|  |  |  |  |
| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1248** | 15.VII.2022 | (Information received by 1 July 2022) ISSN 1564-5223 (Online) | |
| Place des Nations CH-1211  Genève 20 (Switzerland)  Tel: +41 22 730 5111  **E-mail: itumail@itu.int** | | **Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail:** [**brmail@itu.int**](mailto:brmail@itu.int) |

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and subscriptions 18

[List of ITU Carrier Codes 19](#_Toc108423204)

[List of International Signalling Point Codes (ISPC) 20](#_Toc108423205)

[National Numbering Plan 21](#_Toc108423206)

| *Dates of publication of the next Operational Bulletins* | | *Including information received by:* |
| --- | --- | --- |
| 1249 | 1.VIII.2022 | 15.VII.2022 |
| 1250 | 15.VIII.2022 | 29.VII.2022 |
| 1251 | 1.IX.2022 | 12.VIII.2022 |
| 1252 | 15.IX.2022 | 31.VIII.2022 |
| 1253 | 1.X.2022 | 15.IX.2022 |
| 1254 | 15.X.2022 | 30.IX.2022 |
| 1255 | 1.XI.2022 | 14.X.2022 |
| 1256 | 15.XI.2022 | 1.XI.2022 |
| 1257 | 1.XII.2022 | 15.XI.2022 |
| 1258 | 15.XII.2022 | 30.XI.2022 |
| 1259 | 1.I.2023 | 9.XII.2022 |

# GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

**Note from TSB**

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

OB No.

1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)

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

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

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

1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2017)

1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)

1117 List of mobile country or geographical area codes (Complement to Recommendation ITU‑T E.212 (09/2016)) (Position on 1 February 2017).

1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU‑T E.164 (11/2010)) (Position on 15 December 2016)

1096 Legal time 2016

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

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

1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)

1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)

1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)

994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)

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

980 List of Telegram Destination Indicators (In accordance with ITU-T Recommen­dation F.32 (10/1995)) (Position on 15 May 2011)

978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU‑T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)

977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 1 April 2011)

976 List of Data Country or Geographical Area Codes (Complement to ITU‑T Recommendation X.121 (10/2000)) (Position on 15 March 2011)

974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU‑T F.400 and X.400 series Recommendations) (Position on 15 February 2011)

955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/1998)) (Position on 1 May 2010)

669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

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

List of ITU Carrier Codes (ITU-T Rec. M.1400) www.itu.int/ITU-T/inr/icc/index.html

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

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

Approval of ITU-T Recommendations

By AAP-08, 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 M.3382 (06/2022): Requirements for work order processing in telecom management with AI

Telephone Service  
(Recommendation ITU-T E.164)

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

Saint Vincent and the Grenadines (country code +1 784)

##### Communication of 22.VI.2022:

The *Eastern Caribbean Telecommunications Authority (“ECTEL”)* announces the following telephone number plan for Saint Vincent and the Grenadines. ECTEL is responsible for ensuring that all telephone numbers assigned within its Member States are registered with ITU.

|  |  |  |
| --- | --- | --- |
| **Licensed Operator** | **Service** | **Central Office Code** |
| Cable & Wireless (St. Vincent and the Grenadines) Limited | Fixed | +1 784 266 XXXX |
| " | Fixed | +1 784 366 XXXX |
| " | Fixed | +1 784 367 XXXX |
| " | Fixed | +1 784 368 XXXX |
| " | Fixed | +1 784 369 XXXX |
| " | Fixed | +1 784 370 XXXX |
| " | Fixed | +1 784 371 XXXX |
| " | Fixed | +1 784 372 XXXX |
| " | Fixed | +1 784 373 XXXX |
| " | Fixed | +1 784 374 XXXX |
| " | Fixed | +1 784 375 XXXX |
| " | Fixed | +1 784 376 XXXX |
| " | Fixed | +1 784 377 XXXX |
| " | Fixed | +1 784 378 XXXX |
| " | Fixed | +1 784 379 XXXX |
| " | Fixed | +1 784 380 XXXX |
| " | Fixed | +1 784 381 XXXX |
| " | Fixed | +1 784 382 XXXX |
| " | Fixed | +1 784 383 XXXX |
| " | Fixed | +1 784 384 XXXX |
| " | Fixed | +1 784 385 XXXX |
| " | Fixed | +1 784 386 XXXX |
| " | Fixed | +1 784 438 XXXX |
| " | Fixed | +1 784 450 XXXX |
| " | Fixed | +1 784 451 XXXX |
| " | Fixed | +1 784 452 XXXX |
| " | Fixed | +1 784 453 XXXX |
| " | Mobile | +1 784 454 XXXX |
| " | Mobile | +1 784 455 XXXX |
| " | Fixed | +1 784 456 XXXX |
| " | Fixed | +1 784 457 XXXX |
| " | Fixed | +1 784 458 XXXX |
| " | Fixed | +1 784 480 XXXX |
| " | Fixed | +1 784 481 XXXX |
| " | Fixed | +1 784 482 XXXX |

