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| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| Place des Nations CH-1211  Genève 20 (Switzerland)  Tel: +41 22 730 5111  **E-mail: itumail@itu.int** | | **Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail:** [**brmail@itu.int**](mailto:brmail@itu.int) |

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| 1200 | 15.VII.2020 | 1.VII.2020 |
| 1201 | 1.VIII.2020 | 15.VII.2020 |
| 1202 | 15.VIII.2020 | 31.VII.2020 |
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| 1204 | 15.IX.2020 | 1.IX.2020 |
| 1205 | 1.X.2020 | 15.IX.2020 |
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| 1210 | 15.XII.2020 | 1.XII.2020 |
| 1211 | 1.I.2021 | 11.XII.2020 |

# GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

**Note from TSB**

A. The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

1162 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)

1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)

1154 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 15 August 2018)

1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (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)

1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 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.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)) (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 (03/98)) (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

Bureaufax Table (ITU-T Rec. F.170) www.itu.int/ITU-T/inr/bureaufax/index.html

List of recognized operating agencies (ROAs) [www.itu.int/ITU-T/inr/roa/index.html](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval of ITU-T Recommendations

By AAP-71, 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 F.740.1 (11/2019): Requirements for an information service of objects in museums

– ITU-T F.743 (V2) (11/2019): Requirements and service description for visual surveillance

– ITU-T F.743.10 (11/2019): Requirements for mobile edge computing enabled content delivery networks

– ITU-T F.749.11 (11/2019): Requirements of civilian unmanned aerial vehicles enabled mobile edge computing

– ITU-T G.9701 (2019) Cor. 1 (11/2019)

– ITU-T G.9701 (2019) Amd. 1 (11/2019)

– ITU-T H.222.0 (2018) Amd. 1 (11/2019): Carriage of JPEG XS in MPEG-2 TS

– ITU-T H.222.0 (2018) Cor. 1 (11/2019): Correction of stream\_type value

– ITU-T H.265 (V7) (11/2019): High efficiency video coding

– ITU-T H.430.4 (11/2019): Service configuration, media transport protocols, signalling information of MMT for Immersive Live Experience (ILE) systems

– ITU-T H.626 (V2) (11/2019): Architectural requirements for visual surveillance

– ITU-T H.629.1 (11/2019): Scenarios, framework and metadata for digitalized artwork images display system

– ITU-T H.644.2 (11/2019): Virtual content delivery network: Network virtualization

– ITU-T H.753 (11/2019): Scene-based metadata for IPTV services

– ITU-T H.764 V2 (11/2019): IPTV services enhanced script language

– ITU-T H.810 (V5) (11/2019): Interoperability design guidelines for personal connected health systems: Introduction

– ITU-T H.813 (11/2019): Interoperability design guidelines for personal connected health systems: Healthcare Information System interface

– ITU-T H.830.15 (11/2019): Conformance of ITU-T H.810 personal health system: Services interface Part 15: FHIR Observation Upload: Health & Fitness Service sender

– ITU-T H.842 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 2: Optimized Exchange Protocol: Personal Health Gateway

– ITU-T H.844 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 4: Continua Design Guidelines: Personal Health Gateway

– ITU-T H.845.17 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5Q: Power status monitor

– ITU-T H.846 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 6: Personal Health Gateway

– ITU-T H.850 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10: Transcoding for Bluetooth Low Energy: Personal Health Gateway - General requirements

– ITU-T H.850.6 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10F: Transcoding for Bluetooth Low Energy: Personal Health Gateway - Pulse oximeter

– ITU-T H.850.7 (11/2019): Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 10G: Transcoding for Bluetooth Low Energy: Personal Health Gateway – Continuous glucose monitoring

– ITU-T H.862.0 (11/2019): Requirements and framework for ICT sleep management service models

– ITU-T X.1401 (11/2019): Security threats of distributed ledger technology

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

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

**Denmark** **(country code +45)**

Communication of 19.XI.2019:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

• Assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Uni-tel A/S | 5458efgh | 19.XI.2019 |

• Assignment – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Uni-tel A/S | 3820efgh | 19.XI.2019 |

Contact:

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**Gambia** **(country code +220)**

Communication of 26.XI.2019:

The *Gambia Public Utilities Regulatory Authority (PURA),* Serrekunda, announces the following updated National Numbering Plan (NNP) for The Gambia.

