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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1083** | 1.IX.2015 | (Information received by 18 August 2015) ISSN 1564-5223 (Online) | |
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| Dates of publication of the next Operational Bulletins | | Including information received by: |
| --- | --- | --- |
| 1084 | 15.IX.2015 | 1.IX.2015 |
| 1085 | 1.X.2015 | 17.IX.2015 |
| 1086 | 15.X.2015 | 1.X.2015 |
| 1087 | 1.XI.2015 | 19.X.2015 |
| 1088 | 15.XI.2015 | 2.XI.2015 |
| 1089 | 1.XII.2015 | 17.XI.2015 |
| 1090 | 15.XII.2015 | 1.XII.2015 |

# 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.

1073 Legal time 2015

1067 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2015)

1066 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 December 2014)

1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013) (Position on 15 September 2014)

1056 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to ITU-T Recommendation E.212 (05/2008)) (Position on 15 July 2014)

1055 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 July 2014)

1040 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 15 November 2013)

1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)

1005 List of mobile country or geographical area codes (Complement to ITU‑T Recommendation E.212 (05/2008)) (Position on 1 June 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 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU‑T Recommendation E.164 (11/2010)) (Position on 1 November 2011)

991 Call-Back and alternative calling procedures (Res. 21.PP-2006)

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))

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)

972 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommen­dation E.218 (05/2004)) (Position on 15 January 2011)

955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (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 (03/2013)) [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)

Approval of ITU-T Recommendations

By AAP-63, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

– ITU-T G.650.2 (08/2015): Definitions and test methods for statistical and non-linear related attributes of single-mode fibre and cable

– ITU-T G.798 (2012) Cor.1 (08/2015): Characteristics of optical transport network hierarchy equipment functional blocks

– ITU-T G.824 (2000) Cor.1 (08/2015): The control of jitter and wander within digital networks which are based on the 1544 kbit/s hierarchy

– ITU-T G.873.2 (08/2015): ODUk shared ring protection

– ITU-T G.874 (2013) Amd.1 (08/2015): Management aspects of optical transport network elements

– ITU-T G.874.1 (2012) Amd.2 (08/2015): Optical transport network: Protocol-neutral management information model for the network element view

– ITU-T G.989.1 (2013) Amd.1 (08/2015): 40-Gigabit-capable passive optical networks (NG-PON2): General requirements

– ITU-T G.7711/Y.1702 (08/2015)

– ITU-T G.8013/Y.1731 (08/2015): OAM functions and mechanisms for Ethernet based networks

– ITU-T G.8021/Y.1341 (2015) Cor.1 (08/2015): Characteristics of Ethernet transport network equipment functional blocks

– ITU-T G.8032/Y.1344 (08/2015): Ethernet ring protection switching

– ITU-T G.8051/Y.1345 (08/2015): Management aspects of the Ethernet Transport (ET) capable network element

– ITU-T G.8112/Y.1371 (08/2015): Interfaces for the MPLS Transport Profile layer network

– ITU-T G.8113.2/Y.1372.2 (08/2015): Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS

– ITU-T G.8260 (08/2015): Definitions and terminology for synchronization in packet networks

– ITU-T G.8273/Y.1368 (2013) Amd.2 (08/2015): Framework of phase and time clocks

– ITU-T G.8273.2/Y.1368.2 (2014) Amd.2 (08/2015): Timing characteristics of telecom boundary clocks and telecom time slave clocks

– ITU-T G.9802 (2015) Amd.1 (08/2015): Multiple-wavelength passive optical networks (MW-PONs)

– ITU-T G.9903 (2014) Amd.1 (08/2015): Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks

– ITU-T J.230 (08/2015): Requirements for platform functionalities on the integration of cable STB and mobile second screen devices

– ITU-T J.1004 (08/2015): Specifications of authorization centre interfaces for renewable conditional access system

– ITU-T J.1005 (08/2015): Architecture and requirement of DRM for cable television multiscreen

– ITU-T J.1102 (08/2015): Interface Specifications for IP-based switched digital video using DOCSIS

– ITU-T J.1103 (08/2015): Transmission specification for IP-based switched digital video using Data Over Cable Service Interface Specifications

– ITU-T L.10 (08/2015): Optical fibre cables for duct and tunnel application

– ITU-T L.26 (08/2015): Optical fibre cables for aerial application

– ITU-T L.43 (08/2015): Optical fibre cables for buried application

– ITU-T X.680 (08/2015): Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation

– ITU-T X.681 (08/2015): Information technology – Abstract Syntax Notation One (ASN.1): Information object specification

– ITU-T X.682 (08/2015): Information technology – Abstract Syntax Notation One (ASN.1): Constraint specification

– ITU-T X.683 (08/2015): Information technology – Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications

– ITU-T X.690 (08/2015): Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)

– ITU-T X.691 (08/2015): Information technology – ASN.1 encoding rules: Specification of Packed Encoding Rules (PER)

– ITU-T X.692 (08/2015): Information technology – ASN.1 encoding rules: Specification of Encoding Control Notation (ECN)

– ITU-T X.693 (08/2015): Information technology – ASN.1 encoding rules: XML Encoding Rules (XER)

– ITU-T X.694 (08/2015): Information technology – ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1

– ITU-T X.695 (08/2015): Information technology – ASN.1 encoding rules: Registration and application of PER encoding instructions

– ITU-T X.696 (08/2015): Information technology – Specification of Octet Encoding Rules (OER)

Assignment of Signalling Area/Network Codes (SANC)  
(Recommendation ITU-T Q.708 (03/99))

**Note from TSB**

At the request of the Administration of the Republic of Cyprus, the Director of TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system No. 7 network of this country/geographical area, in accordance with Recommendation ITU-T Q.708 (03/99):

|  |  |
| --- | --- |
| *Country*/*geographical area or signalling network* | *SANC* |
| Cyprus (Republic of) | 5-215 |

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

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

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 6.VIII.2015:

The *Danish Business Authority*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

* assignment – M2M-communication

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Celfon A/S | 37100102ijkl | 6.VIII.2015 |

Contact:

Danish Business Authority  
Dahlerups Pakhus  
Langelinie Allé 17

DK-2100 COPENHAGEN  
Denmark  
Tel: +45 35 29 10 00   
Fax: +45 35 46 60 01   
E-mail: erst@erst.dk   
URL: www.erst.dk

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

Communication of 8.VIII.2015:

The *Communications Regulatory Authority (CRA)*, Tehran, announces the following updated National Numbering Plan 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 dialed before all telephone numbers except short numbers. It must not be dialed from abroad.

* National destination Code: 2 digits.

**2 Detail of Numbering Scheme**

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

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

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

Numbering Scheme

| *NDC* | *NSN Number length* | | *Usage of E.164* | *Additional Information* |
| --- | --- | --- | --- | --- |
| *Minimum* | *Maximum* |
| 11 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Mazandaran) |
| 13 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Gilan) |
| 17 | 5 | 10 | Fixed Phone | Area Code (Geographic Number for Fixed telephony Numbers – Golestan) |
| 20 | 10 | 10 | International VOIP |  |
| 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 ) |
| 30 | 10 | 10 | International VOIP |  |
| 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 va Bakhtiari) |
| 40 | 10 | 10 | International VOIP |  |
| 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) |
| 50 | 10 | 10 | International VOIP |  |
| 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 – Sistan va Balochestan) |
| 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) |
| 60 | 10 | 10 | International VOIP |  |
| 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 – Kohgiluoye va 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) |
| 901 | 10 | 10 | Mobile services | IRANCELL |
| 902 | 10 | 10 | Mobile services | IRANCELL |
| 903 | 10 | 10 | Mobile services | IRANCELL |
| 91 | 10 | 10 | Mobile services | MCI |
| 920 | 10 | 10 | Mobile services | Rightel |
| 921 | 10 | 10 | Mobile services | Rightel |
| 922 | 10 | 10 | Mobile services | Rightel |
| 930 | 10 | 10 | Mobile services | IRANCELL |
| 9313 | 10 | 10 | Mobile services |  |
| 932 | 10 | 10 | Mobile services- | Taliya |
| 933 | 10 | 10 | Mobile services | IRANCELL |
| 934 | 10 | 10 | Mobile services | Kish |
| 935-9 | 10 | 10 | Mobile services | IRANCELL |
| 941 | 10 | 10 | WiMax Phone |  |
| 943 | 10 | 10 | Paging Services |  |
| 944 | 10 | 10 | WiMax Phone |  |
| 96 | 10 | 10 | Services Codes |  |
| 990 | 10 | 10 | Mobile services | MCI |
| 995 | 10 | 10 | Reserved for MVNO |  |
| 996 | 10 | 10 | Reserved for MVNO |  |
| 997 | 10 | 10 | Reserved for MVNO |  |
| 998 | 10 | 10 | Reserved for MVNO |  |
| 999 | 10 | 10 | Reserved for MVNO |  |

