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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 5211Fax: +41 22 730 5853E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR)Tel: +41 22 730 5560Fax: +41 22 730 5785E-mail:** **brmail@itu.int** |

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# GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

**Note from TSB**

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

OB No.

1251 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 September 2022)

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

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

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

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

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

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

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

1096 Legal time 2016

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Approval and deletion of ITU-T Recommendations

By AAP-17, 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.709/Y.1331 (2020) Cor. 2 (11/2022): Interfaces for the optical transport network -Corrigendum 2

– ITU-T G.709.1/Y.1331.1 (2018) Amd. 3 (11/2022): Flexible OTN short reach interfaces - Amendment 3

– ITU-T G.709.3/Y.1331.3 (2020) Amd. 1 (11/2022): Flexible OTN long reach interfaces - Amendment 1

– ITU-T G.781 (2020) Amd. 1 (11/2022): Synchronization layer functions for frequency synchronization based on the physical layer - Amendment 1

– ITU-T G.781.1 (2022) Amd. 1 (11/2022): Synchronization Layer Functions for packet-based networks - Amendment 1

– ITU-T G.806 (2012) Amd. 1 (11/2022): Characteristics of transport equipment - Description methodology and generic functionality - Amendment 1

– ITU-T G.874 (2020) Amd. 1 (11/2022): Management aspects of optical transport network elements - Amendment 1

– ITU-T G.988 (11/2022): ONU management and control interface (OMCI) specification

– ITU-T G.997.2 (2019) Cor. 2 (11/2022): Physical layer management for G.fast transceivers: Corrigendum 2

– ITU-T G.7703 (2021) Amd. 1 (11/2022): Architecture for the automatically switched optical network – Amendment 1

– ITU-T G.7710/Y.1701 (2020) Amd. 1 (11/2022): Common equipment management function requirements: Amendment 1

– ITU-T G.7716/Y.1707 (11/2022): Architecture of management and control operations

– ITU-T G.7718/Y.1709 (2020) Amd. 1 (11/2022): Framework for the management of management-control components and functions - Amendment 1

– ITU-T G.7721 (2018) Amd. 1 (11/2022): Management requirement and information model for synchronization – Amendment 1

– ITU-T G.8121.1/Y.1381.1 (2018) Cor. 1 (11/2022): Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms -Corrigendum 1

– ITU-T G.8121.2/Y.1381.2 (2018) Cor. 1 (11/2022): Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms -Corrigendum 1

– ITU-T G.8251 (11/2022): The control of jitter and wander within the optical transport network (OTN)

– ITU-T G.8260 (11/2022): Definitions and terminology for synchronization in packet networks

– ITU-T G.8262.1/Y.1362.1 (11/2022): Timing characteristics of enhanced synchronous equipment slave clock

– ITU-T G.8265.1/Y.1365.1 (11/2022): Precision time protocol telecom profile for frequency synchronization

– ITU-T G.8271.1/Y.1366.1 (11/2022): Network limits for time synchronization in packet networks with full timing support from the network

– ITU-T G.8271.2/Y.1366.2 (2021) Amd. 1 (11/2022): Network limits for time synchronization in packet networks with partial timing support from the network - Amendment 1

– ITU-T G.8272/Y.1367 (2018) Amd. 2 (11/2022): Timing characteristics of primary reference time clocks - Amendment 2

– ITU-T G.8273.2/Y.1368.2 (2020) Amd. 2 (11/2022): Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with full timing support from the network - Amendment 2

– ITU-T G.8273.4/Y.1368.4 (2020) Amd. 2 (11/2022): Timing Characteristics of Telecom Boundary Clocks and Telecom Time Slave Clocks for Use with Partial Timing Support from the Network - Amendment 2

– ITU-T G.8275/Y.1369 (2020) Amd. 3 (11/2022): Architecture and requirements for packet-based time and phase distribution - Amendment 3

– ITU-T G.8275.1/Y.1369.1 (11/2022): Precision time protocol telecom profile for phase/time synchronization with full timing support from the network

– ITU-T G.8275.2/Y.1369.2 (11/2022): Precision time protocol telecom profile for phase/time synchronization with partial timing support from the network

– ITU-T G.8321 (11/2022): Characteristics of Metro Transport Network equipment functional blocks