|  |  |  |
| --- | --- | --- |
| **Licensed Operator** | **Service** | **Central Office Code** |
| Cable & Wireless (St. Vincent and the Grenadines) Limited | Fixed | +1 784 483 XXXX |
| ° | Fixed | +1 784 484 XXXX |
| ° | Fixed | +1 784 485 XXXX |
| ° | Fixed | +1 784 486 XXXX |
| ° | Fixed | +1 784 487 XXXX |
| ° | Fixed | +1 784 488 XXXX |
| ° | Fixed | +1 784 489 XXXX |
| ° | Fixed | +1 784 490 XXXX |
| ° | Mobile | +1 784 491 XXXX |
| ° | Mobile | +1 784 492 XXXX |
| ° | Mobile | +1 784 493 XXXX |
| ° | Mobile | +1 784 494 XXXX |
| ° | Mobile | +1 784 495 XXXX |
| ° | Mobile | +1 784 496 XXXX |
| ° | Mobile | +1 784 497 XXXX |
| ° | Mobile | +1 784 498 XXXX |
| ° | Fixed | +1 784 555 XXXX |
| ° | Mobile | +1 784 593 XXXX |
| ° | Fixed | +1 784 638 XXXX |
| Cable & Wireless (St. Vincent and the Grenadines) Limited *(end)* | Fixed | +1 784 784 XXXX |
| Digicel (SVG) Limited | Mobile | +1 784 430 XXXX |
| " | Mobile | +1 784 431 XXXX |
| " | Mobile | +1 784 432 XXXX |
| " | Mobile | +1 784 433 XXXX |
| " | Mobile | +1 784 434 XXXX |
| " | Mobile | +1 784 526 XXXX |
| " | Mobile | +1 784 527 XXXX |
| " | Mobile | +1 784 528 XXXX |
| " | Mobile | +1 784 529 XXXX |
| " | Mobile | +1 784 530 XXXX |
| " | Mobile | +1 784 531 XXXX |
| " | Mobile | +1 784 532 XXXX |
| " | Mobile | +1 784 533 XXXX |
| " | Mobile | +1 784 534 XXXX |
| Digicel (SVG) Limited (end) | Fixed | +1 784 720 XXXX |

|  |  |  |
| --- | --- | --- |
| **Licensed Operator** | **Service** | **Central Office Code** |
| Columbus Communications Inc.  (formerly Kelcom International Limited). | Fixed | +1 784 570 XXXX |
| **"** | Fixed | +1 784 571 XXXX |
| Friends Telcom Ltd. (Friends Associates Ltd.) | VoIP | +1 784 510 XXXX |
| **"** | VoIP | +1 784 512 XXXX |

Contact:

Mr Lawrence Nervais  
Director of Technical Services  
Eastern Caribbean Telecommunications Authority (ECTEL)  
Level 5, Baywalk Mall,

Rodney Bay,

Gros Islet

P. O. Box BW395, LC01 601,

Saint Lucia

Tel: +1 758 458 1701/1702 / 452 5705

Fax: +1 758 458 1698

E-mail: [ectel@ectel.int](mailto:ectel@ectel.int)  
URL: [www.ectel.int](http://www.ectel.int)

Tanzania (country code +255)

Communication of 1.VII.2022:

The *Tanzania Communications Regulatory Authority (TCRA),* Dar-Es-Salaam, announces the following updates to the National Numbering Plan (NNP) for Tanzania.