Contact:

Communications Regulatory Authority (CRA)  
Ministry of Information and Communication Technology

P.O. Box 15598-4415

1631713761 TEHRAN  
Iran (Islamic Republic of)  
Tel: +98 2188112814  
Fax: +98 21 88468999  
E-mail: fallah@cra.ir

E-mail: darvishi@cra.ir

Monaco (country code +377)

Communication of 18.VIII.2015:

The *Direction des Communications Electroniques*, Monaco, announces the following changes to its telephone numbering plan:

**Table − Description of introduction of new resource for   
national E.164 numbering plan for country code 377:**

| *(1)* | *(2)* | | *(3)* | *(4)* |
| --- | --- | --- | --- | --- |
| *NDC (national destination code) or leading digits of N(S)N (national (significant) number)* | *N(S)N number length* | | *Usage of E.164 number* | *Time and date of introduction* |
| *Maximum length* | *Minimum length* |
| 451 | 8 | 8 | Mobile telecommunications service |  |
| **…** |  |  |  |  |

Contact:

Direction des Communications Electroniques  
Division Ressources  
23, avenue Albert II  
98000 MONACO  
Tel: +377 98 98 88 00  
Fax: +377 97 98 56 57  
E-mail: dce@gouv.mc  
URL: www.gouv.mc

Myanmar (country code +95)

Communication of 5.VIII.2015:

The *Ministry of Communications and Information Technology*, Nay Pyi Taw, announces the following additions to the telephone numbering plan of Myanmar:

**AUTO EXCHANGE NUMBERING**

| **Sr  No.** | **Trunk Code** | **Number series** | **Area** | **Type of  Exchange** | **Digit Length** | **Remark** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 2000000~2000999 | Mingalar Mandalay | ZTE IP Transit | 8 |  |
| 2 | 56 | 45xxx | Tandar | KX TDA -600 | 7 |  |
| 3 | 82 | 320xxx | Manton | TWD-06 | 8 |  |
| 4 | 1 | 120xxxx | YTP | Huawei-IMF | 6 |  |
| 5 | 1 | 122xxxx~129xxxx | YTP | Huawei-IMF | 6 |  |
| 6 | 1 | 44xxxxx | YTP | IP Softwitch | 7 |  |
| 7 | 1 | 8xxxxxx | Yangon | IP Softwitch | 8 |  |

**Mobile Numbering**

| **HLR** | **Country Code** | **Area code** | **Numbering** | **System** | **Digit Length** |
| --- | --- | --- | --- | --- | --- |
| Ooredoo Myanmar Limited | 95 | 9 | 97X-XXX-XXX | GSM | 9 |
| 96X-XXX-XXX |
|  |  |  |  |  |  |
| Telenor Myanmar Limited | 95 | 9 | 79X-XXX-XXX | GSM | 9 |
| 78X-XXX-XXX |

Contact:

Ministry of Communications and Information Technology

Posts and Telecommunications Department (PTD)

Building No. 2,

Special Development Zone

NAY PYI TAW

Myanmar

Tel: +95 67 407 225

Fax: +95 67 407 216

E-mail: dg.ptd@mptmail.net.mm

Oman (country code +968)

Communication of 18.VIII.2015:

The *Oman Telecommunications Regulatory Authority (TRA)* announces the following update to the National Numbering Plan (NNP) of Oman:

| *NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)* | *N(S)N number length* | | *Usage of E.164 number* | *Additional information* |
| --- | --- | --- | --- | --- |
| *Maximum* | *Minimum* |
| 900XXXXX | 8 | 8 | Premium services | Omantel/Ooredoo |
| 901XXXXX to 909XXXXX | 8 | 8 | Mobile service | Omantel/Ooredoo |
| 91XXXXXX | 8 | 8 | Mobile service | Omantel |
| 92XXXXXX | 8 | 8 | Mobile service | Omantel |
| 93XXXXXX | 8 | 8 | Mobile service | Omantel |
| 94XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 95XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 96XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 97XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 98XXXXXX | 8 | 8 | Mobile service | Omantel |
| 99XXXXXX | 8 | 8 | Mobile service | Omantel |
| 22XXXXXX | 8 | 8 | Fixed service | Omantel/Ooredoo |
| 23XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Dhofar & Al Wusta |
| 24XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Muscat |
| 25XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | A’Dakhliyah, Al Sharqiya & A’Dhahira |
| 26XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Al Batinah & Musandam |

Contact:

Mr Mohammed Al-Kindy  
executive Manager, Regulatory & Compliance unit  
Oman Telecommunications Regulatory Authority (TRA)  
P.O. Box 3555  
AL-SEEB, 111  
Sultanate of Oman  
Tel: +968 24222222  
Fax: +968 24222000  
E-mail: [ir@tra.gov.om](mailto:ir@tra.gov.om)  
URL: www.tra.gov.om

Somalia (country code +252)

Communication of 18.VIII.2015

The *Ministry of Post and Telecommunications*, Mogadishu, announces the following numbering ranges are available in “Somali Telecom Group STG”:

| *Service* | *Numbering range* | *Test number* |
| --- | --- | --- |
| Mobile GSM | 92 XXX XXX | +252 92 230 010 |
| Mobile GSM | 93 XXX XXX | +252 93 203 010 |
| Mobile GSM | 94 XXX XXX | +252 94 703 010 |
| Mobile GSM | 95 XXX XXX | +252 95 303 010 |
| Mobile GSM | 96 XXX XXX | +252 96 403 010 |
| Mobile GSM | 97 XXX XXX | +252 97 803 010 |
| Mobile GSM | 98 XXX XXX | +252 98 503 010 |
| Mobile GSM | 99 XXX XXX | +252 99 603 010 |

All administration and Recognized Operating Agencies (ROA) are requested to program their switches to enable access to these number series.

Contact:

Mr. Abddirahman Hassan Nuur Ministry of Post and Telecommunications

Somali Telecom Group STG Minister Office

MOGADISHU MOGADISHU

Somalia Somalia

Tel: +252634749464 Tel: +252 61 2777734/61 6342657

Email: Istiqiin@hotmail.com Email: gkassim@gmail.com; daljire74@gmail.com

Vanuatu (country code +678)

Communication of 5.VIII.2015:

The *Telecommunications and Radiocommunications Regulator*, Port-Vila, announces the allocation of new mobile number ranges to Digicel Vanuatu Limited and the Updated Vanuatu Number Allocation Schedule:

|  |  |  |
| --- | --- | --- |
| *Service* | *Numbering range* | *Operator* |
| Mobile | +678 5 0XX XXX | Digicel Vanuatu Limited |
| Mobile | +678 5 1XX XXX | Digicel Vanuatu Limited |
| Mobile | +678 5 2XX XXX | Digicel Vanuatu Limited |
| Mobile | +678 5 8XX XXX | Digicel Vanuatu Limited |

**NUMBER ALLOCATION SCHEDULE FOR COUNTRY CODE 678 (VANUATU)**

**IN ACCORDANCE WITH THE NATIONAL NUMBERING PLAN AND PROCEDURES**

This Number Allocation Schedule is effective as and from 30 August 2015.

a) Overview.

The minimum number length (excluding the country code) is 3 digits.