– ITU-T G.8350 (11/2022): Management and control for metro transport network

– ITU-T G.9901 (2017) Cor. 1 (11/2022): Narrowband orthogonal frequency division multiplexing power line communication transceivers – Power spectral density specification - Corrigendum 1

– ITU-T L.109.1 (11/2022): Type II optical/electrical hybrid cables for access points and other terminal equipment

– ITU-T L.210 (11/2022): Requirements for passive optical nodes: optical wall outlets and extender boxes

– ITU-T Y.3812 (09/2022): Quantum key distribution networks - Requirements for machine learning based quality of service assurance

By TSB Circular 50 of 2 November 2022, it was announced that the following ITU-T Recommendations were deleted in accordance with the procedures outlined in Resolution 1:

– ITU-T T I.373 (03/1993): Network capabilities to support universal personal telecommunication (UPT)

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

**Note from TSB**

*Identification codes for international networks*

Associated with shared country code 882 for international networks, the following two-digit identification codes have been **withdrawn**:

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and Identification Code* | *Date of withdrawal* |
| BebbiCell AG (Formerly Global Networks Switzerland AG) | BebbiCell AG | +882 34 | 1.XII.2022 |

**International Identification Plan for Public Networks and Subscriptions
(Recommendation ITU-T E.212 (09/2016))**

**Note from TSB**

*Identification codes for International Mobile Networks*

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network codes (MNC) have been **withdrawn**.

| *Network* | *Mobile Country Code (MCC) and Mobile Network Code (MNC)* | *Date of withdrawal* |
| --- | --- | --- |
| BebbiCell AG (Formerly Global Networks Switzerland AG) | 901 13 | 1.XII.2022 |

**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 State of Palestine, 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* |
| State of Palestine | 4-215 |

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

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)

**Mongolia (country code +976)**

Communication of 16.XI.2022:

The *Communications Regulatory Commission of Mongolia,* Ulaanbaatar, announces the following updated National Numbering Plan of Mongolia:

**Presentation of national ITU-T E.164 numbering plan
for country code +976**

a) Overview:

 The minimum number length (excluding the country code) is 8 digits.

 The maximum number length (excluding the country code) is 8 digits.

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): <https://www.crc.gov.mn/list/harilcaa-holboony-jlchilgee/en?show=195>

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):

