|  |  |  |  |
| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1262** | 15.II.2023 | (Information received by 31 January 2023) ISSN 1564-5223 (Online) | |
| Place des Nations CH-1211  Genève 20 (Switzerland)  Tel: +41 22 730 5111  **E-mail: itumail@itu.int** | | **Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail:** [**brmail@itu.int**](mailto:brmail@itu.int) |

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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

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)

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**:

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Date of  withdrawal* |
| 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**.

| Network | Mobile Country Code (MCC) and  Mobile Network Code (MNC) | Date of withdrawal |
| --- | --- | --- |
| 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

| *Provider* | *Numbering resource* | *Date of assignment* |
| --- | --- | --- |
| Hi3G Denmark ApS | 3650efgh | 2.XII.2022 |

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

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

* Withdrawal – Fixed communication services

| *Provider* | *Numbering resource* | *Date of withdrawal* |
| --- | --- | --- |
| 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 |

Contact:

Agency for Data Supply and Infrastructure

8 Rentemestervej

2400 COPENHAGEN NV

Denmark

Tel: +45 7254 5500   
E-mail: tele@sdfi.dk  
URL: www.sdfi.dk

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

Communication of 18.I.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) |
| 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) |
| 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 |
| 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 |  |
| 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:

Alireza Darvishi

Director General, International Organizations Bureau,

Communications Regulatory Authority (CRA)

Ministry of Information and Communication Technology

15598 TEHRAN

Iran (Islamic Republic of)

Tel: +98 21 89662201

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E-mail: darvishi@cra.ir

URL: www.cra.ir

**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) |

Contacts:

Service on Regulation and Supervision in Communication Industry   
under the Ministry of Digital Development of the Kyrgyz Republic

119 Akhunbaev str.

BISHKEK 720005

Kyrgyzstan

Tel: +996 312 544450

Fax: +996 312 544105

E-mail: m.zelenenko@nas.gov.kg

URL: http://nas.gov.kg/dp/pri-videl-tel-nom-res/

Sky Mobile LLC – Roaming and interconnect department

E-mail: roaming@beeline.kg, interconnect@beeline.kg

**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 |

Contact:

A.N Maduray

Information and Communication Technologies Authority (ICTA)

Level 12, The Celicourt

6, Sir Celicourt Antelme Street

PORT LOUIS

Mauritius

Tel: +230 211 5333/4

Fax: +230 211 9444

E-mail: info@icta.mu

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

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

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

Call-Back  
and alternative calling procedures (Res. 21 Rev. PP-06)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

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

List of Ship Stations and Maritime Mobile   
Service Identity Assignments  
(List V)  
Edition of 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** |
| **Al Corniche** | Communications Regulatory Authority (CRA) Al Nasr Tower-B Corniche Road P.O.Box 23404 Doha Qatar | PHONE: +974 44995374 TELEFAX: +974 44830630 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 051°31'09"E | Frequency measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 1 Hz (absolute).  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°18'48"N 051°31'09"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 3 dB.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°18'48"N 051°31'09"E | Direction-finding measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  DF Accuracy: 2 degrees RMS.  Dual Polarization: 20MHz - 3GHz.  Vertical Polarization: 3GHz - 8.5GHz.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°18'48"N 051°31'09"E | Bandwidth measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  x dB and ß% 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.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°18'48"N 051°31'09"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

Station:**AL KHOR**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Al Khor** | Communications Regulatory Authority (CRA) Al Nasr Tower-B Corniche Road P.O.Box 23404 Doha Qatar | PHONE: +974 44995374 TELEFAX: +974 44830630 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 051°28'49"E | Frequency measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 1 Hz (absolute).  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°40'14"N 051°28'49"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 3 dB.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°40'14"N 051°28'49"E | Direction-finding measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  DF Accuracy: 2 degrees RMS.  Dual Polarization: 20MHz - 3GHz.  Vertical Polarization: 3GHz - 8.5GHz.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°40'14"N 051°28'49"E | Bandwidth measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  x dB and ß% 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.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°40'14"N 051°28'49"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

