/S     | 33305fgh; 33442fgh; 33473fgh; 33546fgh; 33708fgh; 33758fgh; 33759fgh; 35529fgh; 35879fgh; 36109fgh; 36189fgh; 36193fgh; 36433fgh; 36438fgh; 36847fgh; 36904fgh; 36945fgh; 36952fgh; 36971fgh; 36972fgh; 36974fgh; 36984fgh; 36985fgh; 38540fgh; 38542fgh; 38545fgh; 38546fgh; 39756fgh; 39773fgh; 43390fgh; 43391fgh; 43394fgh; 43395fgh; 43859fgh; 44278fgh; 44461fgh; 44463fgh; 44464fgh; 44465fgh; 44466fgh; 44467fgh; 44468fgh; 44469fgh; 44836fgh; 44883fgh; 44884fgh; 45369fgh; 45743fgh; 45922fgh; 45924fgh; 45957fgh; 45984fgh; 45986fgh; 45988fgh; 46909fgh; 46916fgh; 46917fgh; 46930fgh; 46939fgh; 46940fgh; 46941fgh; 46948fgh; 46957fgh; 46958fgh; 46961fgh; 46962fgh; 46974fgh; 46994fgh; 46995fgh; 47978fgh; 48101fgh; 54639fgh; 56902fgh; 56909fgh; 57653fgh; 57654fgh; 59493fgh; 62607fgh; 62608fgh; 62609fgh; 63738fgh; 65424fgh; 65712fgh; 65713fgh; 65714fgh; 65715fgh; 65716fgh; 65946fgh; 65947fgh; 65948fgh; 66603fgh; 66604fgh; 66610fgh; 66689fgh; 70190fgh; 70193fgh; 70194fgh; 70195fgh; 70196fgh; 70197fgh; 70198fgh; 70199fgh; 70291fgh; 70295fgh; 70296fgh; 70297fgh; 70298fgh; 73242fgh; 73247fgh; 73324fgh; 73519fgh; 73747fgh; 73923fgh; 74126fgh; 74205fgh; 79315fgh; 79898fgh; 86400fgh; 87356fgh; 87372fgh; 87404fgh; 87642fgh; 89344fgh; 89380fgh; 89428fgh; 89447fgh; 89490fgh; 89502fgh; 89547fgh; 89550fgh; 89551fgh; 89552fgh; 89553fgh; 8956efgh; 96689fgh; 99422fgh; 99428fgh; 99754fgh; 99941fgh | 31.XII.2022               |

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

Communication of 18.1.2023:

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 number | 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)          |

| NDC    | NSN Number length |         | Usage of E.164 number | Additional Information   |
|--------|-------------------|---------|-----------------------|--|
|        | Minimum           | Maximum |                       |  |
| 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 –Kohgiluyeva 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-Kurdistan)                |
| 900    | 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       |  |
| 923    | 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   |

| NDC     | NSN Number length |         | Usage of E.164 number               | Additional Information     |
|---------|-------------------|---------|-------------------------------------|----------------------------|
|         | Minimum           | Maximum |                                     |                            |
| 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                     |                            |
| 9942    | 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                     |                            |
| 996     | 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                     |                            |
| 99816   | 10                | 10      | Mobile services                     |                            |
| 99817   | 10                | 10      | Mobile services                     |                            |
| 99818   | 10                | 10      | Mobile services                     |                            |
| 99888   | 10                | 10      | Mobile services                     |                            |
| 99900   | 10                | 10      | Mobile services                     |                            |
| 99901   | 10                | 10      | Mobile services                     |                            |
| 99902   | 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                     |                            |
| 99915   | 10                | 10      | Mobile services                     |                            |
| 99916   | 10                | 10      | Mobile services                     |                            |
| 99921   | 10                | 10      | Mobile services                     |                            |
| 99969   | 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                     |                            |



| NDC   | NSN Number length |         | Usage of E.164 number | Additional Information |
|-------|-------------------|---------|-----------------------|------------------------|
|       | Minimum           | Maximum |                       |                        |
| 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       |                        |

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#### Kyrgyzstan (country code +996)

Communication of 26.I.2023:

The Service on Regulation and Supervision in Communication Industry under the Ministry of Digital Development of the Kyrgyz Republic, Bishkek, announces update to the national numbering plan.