| *Usage* | *Service* | *1st Digit B* | *2nd Digit P* | *3rd Digit Q* | *Other Digits MCDU* | *Remarks* |
| --- | --- | --- | --- | --- | --- | --- |
| International access | International access | 0 | X | X | XXXX |  |
| Short codes | Special services | 1 | X | X | XXXX |  |
| AFRICELL | MOBILE | 2 | X | X | XXXX |  |
| QCELL | MOBILE | 3 | X | X | XXXX |  |
| GAMTEL | PSTN | 4 | X | X | XXXX |  |
| QCELL  QCELL  QCELL  QCELL  GAMTEL  GAMTEL  QCELL  QCELL | MOBILE  MOBLIE  MOBILE  MOBILE  PSTN  PSTN  MOBILE  MOBILE | 5  5  5  5  5  5  5  5 | 0  1  2  3  6  7  8  9 | X  X  X  X  X  X  X  X | XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX |  |
| COMIUM | MOBILE | 6 | X | X | XXXX |  |
| AFRICELL | MOBILE | 7 | X | X | XXXX |  |
| GAMTEL | CDMA  Fixed/wireless | 8 | X | X | XXXX |  |
| GAMCEL | MOBILE | 9 | X | X | XXXX |  |

Fixed service

| *Locality* | *Current number series* | *Number length* | *Operator* |
| --- | --- | --- | --- |
| BAJA KUNDA | 566 XXXX | seven digits | GAMTEL |
| BAKAU | 449 XXXX | seven digits | GAMTEL |
| BANJUL | 42X XXXX | seven digits | GAMTEL |
| BANSANG | 567 4XXX | seven digits | GAMTEL |
| BARRA | 571 0XXX | seven digits | GAMTEL |
| BASSE | 566 XXXX | seven digits | GAMTEL |
| BERENDING | 441 95XX | seven digits | GAMTEL |
| BONDALI | 448 0XXX | seven digits | GAMTEL |
| BRIKAMA | 448 XXXX | seven digits | GAMTEL |
| BRIKAMA-BA | 567 8XXX | seven digits | GAMTEL |
| BRUFUT | 441 0XXX | seven digits | GAMTEL |
| BUNDUNG | 43X XXXX | seven digits | GAMTEL |
| BURENG | 554 4XXX | seven digits | GAMTEL |
| BWIAM | 448 9XXX | seven digits | GAMTEL |
| FARABA | 448 7XXX | seven digits | GAMTEL |
| FARAFENNI | 573 5XXX | seven digits | GAMTEL |
| FATOTO | 566 XXXX | seven digits | GAMTEL |
| GAMBISARA | 566 XXXX | seven digits | GAMTEL |
| GEORGETOWN | 567 6XXX | seven digits | GAMTEL |
| GARAWOL | 566 XXXX | seven digits | GAMTEL |
| GUNJUR | 448 6XXX | seven digits | GAMTEL |
| ILIASA | 572 5XXX | seven digits | GAMTEL |
| JAPENEH | 554 3XXX | seven digits | GAMTEL |
| JARENG | 554 7XXX | seven digits | GAMTEL |
| KAFUTA | 448 5XXX | seven digits | GAMTEL |
| KAIAF | 554 0XXX | seven digits | GAMTEL |
| KANILIA | 448 XXXX | seven digits | GAMTEL |
| KARTONG | 441 9XXX | seven digits | GAMTEL |
| KAUR | 574 8XXX | seven digits | GAMTEL |
| KEREWAN | 572 0XXX | seven digits | GAMTEL |
| KOTU | 446 XXXX | seven digits | GAMTEL |
| KUDANG | 554 6XXX | seven digits | GAMTEL |
| KUNTAUR | 566 5XXX | seven digits | GAMTEL |
| KWENELLA | 554 1XXX | seven digits | GAMTEL |
| MISERA | 566 XXXX | seven digits | GAMTEL |
| NDUGUKEBBE | 571 4XXX | seven digits | GAMTEL |
| NGENSANJAL | 573 8XXX | seven digits | GAMTEL |
| NJABAKUNDA | 572 3XXX | seven digits | GAMTEL |
| NUMEYEL | 566 6XXX | seven digits | GAMTEL |
| NYOROJATTABA | 554 2XXX | seven digits | GAMTEL |
| PAKALIBA | 554 5XXX | seven digits | GAMTEL |
| SAMBAKUNDA | 566 XXXX | seven digits | GAMTEL |
| SANYANG | 441 7XXX | seven digits | GAMTEL |
| SENEGAMBIA | 446 XXXX | seven digits | GAMTEL |
| SEREKUNDA | 43X XXXX | seven digits | GAMTEL |
| SIBANOR | 448 8XXX | seven digits | GAMTEL |
| SOMA | 553 XXXX | seven digits | GAMTEL |
| SOTUMA | 567 XXXX | seven digits | GAMTEL |
| SUDOWOL | 566 XXXX | seven digits | GAMTEL |
| TANJI | 441 2XXX | seven digits | GAMTEL |
| TUJERENG | 441 6XXX | seven digits | GAMTEL |
| YUNDUM | 447 XXXX | seven digits | GAMTEL |
| Fixed/Wireless (CDMA) | 8XX XXXX | seven digits | GAMTEL |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Fixed/wireless(Internet) | 4414xxx | Seven digits | GAMTEL |