The maximum number length (excluding the country code) is 7 digits.

b) Details of Numbering Scheme:

| *NDC (National Destination Code) or leading digits of N(S)N (National (Significant ) Number)* | *N(S) number length* | | *Usage of E.164 Number* | *Additional Information* |
| --- | --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 00-07 |  | Invalid |  | 00 – 07 are invalid |
| 080 |  | Invalid |  | 08xxxx are invalid |
| 0811 | Six | Six | Toll Free (Telecom Vanuatu Ltd) | 0811xx are valid |
| 0812 - 0817 |  | Invalid |  | 0812xx – 0817xx are invalid |
| 0818 | Six | Six | Toll Free (Digicel Vanuatu Ltd) | 0818xx are valid |
| 0819 - 089 |  | Invalid |  | 0819xx – 089xx are invalid |
| 0900 |  | Invalid | Premium Rate Services | 0900xxx are invalid |
| 10 |  | Invalid |  | 10X are invalid |
| 11X | Three | Three | Life & Safety Short Codes | 11X are valid |
| 12 - 14 | Three | Three | On-Net Short Codes | 12x – 14x are valid |
| 15 | Three | Three | Off-Net VAS SMS Short Codes | 15x are valid |
| 16 | Three | Three | Off-Net and Public Information Short Codes | 16x are valid |
| 17 | Three | Three | On-Net Short Codes | 17x are valid |
| 18 | Three | Three | Off-Net VAS SMS Short Codes | 18x are valid |
| 19 | Three | Three | Directory and customer assistance Short Codes | 19x are valid |
| 20 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 20xxx are valid |
| 21 |  | Invalid |  | 21xxx are invalid |
| 22-29 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 22xxx-29xxx are valid, SHEFA Province and Port-Vila Areas |
| 30 | Five | Five | Non-Geographical (Telecom Vanuatu Ltd) | 30xxx are valid |
| 31-32 |  | Invalid |  | 31xxx-32xxx are invalid |
| 33 | Five | Five | Government Fixed Network (Digicel Vanuatu Ltd) | 33xxx are valid |
| 34 |  | Invalid |  | 34xxx are invalid |
| 35 | Five | Five | Fixed network telephone service (Digicel Vanuatu Ltd) | 35xxx are valid |
| 36 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 36xxx are valid, SANMA Province |
| 37 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 37xxx are valid, Luganville area |
| 380-388 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 380xx-388xx are valid, PENAMA and TORBA Provinces |
| 389 |  | Invalid |  | 389xx are invalid |
| 39 |  | Invalid |  | 39xxx are invalid |
| 40-47 |  | Invalid |  | 40xxx-47xxx are invalid |
| 480-483 |  | Invalid |  | 480xx-483xx are invalid |
| 484-489 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 484xx-489xx are valid, MALAMPA Province |
| 49 |  | Invalid |  | 49xxx are invalid |
| 50-52 | Seven | Seven | Cellular mobile service (Digicel Vanuatu Ltd) | 50xxxxx-52xxxxx are valid |
| 53-56 | Seven | Seven | Cellular mobile service (Digicel Vanuatu Ltd) | 53xxxxx-56xxxxx are valid |
| 570-571 |  | Invalid |  | 570xxxx-571xxxx are invalid |
| 572-575 | Seven | Seven | Cellular mobile service (Digicel Vanuatu Ltd) | 572xxxx-575xxxx are valid |
| 576-579 |  | Invalid |  | 576xxxx-579xxxx are invalid |
| 58 | Seven | Seven | Cellular mobile service (Digicel Vanuatu Ltd) | 58xxxxx are valid |
| 59 | Seven | Seven | Cellular mobile service (Digicel Vanuatu Ltd) | 59xxxxx are valid |
| 6 |  | Invalid |  | All numbers commencing with 6 are invalid |
| 70-71 | Seven | Seven | Cellular mobile service (Telecom Vanuatu Ltd) | 70xxxxx-71xxxxx are valid |
| 72 |  | Invalid |  | 72xxxxx are invalid |
| 73-76 | Seven | Seven | Cellular mobile service (Telecom Vanuatu Ltd) | 73xxxxx-76xxxxx are valid |
| 77 | Seven | Seven | Cellular mobile service (Telecom Vanuatu Ltd) | 77xxxxx are valid |
| 78-79 |  | Invalid |  | 78xxxxx – 79xxxxx are invalid |
| 80-87 |  | Invalid |  | 80xxx-87xxx are invalid |
| 88 | Five | Five | Fixed network telephone service (Telecom Vanuatu Ltd) | 88xxx are valid, TAFEA Province |
| 89 |  | Invalid |  | 89xxx are invalid |
| 9000-9009 | Seven | Seven | WanTok | 900xxxx are valid |
| 901-989 |  | Invalid |  | 901xxxx – 989xxxx are invalid |
| 99 |  | Invalid |  | 99xxxxx are invalid |

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Other communication

Austria

Communication of 7.VIII.2015:

On the occasion of the “ARISS SCHOOL CONTACT”, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE0ARRIS** from 2 to 22 November 2015.

Service Restrictions

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

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

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

Call – Back  
and alternative calling procedures (Res. 21 Rev. PP – 2006)

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

# 

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADD** | Insert |  | **PAR** | paragraph |
| **COL** | Column |  | **REP** | replace |
| **LIR** | Read |  | **SUP** | Delete |
| **P** | page(s) |  |  |  |

List of Coast Stations and Special Service Stations  
(List IV)  
  
Edition of 2013

(Amendment No. 10)\*

**SNG Singapore (Republic of)**

**Notes concerning "Systems in the maritime mobile-satellite service that provide a public correspondence service" \***

Notes **CS**1to **CS**17 **LIR**

**CS**1 Coast earth station operated by the Infocomm Development Authority of Singapore (IDA) as part of the Inmarsat system covering the Pacific, Atlantic and Indian Ocean Regions.

**CS**2 **Inmarsat–B**

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations, including landline charges.

1. Telephone (per blocks of 15 seconds)

a) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| Band\* | SDR/min. | | |
| Voice | | Fax and data |
| Peak hours\*\* | Off-peak hours\*\* |
| 0 | 2.72 | 2.13 | 2.72 |
| 1 | 3.31 | 2.25 | 3.31 |
| 2 | 3.61 | 2.84 | 3.61 |

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

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

b) Mobile-to-mobile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Services | SDR/min | | | |
| Voice | | | Fax and data |
| Peak hours\*\* | Off-peak hours\*\* | |
| Inmarsat–B to Inmarsat–B | 5.56 | 5.32 | | 5.56 |
| Inmarsat–B to Inmarsat–B (HSD) | 14.94 | 14.17 | | 14.79 |
| Inmarsat–B to Inmarsat–M | 5.56 | 5.32 | | 5.56 |
| Inmarsat–B to Inmarsat–Mini-M/GAN/F77 | 5.44 | | | 5.44 |
| Inmarsat–B to GAN/F77 (ISDN) | 9.27 | | 8.24 | 9.27 |
| Inmarsat–B to Iridium | 8.23 | | | 8.23 |
| Inmarsat–B to BGAN (ISDN) | 10.13 | | 10.13 | 10.13 |
| Inmarsat–B to FB (ISDN) | 10.13 | | 10.13 | 10.13 |
| Inmarsat–B to BGAN | 4.12 | | 3.78 | 4.12 |
| Inmarsat–B to FB | 4.12 | | 3.78 | 4.12 |

2. Telex

a) Mobile-to-shore

– Band 0\*: 2.70 SDR/min.  
– Band 1\*: 3.29 SDR/min.  
– Band 2\*: 4.11 SDR/min.

b) Mobile-to-mobile

– Inmarsat–B to Inmarsat–B: 5.33 SDR/min.  
– Inmarsat–B to Inmarsat–C: 5.05 SDR/min.

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\* See note **CS**15.  
\*\* See note **CS**16.