*Description of introduction of new resource for national E.164 numbering plan for country code 996:*

| 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 |   |                                |
| 60   | 9                   | 9              | Non-geographic number – Mobile telephony services (+996 60 0 XXX XXX) | 3 August 2022 (Sky Mobile LLC) |

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## Mauritius (country code +230)

Communication of 30.I.2023:

The *Information and Communication Technologies Authority (ICTA)*, Port-Louis, announces that new mobile number ranges have been opened in the Republic of Mauritius by the following mobile operators in October 2022.

| Operator                           | Usage of ITU-T E.164 number   | Dialling Format |
|------------------------------------|-------------------------------|-----------------|
| Cellplus Mobile Communications Ltd | Non-geographic mobile numbers | +230 700X XXXX  |
| Cellplus Mobile Communications Ltd | Non-geographic mobile numbers | +230 733X XXXX  |
| Emtel Ltd.                         | Non-geographic mobile numbers | +230 701X XXXX  |
| Emtel Ltd.                         | Non-geographic mobile numbers | +230 730X XXXX  |

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URL: www.icta.mu/telecom-numbering/

## Myanmar (country code +95)

Communication of 25.I.2023:

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

*Description of introduction of new resources for  
national E.164 numbering plan for country code + 95:*

### Mobile Numbering

| Sr No. | Area Code | Number series | System    | Digit Length (including area code) | Operator                               |
|--------|-----------|---------------|-----------|------------------------------------|--|
| 1      | 9         | 653 xxx xxx   | WCDMA/GSM | 10                                 | Telecom International Myanmar Co., Ltd |

Contact:

Ministry of Transport and Communications  
Posts and Telecommunications Department (PTD)  
Building No. 2,  
NAY PYI TAW  
Myanmar  
Tel: +95 67 3407 225  
Fax: +95 67 3407 216  
E-mail: dg@ptd.gov.mm

## Other communication

### Austria

Communication of 23.I.2023:

On the occasion of the "Antarctic Activity Week", the Austrian Administration authorizes some Austrian amateur stations to use the special call signs **OE20AAW**, **OE88WAP**, **OE89ANT** and **OE90AAW** from 19 to 26 February 2023.

## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://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/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

## Abbreviations used

|            |         |            |           |
|------------|---------|------------|-----------|
| <b>ADD</b> | Insert  | <b>PAR</b> | Paragraph |
| <b>COL</b> | Column  | <b>REP</b> | Replace   |
| <b>LIR</b> | Read    | <b>SUP</b> | Delete    |
| <b>P</b>   | Page(s) |            |           |

## List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2022

### Section VI

#### ADD

- IA02** PT. Wintermar, Jl. Kebayoran Lama No. 155 Kel. Sukabumi Selatan,  
Kecamatan Kebon Jeruk, Jakarta Barat – 11560, INDONESIA.  
E-mail: [Simlala\\_Wintermar@smshipping.co.id](mailto:Simlala_Wintermar@smshipping.co.id), Tel: +62 21 530 5201/2,  
Fax: +62 21 530 5203.  
Contact person: Muhammad Shanie Mubarak.

#### REP

- DZ01** Agence Nationale des Fréquences, 4, Boulevard Krim Belkacem,  
16027 Alger, Algérie.  
E-mail: [Dpsae.contact@anf.dz](mailto:Dpsae.contact@anf.dz), Tel: +213 21 719206, Fax: +213 21 718683.

**List of International Monitoring Stations  
(List VIII)  
Edition of 2022**

(Amendment No. 1)

**PART I**

**STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES**

**QAT – Qatar**

**SUP** Station: **Doha (Sumaismah) (IMS)**

**P 1** **ADD** by alphabetical order

Station: **Al Corniche**

| Name of the station | Postal address   | Telephone, Telefax, Electronic-mail  |
|---------------------|--|--|
| <b>Al Corniche</b>  | Communications Regulatory Authority<br>(CRA)<br>Al Nasr Tower-B<br>Corniche Road<br>P.O.Box 23404<br>Doha<br>Qatar | PHONE: +974 44995374<br>TELEFAX: +974 44830630<br>EMAIL: msadeq@cra.gov.qa |

| Geographical coordinates  | Types of measurements  | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks   |
|---------------------------|------------------------|--|------------------------|---|
| 25°18'48"N<br>051°31'09"E | Frequency measurements | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | Sunday to Thursday.<br><hr/> H24: on request.<br><hr/> Measurement Accuracy: ± 1 Hz (absolute).<br><hr/> All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.<br><hr/> All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