• Mobile service

| *Service* | *Number series* | *Number length* | *Operator* |
| --- | --- | --- | --- |
| Mobile GSM/3G/4G | 30X XXXX | seven digits | QCELL |
|  | 31X XXXX | seven digits | QCELL |
|  | 32X XXXX | seven digits | QCELL |
|  | 33X XXXX | seven digits | QCELL |
|  | 34X XXXX | seven digits | QCELL |
|  | 35X XXXX | seven digits | QCELL |
|  | 36X XXXX | seven digits | QCELL |
|  | 37X XXXX | seven digits | QCELL |
|  | 38X XXXX | seven digits | QCELL |
|  | 39X XXXX | seven digits | QCELL |
|  | 50X XXXX | seven digits | QCELL |
|  | 51X XXXX | seven digits | QCELL |
|  | 52X XXXX | seven digits | QCELL |
|  | 53X XXXX | seven digits | QCELL |
|  | 58X XXXX | seven digits | QCELL |
|  | 59X XXXX | seven digits | QCELL |
| Mobile GPRS | 60X XXXX | seven digits | COMIUM |
|  | 61X XXXX | seven digits | COMIUM |
|  | 62X XXXX | seven digits | COMIUM |
|  | 63X XXXX | seven digits | COMIUM |
|  | 64X XXXX | seven digits | COMIUM |
|  | 65X XXXX | seven digits | COMIUM |
|  | 66X XXXX | seven digits | COMIUM |
|  | 67X XXXX | seven digits | COMIUM |
|  | 68X XXXX | seven digits | COMIUM |
|  | 69X XXXX | seven digits | COMIUM |
| Mobile GSM/3G/4G | 20X XXXX | seven digits | AFRICELL |
|  | 21X XXXX | seven digits | AFRICELL |
|  | 22X XXXX | seven digits | AFRICELL |
|  | 23X XXXX | seven digits | AFRICELL |
|  | 24X XXXX | seven digits | AFRICELL |
|  | 25X XXXX | seven digits | AFRICELL |
|  | 26X XXXX | seven digits | AFRICELL |
|  | 27X XXXX | seven digits | AFRICELL |
|  | 28X XXXX | seven digits | AFRICELL |
|  | 29X XXXX | seven digits | AFRICELL |
|  | 70X XXXX | seven digits | AFRICELL |
|  | 71X XXXX | seven digits | AFRICELL |
|  | 72X XXXX | seven digits | AFRICELL |
|  | 73X XXXX | seven digits | AFRICELL |
|  | 74X XXXX | seven digits | AFRICELL |
|  | 75X XXXX | seven digits | AFRICELL |
|  | 76X XXXX | seven digits | AFRICELL |
|  | 77X XXXX | seven digits | AFRICELL |
|  | 78X XXXX | seven digits | AFRICELL |
|  | 79X XXXX | seven digits | AFRICELL |
| MOBILE-GSM/3G | 90X XXXX | seven digits | GAMCEL |
|  | 91X XXXX | seven digits | GAMCEL |
|  | 92X XXXX | seven digits | GAMCEL |
|  | 93X XXXX | seven digits | GAMCEL |
|  | 94X XXXX | seven digits | GAMCEL |
|  | 95X XXXX | seven digits | GAMCEL |
|  | 96X XXXX | seven digits | GAMCEL |
|  | 97X XXXX | seven digits | GAMCEL |
|  | 98X XXXX | seven digits | GAMCEL |
|  | 99X XXXX | seven digits | GAMCEL |

International dialling format: +220 XXX XXXX

Communication of 13.XI.2018:

The *Gambia Public Utilities Regulatory Authority (PURA),* Serrekunda, has observed with great concern the usage of Gambian telephone numbers with country code 220 by illegal service providers to indulge into certain malpractices including but not limited to fraud and adult services.