**CS**3 **Inmarsat–B (HSD)** (per 10 seconds)

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

a) Mobile-to-shore

|  |  |  |
| --- | --- | --- |
| Band | ISDN destinations | SDR/min. |
| 0 | AFS, BRU, CAN, D, DNK, E, F, FIN, G, GRC, HKG, HOL, I, INS, J, LUX, MLA, NOR, NZL, PHL, S, SNG, SUI, USA | 8.76 |
| 1 | AUS, HWA, IRL, KOR, Sakhalin (RUS), Taiwan (Province of China), THA | 9.46 |
| 2 | ARG, AUT, BEL, BHR, CHN, IND, ISR, MAU, Sovintel (RUS), UAE | 11.36 |

b) Mobile-to-mobile

|  |  |
| --- | --- |
| Services | SDR/min. |
| Inmarsat–B (HSD) to Inmarsat–B | 14.79 |
| Inmarsat–B (HSD) to Inmarsat–B (HSD) | 16.56 |
| Inmarsat–B (HSD) to Inmarsat–M | 12.97 |
| Inmarsat–B (HSD) to Inmarsat–Mini-M/GAN/F77 | 12.97 |
| Inmarsat–B (HSD) to GAN/F77 (ISDN) | 16.49 |
| Inmarsat–B (HSD) to Iridium | 16.72 |
| Inmarsat–B (HSD) to BGAN (ISDN) | 15.54 |
| Inmarsat–B (HSD) to FB (ISDN) | 15.54 |
| Inmarsat–B (HSD) to BGAN | 12.79 |
| Inmarsat–B (HSD) to FB | 12.79 |

**CS**4 **Inmarsat–C/Mini-C**

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

1. Telex and fax

a) Mobile-to-shore

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Band\* | SDR/256 bits | | | |
| Text to fax | Telex | Multiple addresses | |
| 1st address | 2nd address |
| 0 | 0.17 | 0.17 | 0.17 | 0.05 except DNK FIN G ISL NOR S SNG |
| 1 | 0.20 | 0.20 | 0.20 | 0.09 |
| 2 | 0.28 | 0.28 | 0.28 | 0.14 |

b) Mobile-to-mobile

|  |  |  |
| --- | --- | --- |
| Services | SDR/256 bits | |
| Text to fax | Telex |
| Inmarsat–C to Inmarsat–B | 0.54 | 0.42 |
| Inmarsat–C to Inmarsat–C (POR/IOR) | – | 0.17 |
| Inmarsat–C to Inmarsat–C (AORE/AORW) | – | 0.30 |
| Inmarsat–C to Inmarsat–M/Mini-M/GAN/F77 | 0.54 | – |
| Inmarsat–C to BGAN and FleetBroadband | 0.57 | – |

2. PSDN (mobile-to-shore)

a) Singapore: 0.23 SDR/256 bits.

b) Other countries: 0.27 SDR/256 bits.

3. CPLUS charges

a) Shore-to-mobile

– Messaging: 0.16 SDR/256 bits.  
– SafetyNET: 0.090 SDR/256 bits.  
– FleetNET: 0.42 SDR/256 bits.  
– Polling with text: 0.42 SDR/256 bits.  
– Polling without text: 0.20 SDR/poll.

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

– Data reporting: 0.041 SDR/packet (landline charges applicable to automatic delivery).

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\* See note **CS**15.

**CS**5 **Inmarsat–M**

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations, including landline charges.

Telephone (Voice/Fax/Data) (per blocks of 15 seconds)

a) Mobile-to-shore: 2.60 SDR/min.

b) Mobile-to-mobile

|  |  |  |
| --- | --- | --- |
| Services | SDR/min. | |
| Peak hours\*\* | Off-peak hours\*\* |
| Inmarsat–M to Inmarsat–B | 5.56 | 5.32 |
| Inmarsat–M to Inmarsat–B (HSD) | 12.97 | |
| Inmarsat–M to Inmarsat–M | 5.44 | |
| Inmarsat–M to Inmarsat–Mini-M/GAN/F77 | 5.44 | |
| Inmarsat–M to GAN/F77 (ISDN) | 9.27 | |
| Inmarsat–M to Iridium | 8.76 | |
| Inmarsat–M to BGAN | 4.04 | |
| Inmarsat–M to FB | 4.04 | |
| Inmarsat–M to BGAN (ISDN) | 8.42 | |
| Inmarsat–M to FB (ISDN) | 8.42 | |

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\*\* See note **CS**16.

**CS**6 **Inmarsat–Mini-M**

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

Telephone (Voice/Fax/Data) (by blocks of 15 seconds)

a) Mobile-to-shore

– Band 0\*: 3.19 SDR/min.

– Band 1\*: 3.43 SDR/min.

– Band 2\*: 3.91 SDR/min.

b) Mobile-to-mobile

|  |  |
| --- | --- |
| Services | SDR/min. |
| Inmarsat–Mini-M to Inmarsat–B | 5.44 |
| Inmarsat–Mini-M to Inmarsat–B (HSD) | 12.97 |
| Inmarsat–Mini-M to Inmarsat–M | 5.44 |
| Inmarsat–Mini-M to Inmarsat–Mini-M/GAN/F77 | 5.32 |
| Inmarsat–Mini-M to GAN/F77 (ISDN) | 8.42 |
| Inmarsat–Mini-M to Iridium | 7.30 |
| Inmarsat–Mini-M to BGAN | 4.68 |
| Inmarsat–Mini-M to FB | 4.68 |
| Inmarsat–Mini-M to BGAN (ISDN) | 9.27 |
| Inmarsat–Mini-M to FB (ISDN) | 9.27 |

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\* See note **CS**15.

**CS**7 **Inmarsat–Fleet F77** (per blocks of 15 seconds) and Fleet F77 (ISDN) (per 10 seconds)

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

a) Mobile-to-shore

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Band\* | SDR/min. | | | | |
| Voice | | Fax / Data | | ISDN |
| Peak hours\*\* | Off-peak hours\*\* | 2.4 kbps | 9.6 kbps |
| 0 | 2.85 | 2.07 | 1.76 | 4.08 | 12.46 |
| 1 | 3.07 | 2.29 | 2.12 | 4.14 | 13.36 |
| 2 | 3.63 | 2.40 | 2.60 | 4.27 | 14.25 |

Fleet F77 (MPDS): 7.49 SDR/Mbit.

b) Mobile-to-mobile

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Services | SDR/min. | | | | | |
| Voice | | Fax / Data | | | ISDN |
| Peak hours\*\* | Off-peak hours\*\* | 2.4 kbps | | 9.6 kbps |
| Peak hours\*\* | Off-peak hours\*\* |
| Fleet 77 to Inmarsat–B | 6.64 | 5.75 | 7.20 | 6.24 | 9.27 | 19.27 |
| Fleet 77 to Inmarsat–B (HSD) | 16.86 | 15.97 | 18.28 | | 18.67 | 30.03 |
| Fleet 77 to Inmarsat–M | 6.64 | 5.75 | 7.20 | 6.24 | 9.27 | 19.27 |
| Fleet 77 to Inmarsat–Mini-M/GAN/F77 | 6.64 | 5.75 | 7.20 | 6.24 | 9.27 | 19.27 |
| Fleet 77 to GAN/F77 (ISDN) | 10.94 | 10.60 | 11.87 | | 13.85 | 24.65 |
| Fleet 77 to Iridium | 10.01 | | 10.85 | | 11.08 | 33.80 |
| Fleet 77 to BGAN | 4.58 | 3.68 | 3.45 | | 6.18 | 16.49 |
| Fleet 77 to FB | 4.58 | 3.68 | 3.45 | | 6.18 | 16.49 |
| Fleet 77 to BGAN (ISDN) | 10.34 | | 9.69 | | 12.55 | 25.65 |
| Fleet 77 to FB (ISDN) | 10.34 | | 9.69 | | 12.55 | 25.65 |

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\* See note **CS**15.  
\*\* See note **CS**16.

**CS**8 **Inmarsat–Fleet F55** (per blocks of 15 seconds) and Fleet F55 (ISDN) (per 10 seconds)

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

a) Mobile-to-shore

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Band\* | SDR/min. | | | |
| Voice | | Fax / Data | ISDN |
| Peak hours\*\* | Off-peak hours\*\* |
| 0 | 2.85 | 2.07 | 4.08 | 12.46 |
| 1 | 3.07 | 2.29 | 4.14 | 13.36 |
| 2 | 3.63 | 2.40 | 4.27 | 14.25 |

Fleet F55 (MPDS): 7.49 SDR/Mbit.

b) Mobile-to-mobile

|  |  |  |  |
| --- | --- | --- | --- |
| Services | SDR/min. | | |
| Voice | Fax / Data | ISDN |
| Fleet 55 to Inmarsat–B | 6.64 | 9.27 | 19.27 |
| Fleet 55 to Inmarsat–B (HSD) | 16.86 | 18.67 | 30.03 |
| Fleet 55 to Inmarsat–M | 6.64 | 9.27 | 19.27 |
| Fleet 55 to Inmarsat–Mini-M/GAN/F77/F55/F33 | 6.64 | 9.27 | 19.27 |
| Fleet 55 to GAN/F77/55(ISDN) | 10.94 | 13.85 | 24.65 |
| Fleet 55 to Iridium | 10.01 | 11.08 | 33.80 |
| Fleet 55 to BGAN | 4.58 | 6.18 | 16.49 |
| Fleet 55 to FB | 4.58 | 6.18 | 16.49 |
| Fleet 55 to BGAN (ISDN) | 10.34 | 12.55 | 25.65 |
| Fleet 55 to FB (ISDN) | 10.34 | 12.55 | 25.65 |

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\* See note **CS**15.  
\*\* See note **CS**16.

