

# ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1257**

1.XII.2022

(Information received by 15 November 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

## Table of Contents

	<i>Page</i>
<b>GENERAL INFORMATION</b>	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i> .....	3
Approval and deletion of ITU-T Recommendations .....	4
The International Public Telecommunication Numbering Plan (Recommendation ITU-T E.164 (11/2010)): <i>Note from TSB</i> .....	5
International Identification Plan for Public Networks and Subscriptions (Recommendation ITU-T E.212 (09/2016)): <i>Note from TSB</i> .....	6
Assignment of Signalling Area/Network Codes (SANC): <i>Note from TSB</i> .....	6
Telephone Service:	
Mongolia ( <i>Communications Regulatory Commission of Mongolia, Ulaanbaatar</i> ) .....	7
Palau ( <i>Bureau of Communications under the Ministry of Public Infrastructure and Industries, Koror</i> ) ...	10
Other communications:	
Austria .....	13
Serbia .....	13
Service Restrictions .....	14
Call-Back and alternative calling procedures (Res. 21 Rev. PP-06) .....	14
<b>AMENDMENTS TO SERVICE PUBLICATIONS</b>	
List of Issuer Identifier Numbers for the International Telecommunication Charge Card .....	15
List of Recommendation ITU-T E.164 assigned Country Codes .....	16
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions .....	16
List of Signalling Area/Network Codes (SANC) .....	17
List of International Signalling Point Codes (ISPC) .....	17

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1258	15.XII.2022	30.XI.2022
1259	1.I.2023	9.XII.2022
1260	15.I.2023	19.XII.2023
1261	1.II.2023	13.I.2023
1262	15.II.2023	31.I.2023
1263	1.III.2023	14.II.2023
1264	15.III.2023	28.II.2023
1265	1.IV.2023	15.III.2023
1266	15.IV.2023	31.III.2023
1267	1.V.2023	12.IV.2023
1268	15.V.2023	30.IV.2023
1269	1.VI.2023	12.V.2023
1270	15.VI.2023	1.VI.2023
1271	1.VII.2023	15.VI.2023
1272	15.VII.2023	30.VI.2023
1273	1.VIII.2023	14.VII.2023
1274	15.VIII.2023	28.VII.2023
1275	1.IX.2023	11.VIII.2023
1276	15.IX.2023	31.VIII.2023
1277	1.X.2023	15.IX.2023
1278	15.X.2023	29.IX.2023
1279	1.XI.2023	13.X.2023
1280	15.XI.2023	1.XI.2023
1281	1.XII.2023	15.XI.2023
1282	15.XII.2023	30.XI.2023
1283	1.I.2024	8.XII.2023

## 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](http://www.itu.int/ITU-T/inr/icc/index.html)

Bureaufax Table (ITU-T Rec. F.170)

[www.itu.int/ITU-T/inr/bureaufax/index.html](http://www.itu.int/ITU-T/inr/bureaufax/index.html)

List of recognized operating agencies (ROAs)

[www.itu.int/ITU-T/inr/roa/index.html](http://www.itu.int/ITU-T/inr/roa/index.html)

## Approval 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**:

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of withdrawal</i>
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**.

<i>Network</i>	<i>Mobile Country Code (MCC) and Mobile Network Code (MNC)</i>	<i>Date of withdrawal</i>
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):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
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 Service Operator: MOBICOM - Mongolia	
95000000 – 95999999	8	8	Mobile Telephone Service Operator: MOBICOM - Mongolia	
94000000 – 94999999	8	8	Mobile Telephone Service Operator: MOBICOM - Mongolia	
85000000 – 85999999	8	8	Mobile Telephone Service Operator: MOBICOM - Mongolia	
91000000 – 91999999	8	8	Mobile Telephone Service Operator: SKYTEL - Mongolia	
90000000 – 90999999	8	8	Mobile Telephone Service Operator: SKYTEL - Mongolia	
96000000 – 96999999	8	8	Mobile Telephone Service Operator: SKYTEL - Mongolia	
69000000 – 69999999	8	8	Mobile Telephone Service Operator: Skytel - Mongolia	
88000000 – 88999999	8	8	Mobile Telephone Service Operator: UNITEL - Mongolia	
86000000 – 86999999	8	8	Mobile Telephone Service Operator: UNITEL - Mongolia	
80000000 – 80999999	8	8	Mobile Telephone Service Operator: UNITEL - Mongolia	
89000000 – 89999999	8	8	Mobile Telephone Service Operator: UNITEL - Mongolia	
98000000 – 98999999	8	8	Mobile Telephone Service Operator: G-MOBILE - Mongolia	
93000000 – 93499999	8	8	Mobile Telephone Service Operator: G-MOBILE - Mongolia	