In this vein, PURA, therefore wishes to announce of such malpractices and consequently urges all Operators/Service providers to ensure all numbers dialled with The Gambian Country Code are routed to The Gambia and must not be terminated in any other country**.**

All stakeholdersare thus, kindly requested to instruct their Operators/Service Providers to route all Gambian numbers to Gambia via the international network and not to Premium Rate service providers.

Contact:

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Public Utilities Regulatory Authority (PURA)  
94 Kairaba Avenue  
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URL: www.pura.gm

**Morocco** **(country code +212)**

Communication of 21.XI.2019:

The *Agence Nationale de Réglementation des Télécommunications (ANRT)*, Rabat, announces the following update of the national telephone-numbering plan of Morocco.

• Description of introduction of new resource for national E.164 numbering plan for country code +212:

| ***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*** | ***Additional information*** |
| --- | --- | --- | --- | --- |
| ***Maximum length*** | ***Minimum length*** |
| 5220 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib 1 |
| 5230 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 5231 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 5280 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 52910 | 9 | 9 | Fixed telephone networks | Wana Corporate 2 |
| 52929 | 9 | 9 | Fixed telephone networks | Wana Corporate |
| 5360 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 5364 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 5370 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |
| 5371 | 9 | 9 | Fixed telephone networks | Itissalat Al-Maghrib |

• Description of number change for national ITU-T E.164 numbering plan for country code +212**:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Communicated time and date of change** | **N(S)N** | | **Usage of E.164 number** | **Parallel running** | | **Operator** | **Proposed wording of announcement** |
| **Old number** | **New number** | **Begins** | **Ends** |
| -- | 6920 | 8920 | GMPCS | -- | -- | Al Hourria Telecom3 | -- |
| -- | 6921 | 8921 | GMPCS | -- | -- | Al Hourria Telecom | -- |
| -- | 6922 | 8922 | GMPCS | -- | -- | Al Hourria Telecom | -- |

1: Maroc Telecom

2: INWI

3: GlobalStar North Africa

Contact:

Motiaa Abdelhay  
Agence Nationale de Réglementation des Télécommunications (ANRT)  
Centre d'affaires  
Address: Boulevard Ar-Riad, Hay Riad   
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Morocco  
Tel: +212 5 37 71 85 64  
E-mail: numerotation@anrt.ma   
URL: [www.anrt.ma](http://www.anrt.ma)

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 – 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 2019

(Amendment No. 1)\*

**MNE Montenegro**

**SUP** note AAIC

(Amendment No. 2)

**ROU Romania**

**SUP** note AAIC

(Amendment No. 3)

**GRL Greenland**

Note B **LIR**

B Radiotelegrams

1. Land station charge: 0.09 SDR per word.  
2. Landline charge (binary system):

|  |  |  |
| --- | --- | --- |
|  | **Per radio­telegram SDR** | **Per word SDR** |
| a)  Denmark, Faroe and Greenland | 6.15 | 0.13 |
| b)  Northern Africa, Geographical Europe and parts of Russian Federation | 6.15 | 0.17 |
| c)  Other countries | 6.15 | 0.33 |

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

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

(Amendment No. 4)

**SNG Singapore**

**SUP** **CS**4 and **CS**5

Notes **CS**2, **CS**3, **CS**6 to **CS**12, **CS**14 and **CS**15 **LIR**

**CS**2 **Inmarsat–C/Mini-C**

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

1. Telex and fax

a) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| **SDR/256 bits** | | | |
| **Text to fax** | **Telex** | **Multiple addresses** | |
| **1st address** | **2nd address** |
| 0.20 | 0.20 | 0.20 | 0.06 except DNK FIN G ISL NOR S SNG |

b) Mobile-to-mobile

|  |  |  |
| --- | --- | --- |
| **Services** | **SDR/256 bits** | |
| **Text to fax** | **Telex** |
| Inmarsat–C to Inmarsat–C (POR/IOR) |  | 0.20 |
| Inmarsat–C to Inmarsat–C (AORE/AORW) |  | 0.35 |
| Inmarsat–C to Inmarsat–F77 | 0.63 |  |
| Inmarsat–C to BGAN and FleetBroadband | 0.66 |  |

2. PSDN (mobile-to-shore)

a) Singapore: 0.20SDR/256 bits.

b) Other countries: 0.21 SDR/256 bits.