**CS**9 **Inmarsat–Fleet F33** (per blocks of 15 seconds)

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

a) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| Band\* | SDR/min. | | |
| Voice | | Fax / Data |
| Peak hours\*\* | Off-peak hours\*\* |
| 0 | 2.85 | 2.07 | 4.08 |
| 1 | 3.07 | 2.29 | 4.14 |
| 2 | 3.63 | 2.40 | 4.27 |

Fleet F33 (MPDS): 7.49 SDR/Mbit.

b) Mobile-to-mobile

|  |  |  |
| --- | --- | --- |
| Services | SDR/min. | |
| Voice | Fax / Data |
| Fleet 33 to Inmarsat–B | 6.64 | 9.27 |
| Fleet 33 to Inmarsat–B (HSD) | 16.86 | 18.67 |
| Fleet 33 to Inmarsat–M | 6.64 | 9.27 |
| Fleet 33 to Inmarsat–Mini-M/GAN/F77/F55/F33 | 6.64 | 9.27 |
| Fleet 33 to GAN/F77/F55 (ISDN) | 10.94 | 13.85 |
| Fleet 33 to Iridium | 10.01 | 11.08 |
| Fleet 33 to BGAN | 4.58 | 6.18 |
| Fleet 33 to FB | 4.58 | 6.18 |
| Fleet 33 to BGAN (ISDN) | 10.34 | 12.55 |
| Fleet 33 to FB (ISDN) | 10.34 | 12.55 |

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\* See note **CS**15.  
\*\* See note **CS**16.

**CS**10 **Inmarsat–BGAN** (per blocks of 15 seconds)

Charges applicable in the maritime mobile-satellite service via SENTOSA and BUKIT TIMAH coast earth stations.

a) Shore-to-mobile

|  |  |  |
| --- | --- | --- |
| Services | SDR/min. | |
| **Voice** | **ISDN** |
| Fixed v/f/d\* | 0.67 | – |
| Cellular v/f/d\* | 0.87 | – |
| ISDN | – | 4.67 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| Services | SDR/min. |
| Voice (Mobile to Fixed) | 0.72 |
| Voice (Mobile to Cellular) | 0.94 |
| Voicemail | 0.58 |
| BGAN Voice | 0.55 |
| FleetBroadband Voice | 0.55 |
| SwiftBroadband Voice | 0.55 |
| Inmarsat–B v/f/d | 2.46 |
| Inmarsat–M v/f/d | 2.10 |
| Inmarsat–Mini-M v/f/d | 1.81 |
| Inmarsat GAN/Fleet/Swift Voice | 1.81 |
| Inmarsat Aero Voice | 3.54 |
| Inmarsat Satellite Phone Service (SPS) Voice | 1.45 |
| Inmarsat IsatPhone Pro (GSPS) Voice | 0.55 |
| Iridium Voice | 7.95 |
| Globalstar Voice | 5.78 |
| Thuraya Voice | 3.61 |
| Other MSS Carriers | 4.99 |
| SMS | 0.36 per SMS |
| Standard IP | 5.78 per MB |
| 32kbps Streaming IP | 2.60 |
| 64kbps Streaming IP | 4.99 |
| 128kbps Streaming IP | 8.67 |
| 176kbps Streaming IP | 12.29 |
| 256kbps Streaming IP | 14.96 |
| X-Stream Streaming IP | 20.96 |
| BGAN HRD Half Channel/64K | 14.96 |
| BGAN HRD Half Channel Symmetric | 20.24 |
| BGAN HRD Full Channel/64K | 23.13 |
| BGAN HRD Full Channel Symmetric | 27.47 |
| ISDN / 3.5 kHz Audio | 5.06 |
| Inmarsat–B (HSD) | 11.56 |
| FleetBroadband ISDN | 5.06 |
| BGAN ISDN | 5.06 |
| Inmarsat GAN/Fleet/Swift HSD | 11.56 |
| Inmarsat Satellite Phone Service (SPS) ISDN | 11.56 |
| Inmarsat IsatPhone Pro (GSPS) ISDN | 11.56 |
| Iridium ISDN | 11.56 |
| Globalstar ISDN | 11.56 |
| Thuraya ISDN | 11.56 |
| Other MSS Carriers ISDN | 11.56 |
| Inmarsat–B v/f/d ISDN | 11.56 |
| Inmarsat–M v/f/d ISDN | 11.56 |
| Inmarsat–Mini-M v/f/d ISDN | 11.56 |
| Inmarsat GAN/Fleet Voice ISDN | 11.56 |
| Aero Voice ISDN | 11.56 |
| SwiftBroadband ISDN | 5.06 |

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\* See note **CS**15.

**CS**11 **Inmarsat–FleetBroadband** (per blocks of 15 seconds)

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

a) Shore-to-mobile

|  |  |  |
| --- | --- | --- |
| Services | SDR/min. | |
| **Voice** | **ISDN** |
| Fixed v/f/d\* | 0.67 | – |
| Cellular v/f/d\* | 0.87 | – |
| ISDN | – | 4.20 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| Services | SDR |
| Monthly Subscription fee | 291.– |
| Monthly Inbundle MB Allowance | 20.– |

|  |  |
| --- | --- |
| Services | SDR/min. |
| Voice (Mobile to Fixed) | 0.71 |
| Voice (Mobile to Cellular) | 0.71 |
| Inmarsat FB Voice | 0.78 |
| BGAN Voice | 0.64 |
| SwiftBroadband Voice | 0.64 |
| Aero Voice | 3.25 |
| Inmarsat–B v/f/d | 2.24 |
| Inmarsat–M v/f/d | 1.88 |
| Inmarsat–Mini-M v/f/d | 1.66 |
| Inmarsat GAN/Fleet | 1.66 |
| Globalstar Voice | 5.18 |
| Iridium Voice | 7.11 |
| Thuraya Voice | 3.25 |
| Inmarsat Satellite Phone Voice (SPS) | 1.30 |
| Inmarsat IsatPhone Pro (GSPS) | 0.51 |
| Other MSS Carriers Voice | 4.48 |
| Voicemail | 0.56 |
| SMS | 0.36 per SMS |
| Standard IP | 14.07 per MB |
| ISDN (Mobile to Fixed) | 4.55 |
| Inmarsat–B HSD | 10.19 |
| Inmarsat GAN/Fleet HSD (ISDN) | 10.19 |
| Inmarsat FB ISDN | 4.55 |

*(continued)*

*(cont.)*

|  |  |
| --- | --- |
| Services | SDR/min. |
| BGAN ISDN | 4.55 |
| Iridium ISDN | 10.19 |
| Globalstar ISDN | 10.19 |
| Thuraya ISDN | 10.19 |
| Inmarsat Satellite Phone Voice (SPS) | 1.30 |
| Inmarsat IsatPhone Pro (GSPS) | 0.51 |
| Other MSS Carriers ISDN | 10.19 |
| Inmarsat–B v/f/d ISDN | 10.19 |
| Inmarsat–M v/f/d ISDN | 10.19 |
| Inmarsat–Mini-M v/f/d ISDN | 10.19 |
| Inmarsat GAN/Fleet ISDN | 10.19 |
| Aero Voice ISDN | 10.19 |
| SwiftBroadband Voice ISDN | 4.55 |
| IP Streaming 8 | 0.51 |
| IP Streaming 16 | 1.01 |
| IP Streaming 24 | 1.66 |
| IP Streaming 32 | 3.25 |
| IP Streaming 64 | 4.55 |
| IP Streaming 128 | 13.01 |
| IP Streaming 256 | 26.02 |

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\* See note **CS**15.

