

# ITU Operational Bulletin

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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.

- 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)	<a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>
Bureaufax Table (ITU-T Rec. F.170)	<a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a>
List of recognized operating agencies (ROAs)	<a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>

## Approval of ITU-T Recommendations

By AAP-108, 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.989.3 (05/2021): 40-Gigabit-capable passive optical networks (NG-PON2): Transmission convergence layer specification
- ITU-T H.273 (V2) (07/2021): Coding-independent code points for video signal type identification
- ITU-T K.50 (2018) Cor. 2 (07/2021): Safe limits for operating voltages and currents in telecommunication systems powered over the network – Corrigendum 2
- ITU-T L.1060 (07/2021): General principles for the green supply chain management of information and communication technology manufacturing industry
- ITU-T Q.834.1 (2004) Amd. 1 (07/2021): ATM-PON requirements and managed entities for the network and network element views: Amendment 1 – Replace the reference to IEEE 802.1D by IEEE 802.1Q
- ITU-T Q.834.4 (2004) Amd. 2 (07/2021): A CORBA interface specification for Broadband Passive Optical Networks based on UML interface requirements: Amendment 2 – Replace the reference to IEEE 802.1D by IEEE 802.1Q
- ITU-T Q.838.1 (2004) Amd. 1 (07/2021): Requirements and analysis for the management interface of Ethernet Passive Optical Networks (EPON): Amendment 1 – Replace the reference to IEEE 802.1D by IEEE 802.1Q
- ITU-T X.1406 (07/2021): Security threats to online voting system using distributed ledger technology
- ITU-T Y.3178 (07/2021): Functional framework of AI-based network service provisioning in future networks including IMT-2020
- ITU-T Y.4122 (07/2021): Requirements and capability framework of edge computing-enabled gateway in the IoT
- ITU-T Y.4419 (07/2021): Requirements and Capability Framework of Smart Utility Metering (SUM)
- ITU-T Y.4420 (07/2021): Framework of IoT based monitoring and management for Lift

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

### Note from TSB

At the request of the Administration of the Republic of Kazakhstan, the Director of TSB has **reserved** the country code 997 for Kazakhstan (Republic of) for future use.

### Note from TSB

#### *Identification codes for international networks*

Associated with shared country code 883 for international networks, the following three-digit identification code has been **assigned**.

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of assignment</i>
A1 Telekom Austria AG	A1 Telekom Austria AG	+883 370	15.VII.2021

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

url: [www.itu.int/itu-t/inr/nnp](http://www.itu.int/itu-t/inr/nnp)

### Congo (country code +242)

Communication of 2.VII.2021:

The *Agence de Régulation des Postes et des Communications Electroniques (ARPCE)*, Brazzaville, announces the withdrawal of the following number series in the national numbering plan of the Republic of the Congo.

<i>Operator</i>	<i>Number series (9 digits)</i>	<i>Quantity</i>	<i>Type of serie</i>	<i>Date of introduction</i>	<i>Date of withdrawal</i>
<b>GLOBAL REACH TELECOM</b>	+242 <b>801 20 00 00 – 801 20 99 99</b>	10 000	Long numbers – Value-added service	23.III.2016	21.IV.2021
	+242 <b>801 10 00 00 – 801 11 99 99</b>	20 000	Long numbers – Value-added service	28.II.2017	21.IV.2021
	+242 <b>801 12 00 00 – 801 14 99 99</b>	30 000	Long numbers – Value-added service	02.X.2017	21.IV.2021

X= 0 to 9

International dialling format:

+242 XXX XX XX XX

The minimum number length (excluding the country code) is: Nine (9) digits

The maximum number length (excluding the country code) is: Nine (9) digits

### Contact:

Agence de Régulation des Postes et des Communications Electroniques (ARPCE)

Immeuble ARPCE

91 bis, Avenue de l'Amitié

B.P. 2490

BRAZZAVILLE

Congo (Rep. of the)

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E-mail: [contact@arpce.cg](mailto:contact@arpce.cg)

URL: [www.arpce.cg](http://www.arpce.cg)

**Malta (country code +356)**

Communication of 1.VII.2021:

The *Malta Communications Authority (MCA)*, Floriana, announces an update of the National Numbering Plan (NNP) of Malta. The main numbering ranges are:

<i>Service</i>	<i>Operator</i>	<i>Numbering Ranges</i>
Fixed	GO	2100 – 2399 XXXX
		2500 – 2599 XXXX
	Melita	2700 – 2799 XXXX
		2010 – 2018 XXXX
		2060 XXXX 2065 XXXX
Vanilla	2031 – 2034 XXXX	
epic	2090 – 2099 XXXX	
Mobile	GO Mobile	7900 – 7999 XXXX
		9889 XXXX
		7210 XXXX
	epic	9900 – 9999 XXXX
		9696 XXXX
		9897 XXXX
	9210 – 9211 XXXX	
	9231 XXXX	
M2M/IoT Connectivity Services and other Non-Interpersonal Communications Services	Melita	40005 XXXXX
	GO	40079 XXXXX
	epic	40099 XXXXX

All Administrations and Recognized Operating Agencies (ROAs) are requested to urgently programme their switches to enable immediate access to these numbering ranges. Furthermore, the National Numbering Plan is updated in real-time and is made available on the MCA website at the following link:  
<https://www.mca.org.mt/regulatory/numbering/numbering-plans>

**Contact:**

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 Pinto Wharf  
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 E-mail: [numbering@mca.org.mt](mailto:numbering@mca.org.mt)  
 URL: [www.mca.org.mt](http://www.mca.org.mt)

## Morocco (country code +212)

Communication of 6.VII.2021:

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

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

<i>NDC (national destination code) or leading digits of N(S)N (national (significant) number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
713	9	9	Mobile services 2G/3G/4G	Wana Corporate <sup>1</sup>

<sup>1</sup>: INWI

Contact:

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Morocco  
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E-mail: [numerotation@anrt.ma](mailto:numerotation@anrt.ma)  
URL: [www.anrt.ma](http://www.anrt.ma)

## Myanmar (country code +95)

Communication of 7.VII.2021:

The *Ministry of Transport and Communications*, Nay Pyi Taw, announces that the following updated numbering scheme has been added to the national numbering plan of Myanmar:

*Description of introduction of new resources for national E.164 numbering plan for country code + 95:*

### Mobile Numbering

Sr No.	Area Code	Number series	System	Digit Length (including area code)	Operator
1	9	942-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
2	9	943-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
3	9	944-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
4	9	945-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
5	9	946-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
6	9	947-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
7	9	948-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited
8	9	949-xxx-xxx	WCDMA / GSM	10	Ooredoo Myanmar Limited

### Contact:

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Posts and Telecommunications Department (PTD)  
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E-mail: dg@ptd.gov.mm



## **Tonga (country code +676)**

Communication of 6.VII.2021:

The *Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communications*, Nuku'alofa, announces the National Numbering Plan of Tonga.

### **PART I – PRELIMINARY**

#### **1. Short Title**

- (1) These Plans may be cited as the National Numbering Plan 2018.

#### **2. Commencement**

- (1) These Plans shall come into force on the date it is published in the Gazette or otherwise in accordance with section 10(e) of the Interpretation Act (Cap.1)

#### **3. Definitions**

- (1) Subject to sub-section (2), unless the context otherwise requires, terms used in these Plan have the same meaning as in the Communications Act 2015.
- (2) In these Rules, unless the context otherwise requires, –
  - i. “Act” means the Communications Act 2015;
  - ii. “Advertisement” means any form of notice or announcement intended to communicate to the public either whole or a section to promote awareness for the supply of a service or good.
  - iii. “Consumer” has the same meaning as “customer” as defined in the Communications Act 2015.
  - iv. “Licensee” has the same meaning as “Licensee” defined in the Communications Act 2015.
  - v. “Investigator” means an authorized person or entity lawfully responsible to conduct investigation in the telecommunications sector.
  - vi. “Regulator” has the same meaning as “Licensee” defined in the Communications Act 2015.

#### **4. Application of the Numbering Plan 2018**

- (1) These Numbering Plans under section 70 of the Act shall apply to all licensees in the telecommunications sector. These plans are mandatory for all licensees to comply with.
- (2) The Regulator reserves the right to evaluate market practices and standards and plans. The Regulator may include additional standards given necessary for the best interest of consumers.
- (3) These Plans is subject for review on a periodic basis as determined by the Regulator and amended accordingly following consultations with related parties.

#### **5. Fixed-line Telephone Number Plan**

- (1) CC (country code 676)
  - i. Overview:
    - The number length (excluding the International Calling Code) is three (3) digits
- (2) NDC (National Destination Code) Plan
  - i. Overview:
    - The number length (excluding the country code) is two (2) digits
  - ii. Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): not applicable
  - iii. Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): not applicable
  - iv. Detail of numbering plan: Table1:
- (3) SN (Subscriber Number) Plan
  - i. Overview:
    - The number length (excluding the CC & NDC) is three (3) digits
  - ii. Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): not applicable
  - iii. Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): not applicable
  - iv. Detail of numbering plan: Table1:

**Table 1 – Fixed-line telephone numbering plan NDC**

<i>(National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
20	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
21	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
22	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
23	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
24	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
25	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
26	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
27	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
28	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
29	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
30	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
31	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
32	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
33	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
34	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
35	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
36	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
37	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
38	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
40	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
41	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
42	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
43	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
50	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation

**Table 1 – Fixed-line telephone numbering plan NDC**

(National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
60	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
69	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
70	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
71	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
72	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
74	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
75	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
76	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation
79	5	5	Geographic numbers for fixed services	Assigned to Tonga Communications Corporation

## 6. MSISDN (Mobile Subscriber ISDN) Plan

- (1) CC (country code 676)
  - i. Overview:
    - The number length (excluding the International Calling Code) is three (3) digits
- (2) NDC (National Destination Code) Plan
  - i. Overview:
    - The number length (excluding the country code) is three (3) digits
  - ii. Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): not applicable
  - iii. Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): not applicable
  - iv. Detail of numbering plan: Table2:
- (3) SN (Subscriber Number) Plan
  - i. Overview:
    - The number length (excluding the CC & NDC) is four (4) digits
  - ii. Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): not applicable
  - iii. Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): not applicable
  - iv. Detail of numbering plan: Table2:

MSISDN = CC + NDC + SN  
 CC = Country Code  
 NDC = National Destination Code, identifies one or part of a PLMN  
 SN = Subscriber Number

**Table 2 – MSISDN (Mobile Subscriber ISDN) Plan**

NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
550	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
551	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
552	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
553	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
554	7	7	Non-geographic, Mobile service	Assigned to Toko Wireless Limited
555	7	7	Non-geographic, Mobile service	Assigned to Toko Wireless Limited
556	7	7	Non-geographic, Mobile service	Assigned to Toko Wireless Limited
557	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
558	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
559	7	7	Non-geographic, Normadic VoIP	Assigned to Toko Wireless Limited
632	7	7	Non-geographic, LTE	
681	7	7	Non-geographic, Hosted PBX	Assigned to Digicel Tonga Limited
685	7	7	Non-geographic, Hosted PBX	Assigned to Digicel Tonga Limited
690	7	7	Non-geographic, Hosted PBX	Assigned to Digicel Tonga Limited
720	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
730	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
740	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
750	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
760	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
770	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
780	7	7	Non-geographic, Mobile Service	Assigned to Tonga Communications Corporation
840	7	7	Non-geographic, Mobile Service	Assigned to Digicel Tonga Limited
860	7	7	Non-geographic, Mobile Service	Assigned to Digicel Tonga Limited
870	7	7	Non-geographic, Mobile Service	Assigned to Digicel Tonga Limited

**Table 2 – MSISDN (Mobile Subscriber ISDN) Plan**

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
880	7	7	Non-geographic, Mobile Service	Assigned to Digicel Tonga Limited
890	7	7	Non-geographic, Mobile Service	Assigned to Digicel Tonga Limited

**7. TFN (Toll Free Number) Plan****Table 3 – TFN (Toll Free Number) Plan**

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
0800	8	7	Non-geographic, available for all local services	Accessible for all voice services

**8. Short Code Number Plan****Table 4 – Short Code Number Plan**

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
7	3	3	Non-geographic: SMS RapidPro for UNICEF	SMS services
9	3	3	Non-geographic numbers for mobile and fixed services	Local switch only, accessible for all voice services

Contact:

Mr Paula Pouvalu Ma'u  
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 Fax: +676 24861  
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**Other communication****Austria**

Communication of 9.VII.2021:

On the occasion of the "35 years of European DX Foundation (EUDXF)", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE35EUDXF** from 1 to 30 November 2021.

## 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 Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2021

### Section VI

**ADD**

**CY01** MONARCH MARINE SERVICES LTD 62 Vasileos Konstantinou,  
CY-3076 Limassol, Cyprus.  
E-mail: [BILLING@MONARCHGLOBAL.NET](mailto:BILLING@MONARCHGLOBAL.NET), [smaro.k@monarchglobal.net](mailto:smaro.k@monarchglobal.net),  
Contact person: Ms. Smaro Kechagia, (Billing Manager).  
Tel: +357 258 700 01 / 998 943 62.  
Fax: 00357 258 700 05.

## 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. 52)

**Malta SUP**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of cancellation</i>
Malta	<b>YOM Ltd.</b> 2nd Floor Bonnici House, Triq Is-Sardin, Burmarrad SAN PAWL IL-BAHAR, SPB 6073	<b>89 356 11</b>	Vadym Gurzhos 2nd Floor Bonnici House, Triq Is-Sardin, Burmarrad SAN PAWL IL-BAHAR, SPB 6073 Tel.: +356 2743 5048 E-mail: <a href="mailto:general@yom.company">general@yom.company</a>	1.VII.2021

**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. 22)

country code **997** LIR

<i>Country code</i>	<i>Country, Geographical area or Global service</i>	<i>Note</i>
997	Kazakhstan (Republic of)	f

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

f Reserved for future use.