**Description of deletion of resource for   
national E.164 numbering plan for country code 255:**

| *NDC (national destination code) or leading digits of N(S)N (national (significant) number)* | *Usage of E.164 number* | *Time and date of deletion* |
| --- | --- | --- |
| 63 (NDC) | Non-geographic number – (Find Me Anywhere) | 16:00 hrs, 24th June, 2022 |
| 64 (NDC) | Non-geographic number – (Find Me Anywhere) | 16:00 hrs, 24th June, 2022 |
| 72 (NDC) | Non-geographic number for  mobiletelephony services – (Find Me Anywhere) | 16:00 hrs, 24th June, 2022 |

**Description of introduction of new resource for  
national E.164 numbering plan for country code 255:**

| *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* |
| 5X (NDC) | 9 | 9 | Non-geographic number for  Corporate Networks | 16:00 hours 11th May, 2022 |

|  |  |
| --- | --- |
| national dialling format: | 05X XXXXXXX |
| international dialling format: | +255 5X XXXXXXX |

**Description of important numbers related to emergency services and other services of social value:   
Tanzania (Country Code 255)**

| **Important number** | **Service** | **Allocated or assigned** | **E.164 number or national-only number** | **Note** |
| --- | --- | --- | --- | --- |
| 110 | Emergency services for Lake Victoria and other water bodies | Assigned | National number for Emergency service | NA |
| 111 | Crime Stoppers | Assigned | National number for Emergency service | NA |
| 112 | Police Emergency | Assigned | National number for Emergency service | NA |
| 113 | Anti-corruption | Assigned | National number for Emergency service | NA |
| 114 | Fire Services | Assigned | National number for Emergency service | NA |
| 115 | Ambulance Services | Assigned | National number for Emergency service | NA |
| 116 | Child Help Line | Assigned | National number for Emergency service | NA |
| 117 | Health Help Line | Assigned | National number for Emergency service | NA |
| 118 | Safety in National Parks and Game Reserves | Allocated | National number for Emergency service | NA |
| 119 | Anti-Drugs | Assigned | National number for Emergency service | NA |
| 190 | Disaster Services | Assigned | National number for Emergency service | NA |
| 199 | COVID-19 Medical Emergency | Assigned | National number for Emergency service | NA |

Contact:

Tanzania Communications Regulatory Authority (TCRA)

Dr. Jabiri K. Bakari

20 Sam Nujoma Road

Mawasiliano Towers

P.O. Box 474

14414 DAR-ES-SALAAM

Tanzania

Tel: +255 222199760-9

Fax: +255 222412009-10

E-mail: dg@tcra.go.tz

URL: [www.tcra.go.tz](http://www.tcra.go.tz)

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

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

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

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

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

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

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

List of International Monitoring Stations  
(List VIII)  
Edition of 2019

(Amendment No. 2)

**PART I**

**STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES**

**AFS - South Africa**

**REP** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Independent Communications Authority of South Africa | Spectrum Management Block B 350 Witch-Hazel Ave Eco-Park Centurion 0169 | PHONE: +27 12 5683000 PHONE: +27 12 5683001 TELEFAX: +27 12 5683444 EMAIL: icasanc@icasa.org.za EMAIL: speclicensing@icasa.org.za |  |

**P 1 ADD by alphabetical order**

Station:**Klerefontein**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Klerefontein** | Astronomy Management Authority Private Bag X894 Pretoria 0001 | PHONE: +27 12 8436300 TELEFAX: +27 12 3491030 EMAIL: bsethole@sarao.ac.za EMAIL: mere.kgampe@dst.gov.za EMAIL: smatlhane@sarao.ac.za |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 30°58'17"S 021°58'49"E | Frequency measurements | 9kHz - 9 GHz | H24 | ITU-R REC SM.1139-0 |
| 30°58'17"S 021°58'49"E | Bandwidth measurements | 9 kHz - 9 GHz | H24 | ITU-R REC SM.1139-0 |
| 30°58'17"S 021°58'49"E | Automatic spectrum occupancy surveys | 9 kHz - 9 GHz | H24 | ITU-R REC SM.1139-0 |