**CS**12 **Inmarsat–Small Vessel Plan** (per blocks of 15 seconds)

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

a) Shore-to-mobile

|  |  |
| --- | --- |
| Services | SDR/min. |
| **Voice** |
| Fixed v/f/d\* | 0.67 |
| Cellular v/f/d\* | 0.87 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| Services | SDR |
| Monthly Subscription fee | 69.– |
| Monthly Inbundle MB Allowance | 5.– |

|  |  |
| --- | --- |
| Services | SDR/min. |
| Voice (Mobile to Fixed) | 0.42 |
| Voice (Mobile to Cellular) | 0.59 |
| Inmarsat FB Voice | 0.42 |
| BGAN Voice | 0.42 |
| SwiftBroadband Voice | 0.42 |
| Aero Voice | 2.72 |
| Inmarsat–B v/f/d | 1.89 |
| Inmarsat–M v/f/d | 1.61 |
| Inmarsat–Mini-M v/f/d | 1.39 |
| Inmarsat GAN/Fleet | 1.39 |
| Globalstar Voice | 4.45 |
| Iridium Voice | 6.12 |
| Thuraya Voice | 2.78 |
| Inmarsat Satellite Phone Voice (SPS) | 1.11 |
| Inmarsat IsatPhone Pro (GSPS) | 0.42 |
| Other MSS Carriers Voice | 3.84 |
| Voicemail | 0.42 |
| SMS | 0.28 per SMS |
| Standard IP | 13.34 per MB |
| ISDN (Mobile to Fixed) | 1.95 |
| Inmarsat–B HSD | 8.90 |
| Inmarsat GAN/Fleet HSD (ISDN) | 8.90 |
| Inmarsat FB ISDN | 3.89 |
| BGAN ISDN | 3.89 |
| Iridium ISDN | 8.90 |
| Globalstar ISDN | 8.90 |
| Thuraya ISDN | 8.90 |
| Inmarsat Satellite Phone Voice (SPS) | 1.11 |
| Inmarsat IsatPhone Pro (GSPS) | 0.42 |
| Other MSS Carriers ISDN | 8.90 |

*(continued)*

*(cont.)*

|  |  |
| --- | --- |
| Services | SDR/min. |
| Inmarsat–B v/f/d ISDN | 8.90 |
| Inmarsat–M v/f/d ISDN | 8.90 |
| Inmarsat–Mini-M v/f/d ISDN | 8.90 |
| Inmarsat GAN/Fleet Voice ISDN | 8.90 |
| Aero Voice ISDN | 8.90 |
| SwiftBroadband Voice ISDN | 3.89 |
| IP Streaming 8 | – |
| IP Streaming 16 | – |
| IP Streaming 24 | – |
| IP Streaming 32 | – |
| IP Streaming 64 | – |
| IP Streaming 128 | – |
| IP Streaming 256 | – |

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

Notes:

1) SQT is not available on the new Small Vessel Plans hence SingTel InTouch Cards are not allowed to be sold or used on the Small Vessel Plan.

2) Streaming IP services are not available for the Small Vessel Plans.

3) Small Vessel Plan cannot be deployed for MVSAT backup.

4) Small Vessel Plan cannot be deployed on a vessel greater than 300 GWT.

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

\* See note **CS**15.

**CS**13 **Inmarsat–Isatphone Pro** (per blocks of 15 seconds)

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

a) Shore-to-mobile

|  |  |
| --- | --- |
| Services | SDR/min. |
| **Voice** |
| Fixed v/f/d\* | 0.67 |
| Cellular v/f/d\* | 0.87 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| Services | SDR |
| Monthly Subscription fee | 28.19 |
| Monthly MB Allowance | 10.– |

|  |  |
| --- | --- |
| Services | SDR/min. |
| Fixed v/f/d | 0.65 |
| Cellular v/f/d | 0.78 |
| Voicemail | 0.65 |
| SMS | 0.33 per SMS |
| BGAN Voice | 0.72 |
| FleetBroadband Voice | 0.72 |
| SwiftBroadband Voice | 0.72 |
| GSPS or SPS Voice | 0.81 |
| Inmarsat–B v/f/d | 2.46 |
| Inmarsat–M v/f/d | 2.10 |
| Inmarsat–Mini-M v/f/d | 1.81 |
| Inmarsat GAN/Fleet/Swift Voice | 1.81 |
| Inmarsat Aero Voice | 3.54 |
| Iridium Voice | 7.95 |
| Globalstar Voice | 5.78 |
| Thuraya Voice | 3.61 |
| Other MSS Carriers | 4.99 |

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

\* See note **CS**15.

**CS**14 **Iridium Plan** (per blocks of 20 seconds)

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

a) Shore-to-mobile

|  |  |
| --- | --- |
| Services | SDR/min. |
| **Voice** |
| Fixed v/f/d\* | 0.67 |
| Cellular v/f/d\* | 0.87 |

b) Mobile-to-shore

|  |  |
| --- | --- |
| Services | SDR/min. |
| Iridium - PSTN Data | 1.05 |
| Iridium - PSTN Voice | 1.05 |
| Iridium - PSTN (Direct Internet) | 1.05 |
| Iridium - Iridium Data | 1.05 |
| Iridium - Iridium Voice | 0.69 |
| Iridium - SMS | 0.36 per SMS |
| Iridium - Personal Mailbox Access | 0.60 |
| PSTN - Iridium 2Stage Dialing Data | 1.44 |
| PSTN - Iridium 2Stage Dialing Voice | 1.44 |
| Iridium - Other Satellite Data | 9.47 |
| Iridium - Other Satellite Voice | 9.47 |
| MRC\*\* | Monthly 34.69 |

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

\* See note **CS**15.  
\*\* See note **CS**16.

**CS**15 **Composition of destination zones**

a) Voice/Fax/Data (Inmarsat–B/C/M/Mini-M/Fleet)

|  |  |
| --- | --- |
| Band | Destinations |
| 0 | AFS, ALS, ARS, AUS, AUT, B, BAH, BEL, BER, BHR, BIH, Bophuthatswana, BRU, BUL, CAN, CHN, CHR, CNR, CYP, CZE, D, DNK, E, F, FIN, G, GRC, GUM, HKG, HOL, HRV, HWA, I, ICO, IND, INS, IRL, IRN, ISL, ISR, J, KOR, LBR, LUX, MCO, MDW, MEX, MKD, MLA, MLT, MNE, NOR, NZL, PHL, PNG, PNR, POL, POR, PTR, ROU, RUS (except Astelit, Kriljon, Vostoktelecom), S, SMR, SNG, SRB, SUI, SVN, Taiwan (Province of China), THA, TUR, UAE, UKR, USA, WAK |
| 1 | BLR, BRM, CBG, CHL, CLN, CTR, CUB, EGY, EST, FRO, GRL, HNG, JOR, KRE, LAO, MAC, MAU, MDR, MLD, MNG, MRT, NFK, PAK, QAT (Doha), REU, SVK, VTN |
| 2 | Other countries (including BGD) |

b) Telex (Inmarsat–B/C)

|  |  |
| --- | --- |
| Band | Destinations |
| 0 | AFS, AUS, AUT, BEL, Bophuthatswana, BRU, BUL, CAN, CHN, CHR, CLN, CYP, D, DNK, F, FIN, G, GRC, HKG, HOL, HRV, HWA, I, ICO, IRL, ISL, KOR, LUX, MCO, MDW, MLA, MLT, NOR, NZL, POL, RUS (except Astelit, Kriljon, Vostoktelecom), S, SMR, SNG, SVK, SVN, THA, TUR, UAE, UKR, USA, WAK |
| 1 | B, BER, BLR, BRM, CNR, E, EST, FRO, GRL, HNG, IND, INS, J, KRE, MAC, MAU, MRT, NFK, PHL, POR, QAT (Doha), REU, SUI, Taiwan (Province of China), VTN |
| 2 | Other countries |

**CS**16 Peak and off peak hours

Inmarsat–B/Fleet (voice only)

|  |  |  |
| --- | --- | --- |
| Ocean Region | Peak hours (UTC) | Off-peak hours (UTC) |
| POR | 0301 – 1859 | 1900 – 0300 |
| IOR | 0301 – 1859 | 1900 – 0300 |
| AORE | 0601 – 2159 | 2200 – 0600 |
| AORW | 0701 – 2259 | 2300 – 0700 |

**CS**17 Inmarsat-B/C/M/Mini-M/M4/Fleet77/Fleet33/Fleetbroadband/SmallVessel/Isatphone Pro/Iridium.

List of Ship Stations and Maritime Mobile   
Service Identity Assignments  
(List V)  
Edition of 2015  
  
Section VI

**REP**

**US11** Airbus DS SatCom Government, Inc., 2550 Wasser Terrace, Suite 6000,

Herndon, VA 21701, United States.