3. CPLUS charges

a) Shore-to-mobile

– Messaging: 0.19 SDR/256 bits.  
– SafetyNET: 0.10 SDR/256 bits.  
– FleetNET: 0.48 SDR/256 bits.  
– Polling with text: 0.48 SDR/256 bits.  
– Polling without text: 0.24 SDR/poll.

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

Data reporting: 0.04 SDR/packet (landline charges applicable to automatic delivery).

**CS**3 **Inmarsat–Fleet F77** (Charging duration is per block of 15 seconds) and Fleet F77 (ISDN) (per 10 seconds)

Charges applicable in the maritime mobile-satellite service via Burum and Perth coast earth stations.

a) Shore to Mobile

|  |  |  |
| --- | --- | --- |
|  | **SDR/min.** | |
| **Services** | **Voice** | **ISDN** |
| Inmarsat – Fleet (voice) Global | 3.07 |  |
| Inmarsat – Fleet (ISDN) Global |  | 7.08 |

b) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| **SDR/min.** | | | |
| **Voice** | **Fax/Data** | | **ISDN** |
| **All Time** | **2.4 kbps** | **9.6 kbps** |
| 3.73 | 2.30 | 5.35 | 16.35 |

c) Mobile-to-mobile

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Services** | **SDR/min.** | | | | |
| **Voice** | **Fax/Data** | | | **ISDN** |
| **All Time** | **2.4 kbps** | | **9.6 kbps** |
| **Peak hours\*** | **Off-peak hours\*** |
| Fleet 77 to Inmarsat–F77 | 8.71 | 9.45 | 8.18 | 12.17 | 25.29 |
| Fleet 77 to F77 (ISDN) | 14.35 | 15.57 | | 18.17 | 32.34 |
| Fleet 77 to Iridium | 13.13 | 14.24 | | 14.54 | 44.35 |
| Fleet 77 to BGAN | 6.01 | 4.53 | | 8.11 | 21.64 |
| Fleet 77 to FB | 6.01 | 4.53 | | 8.11 | 21.64 |
| Fleet 77 to BGAN (ISDN) | 13.56 | 12.71 | | 16.47 | 33.66 |
| Fleet 77 to FB (ISDN) | 13.56 | 12.71 | | 16.47 | 33.66 |

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

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

a) Shore-to-mobile

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

b) Mobile-to-shore

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

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.73 |
| Voice (Mobile to Cellular) | min. | 0.95 |
| Voicemail | min. | 0.58 |
| BGAN Voice | min. | 0.55 |
| FleetBroadband Voice | min. | 2.19 |
| SwiftBroadband Voice | min. | 0.55 |
| Inmarsat Fleet/Swift Voice | min. | 1.82 |
| Aero Voice | min. | 3.57 |
| Satellite Phone Service (SPS) Voice | min. | 1.46 |
| IsatPhone Pro (GSPS) Voice | min. | 0.55 |
| Iridium Voice | min. | 8.02 |
| Globalstar Voice | min. | 5.84 |
| Thuraya Voice | min. | 3.65 |
| Other MSS Carriers | min. | 5.03 |
| SMS (per SMS) | MSG | 0.36 |
| Standard IP (per MB) | Mbyte | 5.84 |
| 32kbps Streaming IP | min. | 2.63 |
| 64kbps Streaming IP | min. | 5.03 |
| 128kbps Streaming IP | min. | 8.75 |
| 176kbps Streaming IP | min. | 12.40 |
| 256kbps Streaming IP | min. | 15.10 |
| X-Stream Streaming IP | min. | 21.16 |
| BGAN HRD Half Channel/64K | min. | 15.10 |
| BGAN HRD Half Channel Symmetric | min. | 20.43 |
| BGAN HRD Full Channel/64K | min. | 23.34 |
| BGAN HRD Full Channel Symmetric | min. | 27.72 |
| ISDN / 3.5 kHz Audio | min. | 5.11 |
| FleetBroadband ISDN | min. | 5.11 |
| BGAN ISDN | min. | 5.11 |
| Inmarsat Fleet/Swift HSD | min. | 11.67 |
| Satellite Phone Service (SPS) ISDN | min. | 5.11 |
| IsatPhone Pro (GSPS) ISDN | min. | 5.11 |
| Iridium ISDN | min. | 11.67 |
| Globalstar ISDN | min. | 11.67 |
| Thuraya ISDN | min. | 11.67 |
| Other MSS Carriers ISDN | min. | 11.67 |
| Inmarsat Fleet Voice ISDN | min. | 11.67 |
| Aero Voice ISDN | min. | 11.67 |
| SwiftBroadband ISDN | min. | 5.11 |