Station:**AL WAKRAH**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Al Wakrah** | Communications Regulatory Authority (CRA) Al Nasr Tower-B Corniche Road P.O.Box 23404 Doha Qatar | PHONE: +974 44995374 TELEFAX: +974 44830630 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 051°27'27"E | Frequency measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 1 Hz (absolute).  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°01'32"N 051°27'27"E | Field strength or power flux-density measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 3 dB.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°01'32"N 051°27'27"E | Direction-finding measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  DF Accuracy: 2 degrees RMS.  Dual Polarization: 20MHz - 3GHz.  Vertical Polarization: 3GHz - 8.5GHz.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°01'32"N 051°27'27"E | Bandwidth measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  x dB and ß% 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.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
| 25°01'32"N 051°27'27"E | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

Station:**MMS 1**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **MMS 1** | Communications Regulatory Authority (CRA) Al Nasr Tower-B Corniche Road P.O.Box 23404 Doha Qatar | PHONE: +974 44995374 TELEFAX: +974 44830630 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) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 1 Hz (absolute).  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Field strength or power flux-density measurements | 9kHz - 8GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 3 dB.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Direction-finding measurements | 9kHz - 8GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  DF Accuracy: 2 degrees RMS.  Dual Polarization: 20MHz - 3GHz.  Vertical Polarization: 3GHz - 8.5GHz.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Bandwidth measurements | 9kHz - 8GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  x dB and ß% 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.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Automatic spectrum occupancy surveys | 9kHz - 8GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

Station:**MMS 2**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **MMS 2** | Communications Regulatory Authority (CRA) Al Nasr Tower-B Corniche Road P.O.Box 23404 Doha Qatar | PHONE: +974 44995374 TELEFAX: +974 44830630 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; 8.5 - 40GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 1 Hz (absolute).  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Field strength or power flux-density measurements | 20MHz - 8.5GHz; 8.5 - 40GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Measurement Accuracy: ± 3 dB.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Direction-finding measurements | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  DF Accuracy: 2 degrees RMS.  Dual Polarization: 20MHz - 3GHz.  Vertical Polarization: 3GHz - 8.5GHz.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Bandwidth measurements | 20MHz - 8.5GHz; 8.5 - 40GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  x dB and ß% 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.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |
|  | Automatic spectrum occupancy surveys | 20MHz - 8.5GHz | 0400 - 1100 (UTC) | Sunday to Thursday.  H24: on request.  Automatic measurements of spectrum occupancy in accordance with Recommendation ITU-R SM.1880 and ITU-R Spectrum Monitoring Handbook.  All fixed monitoring stations are remotely controlled at the National Control Center (CRA building) via the highly secured MPLS/IP network.  All MMS can connect to any of the FMS & TDOA sites for Geolocation. |

**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**

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

**United States ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date  of usage* |
| United States | **Spectrum Wireless Holdings, LLC**  6399 S Fiddlers Green Cir, 4th Floor  Greenwood Village,  CO 80111 | **89 1 345** | Anshul Maggon  6399 S Fiddlers Green Cir,  4th Floor  Greenwood Village,  CO 80111  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\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Status* |
| 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)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC*** | ***Operator/Network*** |
| **Estonia SUP** |  |  |
| 248 25 | Eurofed OÜ |
| **Estonia ADD** |  |  |
| 248 29 | SkyTel OÜ |
| **Japan SUP** |  |  |
| 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 |
| **Japan ADD** |  |  |
| 441 211 | STARCAT CABLE NETWORK Co., LTD. |
| 441 212 | I-TEC Solutions Co., Ltd. |
| **Japan LIR** |  |  |
| 440 08 | Panasonic Connect Co., Ltd |
| 440 09 | Marubeni Network Solutions Inc. |
| **International Mobile,  shared code SUP\*** |  |  |
| 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)