**AUT – Austria**

**REP** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Federal Ministry of Agriculture, Regions and Tourism Directorate-General IV/3 Centralizing Office for Monitoring | Radetzkystrasse 2 1030 Wien | PHONE: +43 1 71100 654224 Email: ernst.cerny@bmlrt.gv.at Email: TKP-T-Zdf@bmlrt.gv.at |  |

**SUP** Station**:**   **Klagenfurt**

**MOD** Station**:**   **Wien (IMS)**

|  |  |  |
| --- | --- | --- |
| **Name of the Station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Wien (IMS)** | Telecommuncation Authority Austria Radiomonitoring 17 Krapfenwaldgasse 1190 Wien Austria | Phone: +43 1 71100 654488 Email: funkmonitoring@fb.gv.at |

| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| --- | --- | --- | --- | --- |
| 48°19'40"N 016°28'43"E | Direction-finding measurements | (100) 500 kHz - 30 MHz | HX | Correlative interferometer. |
| 48°15'45"N 016°20'08"E | Direction-finding measurements | 30 MHz - 3 GHz | H24 | If necessary, direction-finding measurements are carried out by mobile monitoring stations (van).  Correlation. |
| 48°15'45"N 016°20'08"E | Frequency measurements | 9 kHz - 90 GHz | H24 |  |
| 48°15'45"N 016°20'08"E | Field strength or power flux-density measurements | 9 kHz - 90 GHz | H24 | If necessary, measurements are carried out by mobile monitoring stations (van). |
| 48°15'45"N 016°20'08"E | Bandwidth measurements | 9 kHz - 90 GHz | H24 | If necessary, measurements are carried out by mobile monitoring stations (van). |
| 48°15'45"N 016°20'08"E | Automatic spectrum occupancy surveys | 9 kHz - 90 GHz | H24 |  |
| 46°38'07"N 014°29'43"E | Frequency measurements | 9 kHz - 30 MHz | HX |  |
| 46°38'07"N 014°29'43"E | Field strength or power flux-density measurements | 9 kHz - 30 MHz | HK |  |
| 46°38'07"N 014°29'43"E | Direction-finding measurements | (100) 300 kHz - 30 MHz | HX | Correlative interferometer. |
| 43°38'07"N 014°29'43"E | Automatic spectrum occupancy surveys | 9 kHz - 30 MHz | HX |  |

**FIN - Finland**

**REP** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Finnish Transport and Communications Agency (TRAFICOM) | P.O. Box 320 00059 Traficom | PHONE: +358 295 345000 EMAIL: radiotaajuudet@traficom.fi |  |

**MOD** Station**:**   **Helsinki**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Helsinki** | P.O. Box 320 00059 Traficom Finland | Phone: +358 295 345000 Email: radiotaajuudet@traficom.fi |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| 60°11'11"N 024°55'34"E | Frequency measurements | 20 MHz - 6 GHz | 0600-1400 |  |
| 60°11'11"N 024°55'34"E | Direction-finding measurements | 20 MHz - 6 GHz | 0600-1400 |  |

**G - United Kingdom**

**MOD** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Ofcom | Ofcom Riverside House 2a Southwark Bridge Road London SE1 9HA | Phone: +44 20 79813109 Telefax: +44 20 79813208 Email: ifc.enquiries@ofcom.org.uk | Ofcom Spectrum Management Center (SMC) is staffed 24 hours - 365 days. |

**P 2 ADD by alphabetical order**

Station:**Fife**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Fife** | Ofcom Royston Road Baldock Hertfordshire SG7 6SH United Kingdom | Phone: +44 1462 428528 Email: smc@ofcom.org.uk |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| 56°16'05"N 002°48'47"W | Direction-finding measurements | 100 kHz - 30 MHz | H24 | Better than ± 0.5 degrees dependant on the signal to noise ratio of the wanted signal.  MF/HF Super Resolution DF ECopy.  Remotely controlled from Baldock, Hertfordshire. |