| Geographical coordinates  | Types of measurements                             | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|---------------------------|---|--|------------------------|--|
| 25°18'48"N<br>051°31'09"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 3</math> dB.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
| 25°18'48"N<br>051°31'09"E | Direction-finding measurements                    | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>DF Accuracy: 2 degrees RMS.</p> <hr/> <p>Dual Polarization: 20MHz - 3GHz.</p> <hr/> <p>Vertical Polarization: 3GHz - 8.5GHz.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
| 25°18'48"N<br>051°31'09"E | Bandwidth measurements                            | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>x dB and <math>\beta\%</math> methods, in accordance with Recommendation ITU-R SM.443-4. Instantaneous bandwidth for wideband signals (40 MHz), in accordance with Recommendation ITU-R SM.1794.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |

| Geographical coordinates  | Types of measurements                | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|---------------------------|--------------------------------------|--|------------------------|--|
| 25°18'48"N<br>051°31'09"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |

Station: **AL KHOR**

| Name of the station | Postal address  | Telephone, Telefax, Electronic-mail  |
|---------------------|---|--|
| <b>Al Khor</b>      | Communications Regulatory Authority (CRA)<br>Al Nasr Tower-B<br>Corniche Road<br>P.O.Box 23404<br>Doha<br>Qatar | PHONE: +974 44995374<br>TELEFAX: +974 44830630<br>EMAIL: msadeq@cra.gov.qa |

| Geographical coordinates  | Types of measurements  | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks   |
|---------------------------|------------------------|--|------------------------|---|
| 25°40'14"N<br>051°28'49"E | Frequency measurements | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 1</math> Hz (absolute).</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |



| Geographical coordinates  | Types of measurements                             | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|---------------------------|---|--|------------------------|--|
| 25°40'14"N<br>051°28'49"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 3</math> dB.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
| 25°40'14"N<br>051°28'49"E | Direction-finding measurements                    | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>DF Accuracy: 2 degrees RMS.</p> <hr/> <p>Dual Polarization: 20MHz - 3GHz.</p> <hr/> <p>Vertical Polarization: 3GHz - 8.5GHz.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
| 25°40'14"N<br>051°28'49"E | Bandwidth measurements                            | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>x dB and <math>\beta\%</math> methods, in accordance with Recommendation ITU-R SM.443-4. Instantaneous bandwidth for wideband signals (40 MHz), in accordance with Recommendation ITU-R SM.1794.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |

| Geographical coordinates  | Types of measurements                | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|---------------------------|--------------------------------------|--|------------------------|--|
| 25°40'14"N<br>051°28'49"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |

Station: **AL WAKRAH**

| Name of the station | Postal address  | Telephone, Telefax, Electronic-mail  |
|---------------------|---|--|
| <b>Al Wakrah</b>    | Communications Regulatory Authority (CRA)<br>Al Nasr Tower-B<br>Corniche Road<br>P.O.Box 23404<br>Doha<br>Qatar | PHONE: +974 44995374<br>TELEFAX: +974 44830630<br>EMAIL: msadeq@cra.gov.qa |

| Geographical coordinates  | Types of measurements                             | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks   |
|---------------------------|---|--|------------------------|---|
| 25°01'32"N<br>051°27'27"E | Frequency measurements                            | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 1</math> Hz (absolute).</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
| 25°01'32"N<br>051°27'27"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 3</math> dB.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>            |

| Geographical coordinates  | Types of measurements                | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|---------------------------|--------------------------------------|--|------------------------|--|
| 25°01'32"N<br>051°27'27"E | Direction-finding measurements       | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>DF Accuracy: 2 degrees RMS.</p> <hr/> <p>Dual Polarization: 20MHz - 3GHz.</p> <hr/> <p>Vertical Polarization: 3GHz - 8.5GHz.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
| 25°01'32"N<br>051°27'27"E | Bandwidth measurements               | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>x dB and β% methods, in accordance with Recommendation ITU-R SM.443-4. Instantaneous bandwidth for wideband signals (40 MHz), in accordance with Recommendation ITU-R SM.1794.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
| 25°01'32"N<br>051°27'27"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |

Station: **MMS 1**

| Name of the station | Postal address   | Telephone, Telefax, Electronic-mail  |
|---------------------|--|--|
| <b>MMS 1</b>        | Communications Regulatory Authority<br>(CRA)<br>Al Nasr Tower-B<br>Corniche Road<br>P.O.Box 23404<br>Doha<br>Qatar | PHONE: +974 44995374<br>TELEFAX: +974 44830630<br>EMAIL: msadeq@cra.gov.qa |

| Geographical coordinates | Types of measurements                             | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks   |
|--------------------------|---|--|------------------------|---|
|                          | Frequency measurements                            | 9kHz - 8GHz                                | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 1</math> Hz (absolute).</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
|                          | Field strength or power flux-density measurements | 9kHz - 8GHz                                | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 3</math> dB.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>            |

| Geographical coordinates | Types of measurements                | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|--------------------------|--------------------------------------|--|------------------------|--|
|                          | Direction-finding measurements       | 9kHz - 8GHz                                | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>DF Accuracy: 2 degrees RMS.</p> <hr/> <p>Dual Polarization: 20MHz - 3GHz.</p> <hr/> <p>Vertical Polarization: 3GHz - 8.5GHz.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
|                          | Bandwidth measurements               | 9kHz - 8GHz                                | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>x dB and β% methods, in accordance with Recommendation ITU-R SM.443-4. Instantaneous bandwidth for wideband signals (40 MHz), in accordance with Recommendation ITU-R SM.1794.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
|                          | Automatic spectrum occupancy surveys | 9kHz - 8GHz                                | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |

Station: **MMS 2**

| Name of the station | Postal address  | Telephone, Telefax, Electronic-mail  |
|---------------------|---|--|
| <b>MMS 2</b>        | Communications Regulatory Authority (CRA)<br>Al Nasr Tower-B<br>Corniche Road<br>P.O.Box 23404<br>Doha<br>Qatar | PHONE: +974 44995374<br>TELEFAX: +974 44830630<br>EMAIL: msadeq@cra.gov.qa |

| Geographical coordinates | Types of measurements                             | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks   |
|--------------------------|---|--|------------------------|---|
|                          | Frequency measurements                            | 20MHz - 8.5GHz;<br>8.5 - 40GHz             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 1</math> Hz (absolute).</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
|                          | Field strength or power flux-density measurements | 20MHz - 8.5GHz;<br>8.5 - 40GHz             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Measurement Accuracy: <math>\pm 3</math> dB.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>            |

| Geographical coordinates | Types of measurements                | Ranges of frequencies for each measurement | Hours of service (UTC) | Remarks  |
|--------------------------|--------------------------------------|--|------------------------|--|
|                          | Direction-finding measurements       | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>DF Accuracy: 2 degrees RMS.</p> <hr/> <p>Dual Polarization: 20MHz - 3GHz.</p> <hr/> <p>Vertical Polarization: 3GHz - 8.5GHz.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |
|                          | Bandwidth measurements               | 20MHz - 8.5GHz;<br>8.5 - 40GHz             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>x dB and β% methods, in accordance with Recommendation ITU-R SM.443-4. Instantaneous bandwidth for wideband signals (40 MHz), in accordance with Recommendation ITU-R SM.1794.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p> |
|                          | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz                             | 0400 - 1100 (UTC)      | <p>Sunday to Thursday.</p> <hr/> <p>H24: on request.</p> <hr/> <p>Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.</p> <hr/> <p>All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.</p> <hr/> <p>All MMS can connect to any of the FMS &amp; TDOA sites for Geolocation.</p>   |

**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. 77)

**South Africa    ADD**

| <i>Country/<br/>geographical<br/>area</i> | <i>Company Name/Address</i>  | <i>Issuer<br/>Identifier<br/>Number</i> | <i>Contact</i>  | <i>Effective<br/>date of<br/>usage</i> |
|---|--|---|---|--|
| South Africa                              | <b>ONEX SA (PTY) LTD</b><br>19 Liverpool Road<br>Benoni South,<br>GAUTENG 1502 | <b>89 27 83</b>                         | Mobeen Bhamjee<br>ONEX SA (PTY) LTD,<br>PO Box 5037<br>Benoni West, GAUTENG 1503<br>Tel: +27 11 646 8777<br>E-mail:<br>mobeen.bhamjee@onetel.co.za/<br>david@onetel.co.za | 26.IV.2022                             |