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

***Bosnia and Herzegovina / BIH* REP all information by**

|  |  |  |
| --- | --- | --- |
| Adria net d.o.o. Mostar  Dr. Ante Starčevića 46 88000 Mostar | ADNISP | Tel: +387 36 333 483  E-mail: [info@adrianet.eu](mailto:info@adrianet.eu) |
| AKT.ONLINE d.o.o. Sarajevo  Fra Anđela Zvizdovića br. 1 71000 Sarajevo | AKTBIH | Tel: +387 33 296 621  Fax: +387 33 296 622  E-mail: [info@aktonline.ba](mailto:info@aktonline.ba) |
| Alfanet Informatika d.o.o. Prijedor  Majora Milana Tepića M1, lokal 5 79101 Prijedor | ALFANE | Tel: +387 52 212 000/+387 52 232 143  E-mail: [office@alfa-net.com](mailto:office@alfa-net.com); [info@elektronika.rs.ba](mailto:info@elektronika.rs.ba) |
| AMB-NET d.o.o. Živinice  Tupković bb 75270 Živinice | A9M9B2 | Tel: +387 63 028 675  Fax: +387 35 764 415  E-mail: [ambnetdoo@gmail.com](mailto:ambnetdoo@gmail.com) ; [ambnetinternet@gmail.com](mailto:ambnetinternet@gmail.com) |
| AVAX NET d.o.o. Lukavac  Kralja Tvrtka I bb 75300 Lukavac | AVAXBH | Tel: +387 80 020 231 (free phone, Bosnia and Herzegovina only) Fax: +387 35 553 696  E-mail: [avaxba@yahoo.com](mailto:avaxba@yahoo.com) |
| BH Telecom d.d. Sarajevo  Franca Lehara 7 71000 Sarajevo | BHTBIH | Tel: +387 33 232 651/+387 33 232 652  E-mail: [support@bih.net.ba](mailto:support@bih.net.ba) |
| Blicnet d.o.o. Banja Luka  Majke Jugovića br. 25 78000 Banja Luka | BLICBH | Tel: +387 51 921 000/+387 51 921 921  E-mail: [office@aneks.com](mailto:office@aneks.com) |
| DASTO-SEMTEL d.o.o. Bijeljina  Račanska 98 76300 Bijeljina | ZONABH | Tel: +387 55 420 100  Fax: +387 55 420 101  E-mail: [info@zona.ba](mailto:info@zona.ba) |
| DINNET d.o.o. Gračanica  Zlatnih ljiljana bb 75323 Gračanica | DINNET | Tel: +387 35961700/+387 61660739  E-mail: [shop@dinnet.net](mailto:shop@dinnet.net) |
| DOMOOPTIK d.o.o.  Tvornička br.3 71000 Sarajevo | DOMBIH | Tel: + 387 33 943950  E-mail: [info@domooptik.ba](mailto:info@domooptik.ba) |
| DSL-ELEKTRONIKA d.o.o. Modriča  Cara Lazara bb 74480 Modriča | DSLON | Tel: +387 65 950 255/+387 53 813 005  E-mail: [info@dslon.ws](mailto:info@dslon.ws) |
| ELEKTRON GROUP d.o.o. Derventa  Derventski Lug 74 74400 Derventa | BNET16 | Tel: +387 53 311 888  Fax: +387 53 311 898  E-mail: [electron@teol.net](mailto:electron@teol.net) |
| ELIT M d.o.o. Bijeljina  Vidovdanska br. 48 đ 76300 Bijeljina | SCWLAN | Tel: +387 55 215 255  E-mail: [office@scwlan.com](mailto:office@scwlan.com) |
| ELKATEL d.o.o. Tuzla  Fočanska br. 1N 75000 Tuzla | ELKTEL | Tel: +387 35 302 333  Fax: +387 35 302 330  E-mail: [elkatel@txtv.ba](mailto:elkatel@txtv.ba) |
| ELTA-MT d.o.o. Tuzla  Fočanska br. 1N 75000 Tuzla | ELTAMT | Tel: +387 35 302 333  E-mail: [elta-mt@elta-mt.ba](mailto:elta-mt@elta-mt.ba) |
| EUROPRONET BOSNIA d.o.o. Sarajevo  Tvornička 371210 Ilidža | EPNBIH | Tel: +387 33 941 000/+387 33 213 200  E-mail: [office@europronet.ba](mailto:office@europronet.ba) |
| FORMEA d.o.o. Visoko  Kralja Tvrtka bb 71300 Visoko | FORMEA | Tel: +387 32 739 217  E-mail: [prodaja@formea.ba](mailto:prodaja@formea.ba) |
| HKB net d.o.o. Sarajevo  Džemala Bijedića 216 71000 Sarajevo | HKBNET | Tel: +387 33 844 404/+387 33 972 972  E-mail: [hs-hkb@hs-hkb.ba](mailto:hs-hkb@hs-hkb.ba) |
| INTEGRA INŽENJERING d.o.o. Banja Luka  Trg Republike Srpske 8/XIII 78000 Banja Luka | INTGRA | Tel: +387 51 337 449  Fax: +387 51 337 492  E-mail: [integra@integralgrupa.com](mailto:integra@integralgrupa.com) |
| ITS d.o.o. Široki Brijeg  Fra Didaka Buntića 72 88220 Široki Brijeg | ITSF72 | Fax: +387 39 704 249  E-mail: [its@service-its.com](mailto:its@service-its.com) |
| JetStream BH d.o.o.  Hiseta 15 71000 Sarajevo | JETBIH | Tel: +387 33 465 793  E-mail: [ws.jetstreamsubs@a1telekom.at](mailto:ws.jetstreamsubs@a1telekom.at) |
| JP Elektroprivreda BiH d.d. Sarajevo  Vilsonovo šetalište 15 71000 Sarajevo | JPEPBH | Tel: +387 33 751 000/+387 33 751 008  E-mail: [www.elektroprivreda.ba](http://www.elektroprivreda.ba) |
| JP HT d.d. Mostar  Kneza Branimira bb 88000 Mostar | HTMBIH | Tel: +387 36 395 555  Fax: +387 36 395 279  E-mail [infoHT@hteronet.ba](mailto:infoHT@hteronet.ba) |
| KAMER COMMERCE d.o.o. Sarajevo  Blažujski drum 14 71210 Ilidža | PLUSBA | Tel: +387 33 555 062  E-mail: prodaja@plus.ba |