**CS**7 **Inmarsat–FleetBroadband** (Charging duration is per block of 15 seconds)

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

a) Shore-to-mobile

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

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 314.– |
| Monthly Inbundle MB Allowance | 25.– |

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.71 |
| Voice (Mobile to Cellular) | min. | 0.71 |
| Inm FB voice (Includes FleetOne) | min. | 0.64 |
| BGAN voice | min. | 0.64 |
| SwiftBroadband Voice | min. | 0.64 |
| Aero Voice | min. | 3.28 |
| Inm Fleet | min. | 1.68 |
| Globalstar voice | min. | 5.22 |
| Iridium voice | min. | 7.18 |
| Thuraya voice | min. | 3.28 |
| Inm Satellite Phone voice (SPS) | min. | 1.31 |
| Inm ISATPhone Pro (GSPS) | min. | 0.51 |
| Other MSS carriers voice | min. | 4.52 |
| Voicemail | min. | 0.57 |
| FleetXpress / Global Xpress | min. | 0.77 |
| SMS | sms | 0.36 |
| Standard IP | MB | 17.75 |
| ISDN (Mobile to Fixed) | min. | 4.60 |
| Inm Fleet HSD (ISDN) | min. | 10.29 |
| Inm FB ISDN | min. | 4.60 |
| BGAN ISDN | min. | 4.60 |
| Iridium ISDN | min. | 10.29 |
| Globalstar ISDN | min. | 10.29 |
| Thuraya ISDN | min. | 10.29 |
| Inm Satellite Phone voice (SPS) | min. | 4.60 |
| Inm ISATPhone Pro (GSPS) | min. | 4.60 |
| Other MSS carriers ISDN | min. | 10.29 |
| Inm Fleet | min. | 10.29 |
| *...(Cont.)* | | |
| *...(Cont.)* | | |
| Aero Voice | min. | 10.29 |
| SwiftBroadband Voice | min. | 4.60 |
| 8kbps Streaming IP | min. | 0.51 |
| 16kbps Streaming IP | min. | 1.02 |
| 24kbps Streaming IP | min. | 1.68 |
| 32kbps Streaming IP | min. | 3.28 |
| 64kbps Streaming IP | min. | 4.60 |
| 128kbps Streaming IP | min. | 13.13 |
| 256kbps Streaming IP | min. | 26.26 |

**CS**8 **Inmarsat–Fleet One** (Charging duration is per block of 15 seconds)

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

a) Shore-to-mobile

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

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 116.72 |
| Monthly MB Allowance | 10.– |

| **Services** | **Charge Unit** | **SDR** |
| --- | --- | --- |
| Voice (Mobile to Fixed) | min. | 0.55 |
| Voice (Mobile to Cellular) | min. | 0.55 |
| FB Voice | min. | 0.55 |
| BGAN Voice | min. | 0.55 |
| SwiftBroadband Voice | min. | 0.55 |
| Aero Voice | min. | 3.57 |
| Inmarsat Fleet | min. | 1.82 |
| Globalstar Voice | min. | 5.84 |
| Iridium Voice | min. | 8.02 |
| Thuraya Voice | min. | 3.65 |
| Satellite Phone Voice (SPS) | min. | 1.46 |
| IsatPhone Pro (GSPS) | min. | 0.55 |
| Other MSS Carriers Voice | min. | 5.03 |
| Voicemail | min. | 0.55 |
| SMS (per SMS) | SMS | 0.36 |
| Standard IP (per MB) | MB | 11.67 |

Fleet One Notes:

1. Services not supported on Fleet One:

– Streaming IP

– Multi Voice

– ISDN

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

3. Vessels provisioned on Fleet One SIMs:

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

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

– must not be Floating, Fixed Platform or Rig.