*Contact Person: Julie Wilhelmi, Manager, Contracts and Procurement,*

*Tel: +1 703 466 5868, E-mail:* [*julie.wilhelmi@astrium.eads-na.com*](mailto:julie.wilhelmi@astrium.eads-na.com)

List of International  
Monitoring Stations  
(List VIII)  
Edition of 2013

(Amendment No. 9)

**PART I**

**STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES**

**RUS Russian Federation**

**P** 333 and 335 **ADD by alphabetical order**

|  |  |  |  |
| --- | --- | --- | --- |
| **RUS - Russian Federation** | | | |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Federal State Unitary Enterprise  General Radio Frequency Centre | Building 15 7, Derbenevskaya Embankment 117997 Moscow | TF : +7 495 7481448 FAX : +7 495 7480680 EMAIL : int@grfc.ru |  |

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| Nyagan | Highway, Building 1 14 Unyugan village Khanty-Mansiisk autonomous district-Yugra 628181 Nyagan Tyumen Region Russian Federation | TF : +7 346 7261332 FAX : +7 346 7266939 EMAIL : a.anisimov@urfc.ru |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| 56°46'10''N 061°02'20''E | Frequency measurements | 1 MHz - 30 MHz | H24 | Accuracy of measurements: ± 1 Hz (absolute value). |
| 56°46'10''N 061°02'20''E | Field strength or power flux-density measurements | 1 MHz - 30 MHz | H24 | Measurement range: 10-120 dBμV/m.  Accuracy of measurements: ± 3 dB. |
| 56°46'10''N 061°02'20''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 10 kHz to 100 kHz - two magnetic dipoles - multiturn frames with ferrite cores, active length of antenna not less than 1.5 m. Vertical polarization. |

*(cont.)*

**RUS - Russian Federation** *(cont.)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| *Cont.* |  |  |  |  |
| 56°46'10''N 061°02'20''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 100 kHz to 1 MHz - two magnetic dipoles - three-turn frames with diameter 3 m, active length of antenna not less than 1.5 m. Vertical polarization.  Antenna system with frequency range from 1 MHz to 30 MHz - 17 antennas based on vertical asymmetrical volumetric dipoles with a height of 11.2 m. Vertical polarization. |
| 56°46'10''N 061°02'20''E | Bandwidth measurements | 1 MHz - 30 MHz | H24 | x dB method according to ITU‑R Recommendation SM.443-4. |
| 56°46'10''N 061°02'20''E | Automatic spectrum occupancy surveys | 10 kHz - 30 MHz | H24 | Automatic measurement of spectrum occupancy in accordance with ITU-R Recommendation SM.1880 and ITU Handbook on Spectrum Monitoring. |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| Samara | Pridorozhnyi village 443047 Volgian district Samara Region Russian Federation | TF : +7 846 2696513 FAX : +7 846 2696514 EMAIL : strk@rfc63.su |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| 53°05'00''N 050°10'26''E | Frequency measurements | 1 MHz - 30 MHz | H24 | Accuracy of measurements: ± 1 Hz (absolute value). |
| 53°05'00''N 050°10'26''E | Field strength or power flux-density measurements | 1 MHz - 30 MHz | H24 | Measurement range: 10-120 dBμV/m.  Accuracy of measurements: ± 3 dB. |
| 53°05'00''N 050°10'26''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 10 kHz to 100 kHz - two magnetic dipoles - multiturn frames with ferrite cores, active length of antenna not less than 1.5 m. Vertical polarization. |

*(cont.)*

**RUS - Russian Federation** *(cont.)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| *Cont.* |  |  |  |  |
| 53°05'00''N 050°10'26''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 100 kHz to 1 MHz - two magnetic dipoles - three-turn frames with diameter 3 m, active length of antenna not less than 1.5 m. Vertical polarization.  Antenna system with frequency range from 1 MHz to 30 MHz - 17 antennas based on vertical asymmetrical volumetric dipoles with a height of 11.2 m. Vertical polarization. |
| 53°05'00''N 050°10'26''E | Bandwidth measurements | 1 MHz - 30 MHz | H24 | x dB method according to ITU‑R Recommendation SM.443‑4. |
| 53°05'00''N 050°10'26''E | Automatic spectrum occupancy surveys | 10 kHz - 30 MHz | H24 | Automatic measurement of spectrum occupancy in accordance with ITU-R Recommendation SM.1880 and ITU Handbook on Spectrum Monitoring. |

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| Verhneye Dubrovo | 15, Tekhnicheskaya street Verkhneye Dubrovo urban-type settlement 624053 Beloyarskyi district Sverdlovsk Region Russian Federation | TF : +7 343 2160228 FAX : +7 343 2160093 EMAIL : a.chaschin@urfc.ru |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| 56°46'10''N 061°02'20''E | Frequency measurements | 1 MHz - 30 MHz | H24 | Accuracy of measurements: ± 1 Hz (absolute value). |
| 56°46'10''N 061°02'20''E | Field strength or power flux-density measurements | 1 MHz - 30 MHz | H24 | Measurement range: 10-120 dBμV/m.  Accuracy of measurements: ± 3 dB. |
| 56°46'10''N 061°02'20''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 10 kHz to 100 kHz - two magnetic dipoles - multiturn frames with ferrite cores, active length of antenna not less than 0.5 m. Vertical polarization. |

*(cont.)*

**RUS - Russian Federation** *(cont.)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service** | **Remarks** |
| *Cont.* |  |  |  |  |
| 56°46'10''N 061°02'20''E | Direction-finding measurements | 10 kHz - 30 MHz | H24 | Antenna system with frequency range from 100 kHz to 1 MHz - two magnetic dipoles - three-turn frames with diameter 3 m, active length of antenna not less than 1.5 m. Vertical polarization.  Antenna system with frequency range from 1 MHz to 30 MHz - 17 antennas based on vertical asymmetrical volumetric dipoles with a height of 11.2 m. Vertical polarization. |
| 56°46'10''N 061°02'20''E | Bandwidth measurements | 1 MHz - 30 MHz | H24 | x dB method according to ITU‑R Recommendation SM.443-4. |
| 56°46'10''N 061°02'20''E | Automatic spectrum occupancy surveys | 10 kHz - 30 MHz | H24 | Automatic measurement of spectrum occupancy in accordance with ITU-R Recommendation SM.1880 and ITU Handbook on Spectrum Monitoring. |

List of Issuer Identifier Numbers for  
the International Telecommunication Charge Card   
(in accordance with Recommendation ITU-T E.118 (05/2006))  
(Position on 15 November 2013)

(Annex to ITU Operational Bulletin No. 1040 – 15.XI.2013)  
(Amendment No.29)

**Germany** **LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Germany | **Deutsche Telekom AG**  Friedrich-Ebert-Allee 140  53113 BONN | **89 49 01** | Mr. Benjamin Böling  Deutsche Telekom Technik GmbH  Nummerierungsmanagement  Strategie und Konzeption  Godesberger Allee 99  53175 BONN  Tel: +49 228 181 64514  E-mail: benjamin.boeling@telekom.de |

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Germany | **Deutsche Telekom AG**  Friedrich-Ebert-Allee 140  53113 BONN | **89 49 02** | Mr. Benjamin Böling  Deutsche Telekom Technik GmbH  Nummerierungsmanagement  Strategie und Konzeption  Godesberger Allee 99  53175 BONN  Tel: +49 228 181 64514  E-mail: benjamin.boeling@telekom.de |

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Germany | **Deutsche Telekom AG**  Friedrich-Ebert-Allee 140  53113 BONN | **89 49 03** | Mr. Benjamin Böling  Deutsche Telekom Technik GmbH  Nummerierungsmanagement  Strategie und Konzeption  Godesberger Allee 99  53175 BONN  Tel: +49 228 181 64514  E-mail: benjamin.boeling@telekom.de |

Mobile Network Codes (MNC) for the international identification plan   
for public networks and subscriptions  
(According to Recommendation ITU-T E.212 (05/2008))  
(Position on 15 July 2014)

(Annex to ITU Operational Bulletin No. 1056 - 15.VII.2014)

(Amendment No. 24)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Belize SUP** |  |  |
| 702 68 | International Telecommunications Ltd. (INTELCO) |
| **Belize ADD** |  |  |
| 702 69 | SMART/Speednet Communications Ltd. |
| **Greenland ADD** |  |  |
| 290 02 | inu:it a/s |

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

\* 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

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. 14)