**MOD** Station**:**   **Baldock (IMS)**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Baldock (IMS)** | Royston Road Baldock Hertfordshire SG7 6SH United Kingdom | Phone: +44 1462 428528 Email: smc@ofcom.org.uk |

| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| --- | --- | --- | --- | --- |
| 52°00'00"N 000°08'00"W | Frequency measurements | 10 kHz - 1 GHz | H24 | Measurements on A1A, A3E, F1B, F3E, G1D, G7D, J7B and D7W. |
| 52°00'00"N 000°08'00"W | Field strength or power flux-density measurements | 10 kHz - 240 kHz | H24 |  |
| 52°00'00"N 000°08'00"W | Direction-finding measurements | 100 kHz - 30 MHz | H24 | Better than ± 0.5 degrees dependant on the signal to noise ratio of the wanted signal.  MF/HF Super Resolution DF ECopy. This DF has 3 switchable arrays (MF, low HF and high HF) to cover the 100 kHz to 30 MHz band. |
| 52°00'00"N 000°08'00"W | Frequency measurements | 1 GHz - 3 GHz | H24 | Measurements on A1A, A3E, F1B, F3E, G1D, G7D, J7B and D7W. |
| 52°00'00"N 000°08'00"W | Field strength or power flux-density measurements | 240 kHz - 30 MHz | H24 |  |
| 52°00'00"N 000°08'00"W | Field strength or power flux-density measurements | 30 MHz - 3 GHz | H24 |  |
| 52°00'00"N 000°08'00"W | Bandwidth measurements | 10 kHz - 3 GHz | H24 | ~~E~~lectronic results available upon request. |
| 52°00'00"N 000°08'00"W | Automatic spectrum occupancy surveys | 10 kHz - 3 GHz | H24 | ~~E~~lectronic results available upon request. |

**J - Japan**

**MOD** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Telecommunications Bureau Ministry of Internal Affairs and Communications | Director General Telecommunications Bureau Ministry of Internal Affairs and Communications 1-2, Kasumigaseki 2-chome Chiyoda-ku 100-8926 Tokyo | Phone: +81 3 52535911 Telefax: +81 3 52535915 Email: kanshikokusai@ml.soumu.go.jp |  |

**NOR - Norway**

**REP** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
| Norwegian Communications Authority (Nkom) | P.O.Box 93 4791 Lillesand | Phone: +47 22 824600 Email: firmapost@nkom.no Email: www.nkom.no |  |

**P 1 ADD by alphabetical order**

Station:**Sandnes**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Sandnes** | P.O. Box 93 4791 Lillesand Norway | Phone: +47 22 824600 Email: firmapost@nkom.no |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| 58°48'46"N 005°40'03"E | Direction-finding measurements | 0.3 kHz - 30 MHz |  | Plath DFP5050. Remotely controlled HF site. |

**MOD** Station**:**   **Ski**

|  |  |  |
| --- | --- | --- |
| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
| **Ski** | P.O. Box 93 4791 Lillesand Norway | Phone: +47 22 824600 Email: firmapost@nkom.no |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (utc)** | **Remarks** |
| 59°43'58"N 010°49'00"E | Frequency measurements | 6.2 kHz - 25.6 MHz |  | Log-periodic. |
| 59°43'58"N 010°49'00"E | Direction-finding measurements | 13 MHz - 30 MHz |  | Allgon. |

**PART II**

**STATIONS IN THE SPACE RADIOCOMMUNICATION SERVICES**

**J - Japan**

**MOD** (Centralizing office)

|  |  |  |  |
| --- | --- | --- | --- |
| **Centralizing office** | **Postal address** | **Telephone, telefax, electronic-mail** | **Remarks** |
| Telecommunications Bureau Ministry of Internal Affairs and Communications | Director General Telecommunications Bureau Ministry of Internal Affairs and Communications 1-2, Kasumigaseki 2-chome Chiyoda-ku 100-8926 Tokyo | Phone: +81 3 52535911 Telefax: +81 3 52535915 Email: kanshikokusai@ml.soumu.go.jp |  |

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. 68)