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

p Associated with shared country code 883, the following three-digit identification code reservations or assignments have been made for the international networks of:

**Note p) +883 370 ADD\***

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
A1 Telekom Austria AG	A1 Telekom Austria AG	+883 370	Assigned

\* 15.VII.2021

See page 4 of the present Operational Bulletin No. 1225 of 1.VIII.2021.



**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. 58)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Estonia ADD</b>		
	248 22	M2MConnect OÜ
<b>Malta SUP</b>		
	278 11	YOM

\* 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. 119)

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
2provide GmbH Edisonstrasse 3 D-24145 KIEL	<b>2PROV</b>	Mr Sascha Mueller Tel.: +49 171 1464433 Email: sascha.mueller@gvg-glasfaser.de
Altonetz GmbH St. Althof 1 D-85250 ALTOMUENSTER	<b>ALTO</b>	Mr Joachim Borowko Tel.: +49 8254 6824201 Fax: +49 8254 6824207 Email: info@altonetz.de
EZV Energie- und Service GmbH & Co.KG Untermain Landstrasse 47 D-63939 WOERTH AM MAIN	<b>EZVNET</b>	Mr Marco Nebel Tel.: +49 9372 9455 39 Fax: +49 9372 9455 15 Email: dsl@ezv-energie.de

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
Hömmen IT GmbH & Co.KG Kellerstrasse 19 D-49757 WERLTE	<b>HOMMEN</b>	Mr Ulrich Hoemmen Tel.: +49 5951 72896 0 Fax: +49 5951 72896 19 Email: info@hoemmen.net
INBW Infrastruktur und Netzwerk Baden- Württemberg GmbH Am Sandfeld 15 D-76149 KARLSRUHE	<b>INBW</b>	Mr Moritz Stephan Tel.: +49 721 9100900 Fax: +49 721 9100999 Email: msn@inbw.net
Leonet AG Technologiecampus 4 D-94244 TEISNACH	<b>LEONET</b>	Mr Guido Gaudlitz Tel.: +49 151 226 373 47 Email: guido.gaudlitz@ccnst.de
miecom-Netzservice GmbH Zum Ried 6 D-86637 BINSWANGEN	<b>MIECOM</b>	Mr Joachim Geiger Tel.: +49 8272 6097911 Fax: +49 8272 6097912 Email: info@miecom.de
Northern Access GmbH Beckebohnen 2 D-31618 LIEBENAU	<b>NA000</b>	Mr Torsten Voigts Tel.: +49 176 16161300 Fax: +49 5023 981199 Email: tv@northern-access.de
Stadtwerke Ansbach GmbH Rueglaender Strasse 1 D-91522 ANSBACH	<b>STWAN</b>	Mr Stefan Klement Tel.: +49 981 8904 267 Fax: +49 981 8904 33267 Email: stefan.klement@stwan.de
<b>Germany (Federal Republic of) / DEU</b>	<b>LIR</b>	
INCAS GmbH Medienstr. 8 47807 KREFELD	<b>INCAS</b>	Mr Roland Janke Tel.: +49 2151 620 1221 Fax: +49 2151 620 1010 Email: info@incas.de
<b>Germany (Federal Republic of) / DEU</b>	<b>SUP</b>	
amplus AG Technologiecampus 4 94244 TEISNACH	<b>AMPLUS</b>	Mr Tobias Groeller Tel.: +49 9923 8045 100 Fax: +49 9923 8045 120 E-mail:t.groeller@ccnst.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. 19)

*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>Estonia ADD</b>			
2-092-4	4836	MCTLN01	M2MConnect OÜ
<b>Zimbabwe ADD</b>			
6-097-6	13070	DANDEMUTANDE VoIP	DANDEMUTANDE INVESTMENTS

ISPC: International Signalling Point Codes.  
Codes de points sémaphores internationaux (CPSI).  
Códigos de puntos de señalización internacional (CPSI).

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

Web: [www.itu.int/itu-t/inr/nnp/index.html](http://www.itu.int/itu-t/inr/nnp/index.html)

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

For their numbering website, or when sending their information to ITU/TSB (e-mail: [tsbtson@itu.int](mailto:tsbtson@itu.int)), administrations are kindly requested to use the format as explained in Recommendation ITU-T E.129. They are reminded that they will be responsible for the timely update of this information.

From 1.VII.2021, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Armenia	+374
Cyprus	+357
Morocco	+212