 n/a

d) Detail of numbering plan

| **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** |
| 99000000 – 99999999 | 8 | 8 | Mobile Telephone ServiceOperator: MOBICOM - Mongolia |  |
| 95000000 – 95999999 | 8 | 8 | Mobile Telephone ServiceOperator: MOBICOM - Mongolia |  |
| 94000000 – 94999999 | 8 | 8 | Mobile Telephone ServiceOperator: MOBICOM - Mongolia |  |
| 85000000 – 85999999 | 8 | 8 | Mobile Telephone ServiceOperator: MOBICOM - Mongolia |  |
| 91000000 – 91999999 | 8 | 8 | Mobile Telephone ServiceOperator: SKYTEL - Mongolia |  |
| 90000000 – 90999999 | 8 | 8 | Mobile Telephone ServiceOperator: SKYTEL - Mongolia |  |
| 96000000 – 96999999 | 8 | 8 | Mobile Telephone ServiceOperator: SKYTEL - Mongolia |  |
| 69000000 – 69999999 | 8 | 8 | Mobile Telephone Service Operator: Skytel - Mongolia |  |
| 88000000 – 88999999 | 8 | 8 | Mobile Telephone ServiceOperator: UNITEL - Mongolia |  |
| 86000000 – 86999999 | 8 | 8 | Mobile Telephone ServiceOperator: UNITEL - Mongolia |  |
| 80000000 – 80999999 | 8 | 8 | Mobile Telephone ServiceOperator: UNITEL - Mongolia |  |
| 89000000 – 89999999 | 8 | 8 | Mobile Telephone ServiceOperator: UNITEL - Mongolia |  |
| 98000000 – 98999999 | 8 | 8 | Mobile Telephone ServiceOperator: G-MOBILE - Mongolia |  |
| 93000000 – 93499999 | 8 | 8 | Mobile Telephone ServiceOperator: G-MOBILE - Mongolia |  |
| 97000000 – 97199999 | 8 | 8 | Mobile Telephone ServiceOperator: G-MOBILE - Mongolia |  |
| 83000000 – 83199999 | 8 | 8 | Mobile Telephone ServiceOperator: G-MOBILE - Mongolia |  |
| 60000000 – 60999999 | 8 | 8 | Mobile Telephone Service Operator: ONDO - Mongolia |  |
| 66000000 – 66999999 | 8 | 8 | Mobile Telephone Service Operator: ONDO - Mongolia |  |
| 81110000 – 8111999981660000 – 8166999981810000 – 8181999981880000 – 81889999 | 8 | 8 | Mobile Telephone Service Operator: ONDO - Mongolia |  |
| 11 300000 – 11 399999 | 8 | 8 | Fixed Telephone ServiceOperator: Mongolia Telecom Company - Mongolia |  |
| 11 450000 – 11 45999911 460000 – 11 46999911 480000 – 11 489999 | 8 | 8 | Fixed Telephone ServiceOperator: MONGOLIA TELECOM COMPANY - Mongolia |  |
| 70000000 – 70599999 | 8 | 8 | Fixed Telephone ServiceOperator: Mongolia Telecom Company - Mongolia |  |
| 71280000 – 71289999 | 8 | 8 | Fixed Telephone ServiceOperator: MONGOLIA TELECOM COMPANY - Mongolia |  |
| 72100000 – 72109999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72110000 – 72119999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72120000 – 72129999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72130000 – 72139999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72700000 - 72709999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72720000 – 72729999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 72770000 – 72779999 | 8 | 8 | VoIP ServiceOperator: ONLIME NETWORK - Mongolia |  |
| 75750000 – 7575999975850000 – 7585999975950000 – 7595999975550000 – 7555999975770000 – 7577999975110000 – 7511999975100000 – 7510999975000000 – 7500999975050000 – 7505999975070000 – 7507999975090000 – 7509999975150000 – 7515999975330000 – 7533999975150000 – 7515999975350000 – 7535999975570000 – 7557999975700000 – 7570999975880000 – 7588999975990000 – 75999999 | 8 | 8 | VoIP ServiceOperator: MOBINET - Mongolia |  |
| 76000000 – 7619999976600000 – 76799999 | 8 | 8 | VoIP ServiceOperator: SKYMEDIA - Mongolia |  |
| 77000000 – 77999999 | 8 | 8 | Fixed and VoIP Telephone Service Operator: UNIVISION - Mongolia |  |
| 78000000 – 78199999 | 8 | 8 | VoIP ServiceOperator: GMOBILENET - Mongolia |  |
| 79960000 – 7996999979970000 – 7997999979980000 – 7998999979990000 – 7999999979790000 – 79799999 | 8 | 8 | VoIP ServiceOperator: ORANGE - Mongolia |  |
| 71000000 – 71009999 | 8 | 8 | VoIP ServiceOperator: MONVSAT NETWORK - Mongolia |  |

Contact:

Communications Regulatory Commission of Mongolia

Ms Enkhmaa Gankhuyag

Officer of telecommunication service and numbering regulation

Metro Business Center, 5th Floor, Sukhbaatar Street-13,

Sukhbaatar District, ULAANBAATAR, 14201, Mongolia

Tel: +976 11 304 258

Fax: +976 11 327720

E-mail: regulation@crc.gov.mn; enkhmaa@crc.gov.mn

URL: www.crc.gov.mn

**Palau (country code +680)**

Communication of 9.XI.2022:

The *Bureau of Communications under the Ministry of Public Infrastructure and Industries*, Koror, announces the following national numbering plan of Palau:

**Presentation of national ITU-T E.164 numbering plan for country code 680**

a) Overview:

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

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): none

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): none

d) Detail of numbering plan:

| **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** |
| 544 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Aimeliik State |
| 587 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Airai State |
| 277 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Angaur State |
| 876 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Kayangel State |
| 488 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Koror State |
| 654 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Melekeok State |
| 824 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngaraard State |
| 855 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngarchelong State |
| 747 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngardmau State |
| 535 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngatpang State |
| 622 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngchesar State |
| 733 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngaremlengui State |
| 679 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngiwal State |
| 345 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Peleliu State |
| 255 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Sonsorol State and Hatohobei State |
| 900 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Operator Services |
| 770 | 7 | 7 | Non-geographic number– Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 771 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 772 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 773 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 774 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 775 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/ Palau Cel |
| 776 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 777 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 778 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 779 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PNCC Wireless/Palau Cel |
| 880 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 881 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 882 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 883 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 884 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 885 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 886 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 887 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 888 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 889 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PECI / PalauTel |
| 830 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |
| 831 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |
| 832 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |
| 833 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |
| 834 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |
| 835 | 7 | 7 | Non-geographic number – Digital mobile telephony services | PMCI |