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

**CS**9 **Inmarsat–Isatphone Pro** (Charging duration is per block of 15 seconds)

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

a) Shore-to-mobile

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

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/min.** |
| Monthly Subscription fee (SDR) | 40.12 |
| Monthly Allowance (min.) | 10.– |

|  |  |  |
| --- | --- | --- |
| **Services** | **Charge Unit** | **SDR** |
| Fixed v/f/d | min. | 0.67 |
| Cellular v/f/d | min. | 0.80 |
| Voicemail | min. | 0.67 |
| SMS (per SMS) | Msg | 0.33 |
| BGAN Voice | min. | 0.67 |
| FleetBroadband Voice | min. | 0.67 |
| SwiftBroadband Voice | min. | 0.67 |
| GSPS or SPS Voice | min. | 0.87 |
| Inmarsat GAN/Fleet/Swift Voice | min. | 1.67 |
| Inmarsat Aero Voice | min. | 3.28 |
| Iridium Voice | min. | 7.36 |
| Thuraya Voice | min. | 3.34 |
| Other MSS Carriers | min. | 4.61 |

**CS**10 **Iridium Plan** (Charging duration is per block of 20 seconds)

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

a) Shore-to-mobile

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

b) Mobile-to-shore

|  |  |
| --- | --- |
| **Services** | **SDR/MB** |
| Monthly Subscription fee (SDR) | 40.12 |
| Monthly MB Allowance | NA |

|  |  |  |
| --- | --- | --- |
| **Services** | **Charge Unit** | **SDR** |
| Iridium - PSTN Data | min. | 1.06 |
| Iridium - PSTN Voice | min. | 1.06 |
| Iridium - PSTN (direct Internet) | min. | 1.06 |
| Iridium - Iridium Data | min. | 1.06 |
| Iridium - Iridium Voice | min. | 0.69 |
| Iridium - SMS (per SMS) | SMS | 0.36 |
| Iridium - Personal Mailbox Access | min. | 0.60 |
| Iridium - Other Satellite Data | min. | 9.56 |
| Iridium - Other Satellite Voice | min. | 9.56 |

**CS**11 **Iridium Open Port** (Charging duration is per block of 20 seconds)

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

a) Shore-to-mobile

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

b) Mobile-to-shore

|  |  |  |  |
| --- | --- | --- | --- |
| **Services** | **SDR/kbps** | | |
| Data Rate (kbps) | 32.– | 64.– | 128.– |
| Monthly Data Subscription fee | 43.77 | 43.77 | 43.77 |
| Data Run-On Charges | 10.94 | 11.56 | 12.16 |

|  |  |  |
| --- | --- | --- |
| **Services** | **Charge Unit** | **SDR/min** |
| Voice (Iridium to Fixed) | min. | 0.84 |
| Voice (Iridium to Iridium) | min. | 0.58 |
| Voice Mail (Iridium to Voicemail) | min. | 0.58 |
| Voice (Iridium to Other Satellite) | min. | 8.54 |

**CS1**2 **Global Express** (Charging duration is per block of 15 seconds)

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

POR SAS – Warkworth and Auckand, New Zealand

a) Shore-to-mobile

|  |  |
| --- | --- |
| **Services** | **SDR/min** |
| Shore to GX/FX Voice | 3.07 |