**United States    ADD**

| <i>Country/<br/>Geographical<br/>area</i> | <i>Company Name/Address</i>   | <i>Issuer<br/>Identifier<br/>Number</i> | <i>Contact</i>  | <i>Effective date<br/>of usage</i> |
|---|---|---|---|------------------------------------|
| United States                             | <b>Spectrum Wireless<br/>Holdings, LLC</b><br>6399 S Fiddlers Green Cir,<br>4th Floor<br>Greenwood Village,<br>CO 80111 | <b>89 1 345</b>                         | Anshul Maggon<br>6399 S Fiddlers Green Cir,<br>4th Floor<br>Greenwood Village,<br>CO 80111<br>E-mail: anshul.maggon@charter.com | 9.I.2023                           |



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

(Annex to ITU Operational Bulletin No. 1114 – 15.XII.2016)  
(Amendment No. 34)

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

p Associated with shared country code 883, the following three-digit identification code reservation or assignment has been made for the international networks of:

**Note p) +883 220 SUP\***

| <i>Applicant</i>                  | <i>Network</i>                    | <i>Country Code and Identification Code</i> | <i>Status</i> |
|-----------------------------------|-----------------------------------|---|---------------|
| Beezz Communication Solutions Ltd | Beezz Communication Solutions Ltd | +883 220                                    | Withdrawn     |

\* 1.II.2023

See page 4 of the present Operational Bulletin No. 1262 of 15.II.2023.

**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. 90)

| <i>Country/Geographical area</i>                  | <i>MCC+MNC</i> | <i>Operator/Network</i>            |
|---|----------------|------------------------------------|
| <b>Estonia SUP</b>                                |                |                                    |
|   | 248 25         | Eurofed OÜ                         |
| <b>Estonia ADD</b>                                |                |                                    |
|   | 248 29         | SkyTel OÜ                          |
| <b>Japan SUP</b>                                  |                |                                    |
|   | 440 70         | KDDI Corporation                   |
|   | 440 71         | KDDI Corporation                   |
|   | 440 72         | KDDI Corporation                   |
|   | 440 73         | KDDI Corporation                   |
|   | 440 74         | KDDI Corporation                   |
|   | 440 75         | KDDI Corporation                   |
|   | 440 76         | KDDI Corporation                   |
| <b>Japan ADD</b>                                  |                |                                    |
|   | 441 211        | STARCAT CABLE NETWORK Co., LTD.    |
|   | 441 212        | I-TEC Solutions Co., Ltd.          |
| <b>Japan LIR</b>                                  |                |                                    |
|   | 440 08         | Panasonic Connect Co., Ltd         |
|   | 440 09         | Marubeni Network Solutions Inc.    |
| <b>International Mobile,<br/>shared code SUP*</b> |                |                                    |
|   | 901 32         | MegaFon                            |
|   | 901 55         | Beezz Communication Solutions Ltd. |

MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil

MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

\* See the present ITU Operational Bulletin No. 1262 of 15.II.2023, page 4.

**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. 144)

| <i>Country or area/ISO code</i><br><i>Company Name/Address</i>                                   | <i>Company Code</i><br><i>(carrier code)</i> | <i>Contact</i>   |
|--|--|--|
| <b>Bosnia and Herzegovina / BIH</b> REP all information by                                       |  |  |
| <b>Adria net d.o.o. Mostar</b><br>Dr. Ante Starčevića 46<br>88000 Mostar                         | ADNISP                                       | Tel: +387 36 333 483<br>E-mail: <a href="mailto:info@adrianet.eu">info@adrianet.eu</a>   |
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| COM-IN Telekommunikations GmbH<br>Erni-Singerl-Strasse 2 b<br>D-85053 INGOLSTADT          | <b>COMIN</b>                           | Mr Stefan Ferstl<br>Tel: +49 841 88511 0<br>Fax: +49 841 88511 1099<br>E-mail: kontakt@comin-glasfaser.de |

## 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. 50)

*Country/  
Geographical Area*

*ISPC      DEC      Unique name of the signalling point      Name of the signalling point operator*

**Georgia LIR**

3-246-0      8112      Tbilisi, Bulk SMS server      FIGENSOFT GEORGIA LTD

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](http://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](mailto: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.I.2023, the following countries/geographical areas have updated their national numbering plan on our site:

| <i>Country/ Geographical area</i> | <i>Country Code (CC)</i> |
|-----------------------------------|--------------------------|
| Iran (Islamic Republic of)        | +98                      |
| Poland                            | +48                      |
| Trinidad and Tobago               | +1 868                   |