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

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

|  |  |  |
| --- | --- | --- |
| ***Germany (Federal Republic of) / DEU*** |  |  |
| VoipConnection Communications GmbH | **AISGER** | Mr. Christian Sohn |
| Kleinhuelsen 42 |  | Tel.: +49 2103 5877 190 |
| 40721 HILDEN |  | Fax: +49 2103 5877 310 |
|  |  | E-mail: christian.sohn@voipconnection.de |

|  |  |  |
| --- | --- | --- |
| ***Germany (Federal Republic of) / DEU*** |  |  |
| Stadtwerke Marburg GmbH | **SWMR** | Mr. Markus Scholz |
| Am Krekel 55 |  | Tel.: +49 6421 205 714 |
| 35039 MARBURG |  | Fax: +49 6421 205 300 |
|  |  | E-mail: markus.scholz@swmr.de |

***Luxembourg / LUX* LIR**

|  |  |  |
| --- | --- | --- |
| ***Luxembourg / LUX*** |  |  |
| Cegecom S.A. | **CGCOM** | Mr. Georges Muller |
| 3, rue Jean Piret |  | Tel.: +352 26 499 403 |
| B.P. 2708 |  | Fax: +352 26 499 699 |
| L-1027 Luxembourg |  | E-mail: georges.muller@artelis.net |

List of Signalling Area/Network Codes (SANC)  
(Complement to Recommendation ITU-T Q.708 (03/1999))  
(Position on 15 December 2014)

(Annex to ITU Operational Bulletin No. 1066 – 15.XII.2014)  
(Amendment No. 8)

|  |  |  |
| --- | --- | --- |
| **Numerical order ADD** | | |
|  | 5-215 | Cyprus (Republic of) |

|  |  |  |
| --- | --- | --- |
| **Alphabetical order ADD** | | |
|  | 5-215 | Cyprus (Republic of) |

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

SANC: Signalling Area/Network Code.

Code de zone/réseau sémaphore (CZRS).

Código de zona/red de señalización (CZRS).

List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 January 2015)

(Annex to ITU Operational Bulletin No. 1067 – 1.I.2015)  
(Amendment No. 15)

|  |  |  |  |
| --- | --- | --- | --- |
| Country/ Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Albania SUP** | | | |
| 2-152-2 | 5314 | GMSC – Tirana 1 | Vodafone Albania |
| 2-152-5 | 5317 | GMSC – Tirana 2 | Vodafone Albania |
| 4-227-4 | 10012 | Mobik | MOBIK |
| 4-227-6 | 10014 | N&S Telecom | N&S TELECOM |
| **Albania ADD** | | | |
| 7-219-0 | 16088 | PEGASUS ALBANIA | Pegasus Communications Sh.p.k. |
| 7-219-1 | 16089 | Alb.Tel.Partner | Albanian Telecommunication Partners sh.p.k |
| 7-219-2 | 16090 | PROTON Communication | Proton Communication Sh.p.k |
| 7-219-3 | 16091 | Abronet Albania | ABRONET Sh.p.k |
| 7-219-4 | 16092 | UNIFI Albania | UNIFI Holdings INC Dega në Shqiperi |
| **Cyprus LIR** | | | |
| 2-160-2 | 5378 | GSM, Nicosia, Kennedy | MTN Cyprus Limited |
| 2-160-3 | 5379 | Callsat NIC1, Nicosia | CALLSAT INTERNATIONAL TELECOMMUNICATIONS |
| 2-160-4 | 5380 | GSM, Nicosia, Latsia | MTN Cyprus Limited |
| 2-160-5 | 5381 | ONT/NIC 1, Nicosia | OTENet Telecommunications Ltd. |
| 2-160-6 | 5382 | TWX/LIM1, Limassol | Primetel PLC |
| 2-160-7 | 5383 | OMGTEL-FR | D.S.T. Omega Telecom |
| 3-248-0 | 8128 | TWX/LIM2, Limassol | Primetel PLC |
| 3-248-6 | 8134 | MTNCYMSS1, Nicosia | MTN Cyprus Limited |
| 3-248-7 | 8135 | MTNCYMSS2, Nicosia | MTN Cyprus Limited |
| 5-237-0 | 12136 | MTNCYSTP1, Nicosia | MTN Cyprus Limited |
| 5-237-1 | 12137 | MTNCYSTP2, Nicosia | MTN Cyprus Limited |
| 5-237-2 | 12138 | MTNCYMGW1, Nicosia | MTN Cyprus Limited |
| 5-237-3 | 12139 | MTNCYMGW2, Nicosia | MTN Cyprus Limited |
| 5-237-4 | 12140 | PrimeTelMVNO, Limassol | Primetel PLC |
| 5-237-5 | 12141 | PrimeTelMVNO2, Limassol | Primetel PLC |
| 5-237-6 | 12142 | PrimeTel-FRA1, Limassol | Primetel PLC |
| 5-237-7 | 12143 | PrimeTel-ATH1, Limassol | Primetel PLC |
| 6-231-0 | 14136 | PrimeTel-LON1, Limassol | Primetel PLC |
| **Estonia SUP** | | | |
| 5-230-6 | 12086 | Tallinn | MeraTel OÜ |
| 5-230-7 | 12087 | Tallinn | MeraTel OÜ |
| **Estonia ADD** | | | |
| 5-230-6 | 12086 | Tallinn/E1T | Vivex OÜ |
| 5-230-7 | 12087 | Prague/E1P | Vivex OÜ |
| **Georgia SUP** | | | |
| 2-208-6 | 5766 | Tbilisi | Saktelcom Plus Ltd |
| 2-208-7 | 5767 | … | Tesaco Ltd |
| 2-213-0 | 5800 | … | Macrocom Ltd |
| 2-213-4 | 5804 | … | Infotel Ltd |
| **Georgia ADD** | | | |
| 2-213-5 | 5805 | Tbilisi, International Exchange | Global 1 JSC |
| 5-233-7 | 12111 | Tbilisi, Mobile Switching Centre | Magticom Ltd |
| **Georgia LIR** | | | |
| 2-208-0 | 5760 | Tbilisi, International Exchange | Magticom Ltd |
| 2-208-1 | 5761 | Tbilisi, International Exchange | System Net Ltd |
| 2-208-4 | 5764 | Tbilisi, Mobile Switching Centre | Geocell Ltd |
| 2-208-5 | 5765 | Tbilisi, International Exchange | My phone Ltd |
| 2-213-1 | 5801 | Tbilisi, International Exchange | Caucasus Online Ltd |
| 2-213-2 | 5802 | Rustavi, PSTN Switch | Central Georgian Communications Co. Ltd. |
| 2-213-3 | 5803 | Tbilisi, International Exchange | Silknet JSC |
| 2-213-6 | 5806 | Tbilisi, International Exchange | Caucasus Online Ltd |
| 2-213-7 | 5807 | Tbilisi, PSTN Switch | Caucasus Digital Ntework Ltd |
| 3-246-0 | 8112 | Tbilisi, Mobile Switching Centre | Jodo telecommunications LTD |
| 3-246-1 | 8113 | Tbilisi, International Exchange | GoodWillComm Ltd |
| 3-246-2 | 8114 | Tbilisi, International Exchange | Service Net Ltd |
| 3-246-3 | 8115 | Tbilisi, International Exchange | Black Sea Telecom Ltd |
| 3-246-4 | 8116 | Tbilisi, Mobile Switching Centre | Mobitel Ltd |
| 3-246-5 | 8117 | Tbilisi, International Exchange | Warid Telecom Georgia Ltd |
| 3-246-6 | 8118 | Tbilisi, International Exchange | Silknet JSC |
| 3-246-7 | 8119 | Tbilisi, International Exchange | Alex Development Georgia Ltd |
| 5-233-0 | 12104 | Tbilisi, Mobile Switching Centre | Gmobile LTD |
| 5-233-1 | 12105 | Tbilisi, Mobile Switching Centre | Silknet JSC |
| 5-233-2 | 12106 | Tbilisi, Mobile Switching Centre | Geocell Ltd |
| 5-233-3 | 12107 | Tbilisi, Mobile Switching Centre | Mobitel Ltd |
| 5-233-4 | 12108 | Tbilisi, PSTN Switch | Akhali Kselebi Ltd |
| 5-233-5 | 12109 | Tbilisi, PSTN Switch | Akhteli Ltd |
| 5-233-6 | 12110 | Tbilisi, International Exchange | System Net Ltd |

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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 1.VIII.2015 the following countries have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country* | *Country Code (CC)* |
| Barbados | +1 246 |
| Tanzania | +255 |