Contact:

Hon. Charles I. Obichang

Minister, MPII

Ministry of Public Infrastructure and Industries

P.O. Box 1471

Koror Palau 96940

Tel: +680 587-2182

Fax: +680 587-2185

E-mail: mpiicoffice@gmail.com

Mr Jonathan Temol

Spectrum Manager, Bureau of Communications

Ministry of Public Infrastructure and Industries

P.O. Box 1471

KOROR, Palau 96940

Tel: +680 587-1170/775-1333

Fax: +680 587-1171

E-mail: jonathant@palaugov.org; jngiwal@gmail.com

URL: www.palaugov.pw/bureau-of-commercial-development/

**Other communications**

**Austria**

Communication of 2.XI.2022:

On the occasion of the 40th anniversary of the amateur radio association "Radio-Amateur-Klub der Technischen Universität Wien (RTU)", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE40XTU** from 1 January to 30 June 2023.

Communication of 8.XI.2022:

On the occasion of the "YOTA Month 2022" of the IARU-R1, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE0YOTA** from 1 to 31 December 2022.

**Serbia**

Communication of 27.X.2022:

On the occasion of the "December YOTA Month 2022", the Serbian Administration authorizes a radio station of the Amateur Radio Union of Serbia to use the special call sign **YT22YOTA** from 1 to 31 December 2022.

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 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. 73)

**Spain ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Spain | **TELEFÓNICA IOT & BIG DATA TECH, S.A. UNIPERSONAL**Ronda de la Comunicación - Edificio Oeste 1C.P. 28050 - MADRID | **89 34 10** | Head of Legal, TELEFÓNICA IOT & BIG DATA TECH, S.A. UNIPERSONALRonda de la Comunicación - Edificio Oeste 1C.P. 28050 - MADRIDTel: +34 609182493E-mail: legal.tech@telefonica.com | 7.XI.2022 |

**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. 31)

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

o Associated with shared country code 882, the following two-digit identification code reservations or assignments have been made for the international networks of:

***Note o)* +882 34 SUP\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and Identification Code* | *Status* |
| BebbiCell AG (Formerly Global Networks Switzerland AG) | BebbiCell AG | +882 34 | Withdrawn |

\* 1.XII.2022

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See page 5 of the present Operational Bulletin No. 1257 of 1.XII.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. 85)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC*** | ***Operator/Network*** |
| **Canada ADD** |  |  |
| 302 230 | ISP Telecom |
| **International Mobile, shared code SUP\*** |  |  |
| 901 13 | BebbiCell AG (Formerly Global Networks Switzerland AG |

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

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

\* See the present ITU Operational Bulletin No 1257 of 1.XII.2022, page 6.

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

(Annex to ITU Operational Bulletin No. 1125 – 1.VI.2017)
(Amendment No. 23)

|  |
| --- |
| **Numerical order ADD** |
|  | 4-215 | State of Palestine |

|  |
| --- |
| **Alphabetical order ADD** |
|  | 4-215 | State of Palestine |

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

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 July 2020)**

**(**Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)
(Amendment No. 46)

|  |  |  |
| --- | --- | --- |
| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Spain SUP** |
| 2-027-5 | 4317 |  | Vodafone Enabler España, S.L. |
| 2-027-6 | 4318 |  | Vodafone Enabler España, S.L. |
| **Switzerland SUP** |
| 2-053-4 | 4524 | Zurich | Switchover AG |
| **Uruguay ADD** |
| 7-097-5 | 15117 | STP Aguada, Montevideo Aguada (Huawei) | Administración Nacional de Telecomunicaciones (ANTEL) |
| 7-097-6 | 15118 | STP Unión, Montevideo Unión (Huawei) | Administración Nacional de Telecomunicaciones (ANTEL) |

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

ISPC: International Signalling Point Codes.

 Codes de points sémaphores internationaux (CPSI).

 Códigos de puntos de señalización internacional (CPSI).