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		
97000000 – 97199999	8	8	Mobile Telephone Service Operator: G-MOBILE - Mongolia	
83000000 – 83199999	8	8	Mobile Telephone Service Operator: G-MOBILE - Mongolia	
60000000 – 60999999	8	8	Mobile Telephone Service Operator: ONDO - Mongolia	
66000000 – 66999999	8	8	Mobile Telephone Service Operator: ONDO - Mongolia	
81110000 – 81119999 81660000 – 81669999 81810000 – 81819999 81880000 – 81889999	8	8	Mobile Telephone Service Operator: ONDO - Mongolia	
11 300000 – 11 399999	8	8	Fixed Telephone Service Operator: Mongolia Telecom Company - Mongolia	
11 450000 – 11 459999 11 460000 – 11 469999 11 480000 – 11 489999	8	8	Fixed Telephone Service Operator: MONGOLIA TELECOM COMPANY - Mongolia	
70000000 – 70599999	8	8	Fixed Telephone Service Operator: Mongolia Telecom Company - Mongolia	
71280000 – 71289999	8	8	Fixed Telephone Service Operator: MONGOLIA TELECOM COMPANY - Mongolia	
72100000 – 72109999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72110000 – 72119999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72120000 – 72129999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72130000 – 72139999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72700000 - 72709999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72720000 – 72729999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	
72770000 – 72779999	8	8	VoIP Service Operator: ONLIME NETWORK - Mongolia	



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		
75750000 – 75759999 75850000 – 75859999 75950000 – 75959999 75550000 – 75559999 75770000 – 75779999 75110000 – 75119999 75100000 – 75109999 75000000 – 75009999 75050000 – 75059999 75070000 – 75079999 75090000 – 75099999 75150000 – 75159999 75330000 – 75339999 75150000 – 75159999 75350000 – 75359999 75570000 – 75579999 75700000 – 75709999 75880000 – 75889999 75990000 – 75999999	8	8	VoIP Service Operator: MOBINET - Mongolia	
76000000 – 76199999 76600000 – 76799999	8	8	VoIP Service Operator: SKYMEDIA - Mongolia	
77000000 – 77999999	8	8	Fixed and VoIP Telephone Service Operator: UNIVISION - Mongolia	
78000000 – 78199999	8	8	VoIP Service Operator: GMOBILENET - Mongolia	
79960000 – 79969999 79970000 – 79979999 79980000 – 79989999 79990000 – 79999999 79790000 – 79799999	8	8	VoIP Service Operator: ORANGE - Mongolia	
71000000 – 71009999	8	8	VoIP Service Operator: 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 Fixed telephony services (Area code)	PNCC/Aimeliik State
587	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Airai State
277	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Angaur State
876	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Kayangel State
488	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Koror State
654	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Melekeok State
824	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngaraard State
855	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngarchelong State
747	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngardmau State
535	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngatpang State
622	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngchesar State
733	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngaremlengui State
679	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngiwal State
345	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Peleliu State
255	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Sonsorol State and Hatohobei State

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		
900	7	7	Geographic number for Fixed telephony 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

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		
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, MPPI  
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/](http://www.palaugov.pw/bureau-of-commercial-development/)

## Other communications

### Austria

Communication of 2.XI.2022:

On the occasion of the 40<sup>th</sup> 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](http://www.itu.int/pub/T-SP-SR.1-2012)

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Príncipe	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/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	Paragraph
<b>COL</b>	Column	<b>REP</b>	Replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	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**

<i>Country/ geographica l area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Spain	<b>TELEFÓNICA IOT &amp; BIG DATA TECH, S.A. UNIPERSONAL</b> Ronda de la Comunicación - Edificio Oeste 1 C.P. 28050 - MADRID	<b>89 34 10</b>	Head of Legal, TELEFÓNICA IOT & BIG DATA TECH, S.A. UNIPERSONAL Ronda de la Comunicación - Edificio Oeste 1 C.P. 28050 - MADRID Tel: +34 609182493 E-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\***

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
BebbiCell AG (Formerly Global Networks Switzerland AG)	BebbiCell AG	+882 34	Withdrawn

\* 1.XII.2022

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)

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

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*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<b>Spain    SUP</b>			
2-027-5	4317		Vodafone Enabler España, S.L.
2-027-6	4318		Vodafone Enabler España, S.L.
<b>Switzerland    SUP</b>			
2-053-4	4524	Zurich	Switchover AG
<b>Uruguay    ADD</b>			
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).