**Netherlands ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Netherlands | **Lebara Ltd**  2 Clove Crescent,  E India Dock  LONDON E14 2BE  (United Kingdom) | **89 31 60** | Lebara NL Operations  PO box 267,  1110 AG DIEMEN/  Entrada 111,  1114 AA AMSTERDAM-DUIVENDRECHT  Tel: +31 203144201  E-mail: clara.nl@lebara.com | 27.VI.2022 |

**Switzerland ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Switzerland | **Comfone AG**  Nussbaumstrasse 25  3000 BERN 22 | **89 41 34** | Comfone Regulatory  Nussbaumstrasse 25  3000 BERN 22  Tel: +41 31 341 11 92  E-mail: regulatory@comfone.com | 23.VI.2022 |

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | |  | | --- | | **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. 76) | |  |
|  |  |  |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Tanzania SUP** |  |  | | 640 13 | Wiafrica Tanzania Limited (Cootel) | | 640 14 | MO Mobile Holding Limited | | **Tanzania ADD** |  |  | | 640 06 | WIA Company Limited | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*         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. 136)

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

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

|  |  |  |
| --- | --- | --- |
| Consensus Cloud Solutions International  Unit 3.1 Woodford Business Park  Santry, DUBLIN  (Ireland) | **CCSI** | Mr Derek Davis  Tel.: +353 6564985  Email: derek.davis@consensus.com |

|  |  |  |
| --- | --- | --- |
| Diabolocom GmbH Sauvignystrasse 43  D-60325 FRANKFURT | **DIABDE** | Mr Frédéric Durand  Tel.: +43 173034550  Email: carrier-relations@diabolocom.com |

|  |  |  |
| --- | --- | --- |
| Henning Heedfeld - Heedfeld ITK -  Hindenburgstrasse 24  D-32105 BAD SALZUFLEN | **CALLIO** | Mr Henning Heedfeld  Tel.: +49 5222 91799 0  Fax: +49 5222 91799 198  Email: hh@heedfeld.net |

|  |  |  |
| --- | --- | --- |
| Süwag Vertrieb AG & Co.KG  Schuetzenbleiche 9 - 11  D-65929 FRANKFURT | **SUEWAG** | Mr David Wiethoff  Tel.: +49 69 3107 3162  Fax: +49 69 3107 493162  Email: david.wiethoff@suewag.de |

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

|  |  |  |
| --- | --- | --- |
| TKRZ Stadtwerke GmbH  Moorbrueckenstrasse 30  D-48282 EMSDETTEN | **TKRZ** | Mr Christoph Stegemann  Tel.: +49 2572 202 400  Email: noc@tkrz.de |

List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 July 2020)

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)  
(Amendment No. 38)

|  |  |  |  |
| --- | --- | --- | --- |
| Country/ Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Tanzania SUP** | | | |
| 6-080-3 | 12931 | ITSC ZNZ | Zanzibar Telecom Limited |
| 6-123-1 | 13273 | WTLSC01 | Wiafrica Tanzania Limited |
| **United States SUP** | | | |
| 3-035-4 | 6428 | Newark, NJ | TotalTel |
| 3-053-3 | 6571 | New York, NY | Dial-Around Telecom, Inc |
| 3-184-0 | 7616 | New York, NY | Tricom USA, Inc |
| 3-185-4 | 7628 | Miami, FL | IDS Telcom |
| 3-187-3 | 7643 | Miami, FL | Tricom USA, Inc |
| 3-194-4 | 7700 | Miami, FL | Latin Node, Inc |

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

ISPC: International Signalling Point Codes.

Codes de points sémaphores internationaux (CPSI).

Códigos de puntos de señalización internacional (CPSI).

National Numbering Plan   
(According to Recommendation ITU-T E.129 (01/2013))

Web: www.itu.int/itu-t/inr/nnp/index.html

Administrations are requested to notify ITU about their national numbering plan changes, or to give an explanation on their webpage concerning the national numbering plan as well as their contact points, so that the information, which will be made available freely to all administrations/ROAs and service providers, can be posted on the ITU-T website.

For their numbering website, or when sending their information to ITU/TSB (e-mail: [tsbtson@itu.int](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.VI.2022, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Morocco | +212 |
| Oman | +968 |
| Papua New Guinea | +675 |
| Trinidad and Tobago | +1 868 |