| KATARINA d.o.o. Mostar  Dr. Ante Starčevića br.48 88000 Mostar | KATISP | Tel: +387 36 326 426  Fax: +387 36 333 483  E-mail: katarina@katarina.ba |
| KATV HS d.o.o. Sarajevo  Džemala Bijedića 216 71000 Sarajevo | KATVHS | Tel: +387 33 716 505/+387 33 716 377  E-mail: [hs-hkb@hs-hkb.ba](mailto:hs-hkb@hs-hkb.ba) |
| KG-1 d.o.o. Goražde  Naselje Panorama bb 73000 Goražde | C3N6A1 | Tel: +387 38 221 080/+387 38 240 130  E-mail: [kg1gorazde@gmail.com](mailto:kg1gorazde@gmail.com) |
| K-NET d.o.o. Derventa  1.maja br.46 74400 Derventa | KNETBH | Tel: +387 65 633 926/+387 53 333 815  E-mail: [k.netderventa@gmail.com](mailto:k.netderventa@gmail.com) |
| KTV E-G-E d.o.o. Doboj Jug  203 brigade 305, Matuzići 74203 Doboj-Jug | EGE123 | Tel: +387 63 285 024/+387 32 699 081  E-mail: [info@ktv-ege.ba](mailto:info@ktv-ege.ba) |
| Logosoft d.o.o. Sarajevo  Grbavička 4 71000 Sarajevo | LGSFT1 | Tel: +387 33 931 900  Fax: +387 33 931 901  E-mail: [info@logosoft.ba](mailto:info@logosoft.ba) |
| M&H Company d.o.o. Sarajevo  Džemala Bijedića 216 71000 Sarajevo | MHCOMP | Tel: +387 33 716 505/+387 33 716 377  E-mail: [hs-hkb@hs-hkb.ba](mailto:hs-hkb@hs-hkb.ba) |
| Media Sky d.o.o. Živinice  Druga Ulica 48 75270 Živinice | MSKBIH | Tel: +387 35 772 249  Fax: +387 35 775 406  E-mail: [mediasky@mediasky.ba](mailto:mediasky@mediasky.ba) |
| MH ERS MP a.d. Trebinje, ZP Elektro Doboj a.d. Doboj  Nikole Pašića br.77 74000 Doboj | ELEDOB | Tel: +387 53 209 733  Fax: +387 53 241 344  E-mail: [info@elektrodoboj.net](mailto:info@elektrodoboj.net) |
| MISS.NET d.o.o. Bihać  Sarajevska 24  77000 Bihać | MISNET | Tel: +387 37 961 000  Fax: +387 37 961 503  E-mail: [missnet@missnet.ba](mailto:missnet@missnet.ba) |
| Neon Solucije d.o.o. Kalesija  Miljanovci bb 75260 Kalesija | NEONBA | Tel: +387 35 617 482  Fax: +387 35 617 493  E-mail: [info@neon.ba](mailto:info@neon.ba) |
| NET-FLET d.o.o. Bugojno  Bosanska 14 70230 Bugojno | BNTFLT | Tel: +387 30 961 150  E-mail: [info@net-flet.ba](mailto:info@net-flet.ba) |
| novotel d.o.o.  Džemala Bijedića br. 39 71000 Sarajevo | NOVOBH | Tel: + 387 33 953 400  E-mail: [info@novotel.ba](mailto:info@novotel.ba) |
| ORTAK d.o.o. Šipovo  Vojvode Radomira Putnika bb 78364 Šipovo | 1ORTAK | Tel: +387 50 360 410/+387 50 360 411  E-mail: [kancelarija@kdsortak.net](mailto:kancelarija@kdsortak.net) |
| PRVI FORTIS PROJEKT d.o.o.  Hercegovačkog ustanka bb. 88390 Neum | PFPBIH | Tel: +387 36 807 167  E-mail: [prvifortisprojekt@gmail.com](mailto:prvifortisprojekt@gmail.com) |
| SECTOR TECHNOLOGY d.o.o. Brčko distrikt BiH  Branislava Nušića br.19 76100 Brčko | SECTOR | Tel: +387 49 230 770  E-mail: [office@sector.ba](mailto:office@sector.ba) |
| SiOL d.o.o. Sarajevo  Fra Anđela Zvizdovića 1 71000 Sarajevo | SIOLSA | Tel: +387 33 881 118/+387 33 861 010  E-mail: [admir.kudic@sgl.ba](mailto:admir.kudic@sgl.ba); [sreta.maric@telekom.si](mailto:sreta.maric@telekom.si) |
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| Stokić d.o.o. Doboj  Velika Bukovica 34 74213 Doboj | GOJA65 | Tel: +387 65 680 573/+387 53 286 145  E-mail: [stokicdoo@hotmail.com](mailto:stokicdoo@hotmail.com) |
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| TEAM CONSULTING d.o.o. Sarajevo  Tvornička 3  71000 Sarajevo | TEAMAC | Tel: +387 62 348 797/+387 33 922 474  E-mail: [info@team.ba](mailto:info@team.ba) |
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| Terc Trade Company d.o.o. Prnjavor  Novaka Pivaševića 36 78430 Prnjavor | TERCTT | Tel: +387 51 640 040  E-mail: [terc@teol.net](mailto:terc@teol.net) |
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| TX TV d.o.o. Tuzla  Fočanska 1N 75000 Tuzla | TXTVBH | Tel: +387 35 302 333  Fax +387 35 302 330  E-mail: [internet@txtv.ba](mailto:internet@txtv.ba) |
| Univerzitet u Sarajevu (UNSA) Univerzitetski Tele-Informatički Centar (UTIC)  Obala Kulina bana 7/II 71000 Sarajevo | UTIC | Tel: +387 33 560 240  Fax: +387 33 213 773  E-mail: [support@utic.net.ba](mailto:support@utic.net.ba) |
| Wirac.Net d.o.o. Gračanica  Zlatnih ljiljana bb 75320 Gračanica | WNETBH | Tel: +387 35 707 035  Fax: +387 35 708 296  E-mail: [info@wirac.net](mailto:info@wirac.net) |
| ZipZap d.o.o. Zenica  Londža 92 72000 Zenica | ZIPZAP | Tel: +387 32 200 860  Fax: +387 32 200 861  E-mail: [info@zipzap.ba](mailto:info@zipzap.ba) |