b) Mobile-to-shore

| **Services** | **Destinations** | **Charge Unit** | **SDR/min.** |
| --- | --- | --- | --- |
| GX Voice to International Numbers | Zone 1 | min. | 0.34 |
| Zone 2 | min. | 0.73 |
| Zone 3 | min. | 1.46 |
| Zone 4 | min. | 2.38 |
| Zone 5 | min. | 5.84 |
| Zone 6 | min. | 12.77 |
| Interconnect to Zone 1 | min. | 0.26 |
| GX Voice to Other Satellites | FX/GX Voice | min. | 0.44 |
| FB Voice | min. | 0.66 |
| BGAN Voice | min. | 0.66 |
| Inmarsat IsatPhone Pro (GSPS) | min. | 0.66 |
| SwiftBroadband Voice | min. | 0.66 |
| Aero Voice | min. | 4.22 |
| Fleet Voice | min. | 2.16 |
| Swift 64 Voice | min. | 2.16 |
| Other MSS Carriers Voice | min. | 5.92 |
| Globalstar Voice | min. | 6.87 |
| Iridium Voice | min. | 9.45 |
| Thuraya Voice | min. | 4.30 |
| FB Voice (from GX ship) | Voice (Mobile to Fixed) | min. | 0.36 |
| Voice (Mobile to Cellular) | min. | 0.51 |
| Inmarsat FB Voice | min. | 0.36 |
| BGAN Voice | min. | 0.36 |
| FleetOne Voice | min. | 0.36 |
| SwiftBroadband Voice | min. | 0.36 |
| Aero Voice | min. | 4.22 |
| Inmarsat Fleet | min. | 2.16 |
| Globalstar Voice | min. | 6.87 |
| Iridium Voice | min. | 9.45 |
| Thuraya Voice | min. | 4.30 |
| Inmarsat IsatPhone Pro (GSPS) | min. | 0.36 |
| Other MSS Carriers Voice | min. | 5.92 |
| Voicemail | min. | 0.36 |
| Swift 64 Voice | min. | 2.16 |
| Additional Call Service | International Networks-Fixed (88239) | min. | 0.12 |
| International Networks-Fixed (883120) | min. | 0.16 |
| Un-Fixed (888) | min. | 0.22 |

**CS**14 Peak and off peak hours

Inmarsat–Fleet (Fleet Fax/Data 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**15Inmarsat-C/Fleet77/FleetBroadband/Fleet One/Isatphone Pro/Iridium Legacy/Iridium Open Port/Global Express.

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. 19)

**Bulgaria ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date  of usage* |
| Bulgaria | **CONCORD SMART INFRASTRUCTURE  AD PIC 205612035**  90 Tzarigradsko shoee blvd  SOFIA | **89 359 23** | Kiril Gueorguiev  90 Tzarigradsko shose blvd  SOFIA  Tel.: +359 882 413 822  E-mail: kiril.gueorguiev@gmail.com | 1.XII.2019 |

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. 12)

*country code* ***888* LIR**

| ***Country code*** | ***Country, Geographical area or Global service*** | ***Note*** |
| --- | --- | --- |
| 888 | Humanitarian purposes | k, t |

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

k United Nations Office of the Coordinator for Humanitarian Affairs (OCHA)

t Reserved pending further studies.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | |  | | --- | | 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. 22) | |  |

|  |  |  |  |
| --- | --- | --- | --- |
| ***Country/Geographical area*** | | ***MCC+MNC \**** | ***Operator/Network*** |
| **Canada ADD** | |  |  |
| 302 550 | Star Solutions International Inc. |
| 302 721 | Rogers Communications Canada Inc. (Wireless) |
| **International Mobile,  shared code LIR** |  | |  |
| 901 88 | | UN Office for the Coordination of Humanitarian Affairs (OCHA) - Reserved |

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

\*                  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. 89)

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

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

|  |  |  |
| --- | --- | --- |
| ELBFIBER Netzwerkinfrastrukturen  UG (haftungsbeschränkt)  Kirchenstegel 4  D-21039 HAMBURG | **ELBFIB** | Mr Fabian Alexander Hars  Tel.: +49 40 3346936 0  Fax: +49 40 3346936 99  Email: info@elbfiber.com |

|  |  |  |
| --- | --- | --- |
| HDone GmbH  Cloud Services  Schmelzofenvorstadt 33  D-89520 HEIDENHEIM | **HDONE** | Mr Alexander Bechtold  Tel.: +49 7321 91197 0  Fax: +49 7321 91197 99  Email: info@hdone.com |

|  |  |  |
| --- | --- | --- |
| Timo Jung  Streamworx  Edisonstrasse 63  D-12459 BERLIN | **STWX** | Mr. Timo Jung  Tel.: +49 30 863221 380  Fax: +49 30 863221 381  Email: numbering@streamworx.net |

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

|  |  |  |
| --- | --- | --- |
| Kabelfernsehen München ServiCenter GmbH  Dieselstrasse 1  D-85774 UNTERFOEHRING | **TCKMSG** | Mr Andreas Gaertig  Tel: +49 341 60 952 445  Fax: +49 341 60 952 903  E-mail: andreas.gaertig@pyur.com |

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.XI.2019, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Burkina Faso | +226 |
| Morocco | +212 |
| Trinidad and Tobago | +1 868 |