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

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

|  |  |  |
| --- | --- | --- |
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| Mainzer Breitband GmbH  Rheinallee 41  D-55118 MAINZ | **MZMSW** | Mrs Miriam Volkmann  Tel.: +49 6131 12 8112  Email: miriam.volkmann@mainzer-breitband.de |
| Telekommunikationsgesellschaft  Südwestfalen mbH  Steinstrasse 27  D-59872 MESCHEDE | **TKGSWF** | Mr Stefan Glusa  Tel.: +49 291 94 4411  Fax: +49 291 94 1140  Email: info@tkg-swf.de |
| Terrera AG  Ringstrasse 13  D-65606 VILLMAR | **TERGER** | Mr Michael Lenz  Tel.: +49 6474 274416  Fax: +49 6474 274463  Email: michael.lenz@terrera.ag |

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| CompuNet Systems GmbH  Moislinger Allee 9 d  D-23558 LUEBECK | **CPN1** | Mr Boris Hoppe  Tel: +49 451 3170330  E-mail: b.hoppe@compunet.systems |
| COM-IN Telekommunikations GmbH  Erni-Singerl-Strasse 2 b  D-85053 INGOLSTADT | **COMIN** | Mr Stefan Ferstl  Tel: +49 841 88511 0  Fax: +49 841 88511 1099  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 | | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **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

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:

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