

# 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-104, 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 Q.3961 (2020) Cor.1 (05/2021)
- ITU-T Q.4065 (05/2021): Framework of model network for Tactile Internet testing
- ITU-T Q.4067 (05/2021): Signalling requirements for VNF lifecycle management under the testing environment

By TSB Circular 314 of 7 May 2021, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T X.1054 (04/2021): Information security, cybersecurity and privacy protection – Governance of information security
- ITU-T X.1252 (04/2021): Baseline identity management terms and definitions
- ITU-T X.1811 (04/2021): Security guidelines for applying quantum-safe algorithms in 5G systems

## 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 Sultanate of Oman, 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>
Oman (Sultanate of)	4-202

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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)

### Hungary (country code +36)

Communication of 6.V.2021:

The *National Media and Infocommunications Authority*, Budapest, announces the updated E.164 National Numbering Plan (NNP) for Hungary (country code +36).

#### *Description of deletion of resource for national E.164 numbering plan for Hungary (country code +36)*

<i>NDC (National Destination Code)</i>	<i>Usage of E.164 Number</i>	<i>Time and date of deletion</i>
51	Non-geographic number	31.XII.2021

#### *Presentation of E.164 National Numbering Plan (NNP) for Hungary (country code +36)*

- (a) Overview:  
 Minimum number length (excluding country code): eight (8) digits.  
 Maximum number length (excluding country code): twelve (12) 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):  
 NMIAH Assignment of Communication Identifiers:  
<http://english.nmhh.hu/stakeholders/identifier-management/identifier-registry>
- (c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):  
 Phone number ported status: <http://szamhordozottsag.nmhh.hu/>
- (d) Detail of numbering scheme:

<i>NDC (National Destination Code)</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>		
1	8	8	Geographic number	Area code for Budapest
20	9	9	Non-geographic number	Mobile
21	9	9	Non-geographic number	Nomadic telephone service
22	8	8	Geographic number	Area code for Székesfehérvár
23	8	8	Geographic number	Area code for Batorbágy
24	8	8	Geographic number	Area code for Szigetszentmiklós
25	8	8	Geographic number	Area code for Dunaújváros
26	8	8	Geographic number	Area code for Szentendre
27	8	8	Geographic number	Area code for Vác
28	8	8	Geographic number	Area code for Gödöllő
29	8	8	Geographic number	Area code for Monor
30	9	9	Non-geographic number	Mobile
31	9	9	Non-geographic number	Mobile

NDC (National Destination Code)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
32	8	8	Geographic number	Area code for Salgótarján
33	8	8	Geographic number	Area code for Esztergom
34	8	8	Geographic number	Area code for Tatabánya
35	8	8	Geographic number	Area code for Balassagyarmat
36	8	8	Geographic number	Area code for Eger
37	8	8	Geographic number	Area code for Gyöngyös
38	9	9	Non-geographic number	Corporate networks
39	–	–	–	
40	–	–	–	
41	–	–	–	
42	8	8	Geographic number	Area code for Nyíregyháza
43	–	–	–	
44	8	8	Geographic number	Area code for Mátészalka
45	8	8	Geographic number	Area code for Kisvárd
46	8	8	Geographic number	Area code for Miskolc
47	8	8	Geographic number	Area code for Szerencs
48	8	8	Geographic number	Area code for Ózd
49	8	8	Geographic number	Area code for Mezőkövesd
50	9	9	Non-geographic number	Mobile
51	–	–	–	
52	8	8	Geographic number	Area code for Debrecen
53	8	8	Geographic number	Area code for Cegléd
54	8	8	Geographic number	Area code for Berettyóújfalu
55	8	8	Geographic number	Test number
56	8	8	Geographic number	Area code for Szolnok
57	8	8	Geographic number	Area code for Jászberény
58	–	–	–	
59	8	8	Geographic number	Area code for Karcag
60	–	–	–	
61	–	–	–	
62	8	8	Geographic number	Area code for Szeged
63	8	8	Geographic number	Area code for Szentes
64	–	–	–	
65	–	–	–	
66	8	8	Geographic number	Area code for Békéscsaba
67	–	–	–	
68	8	8	Geographic number	Area code for Orosháza
69	8	8	Geographic number	Area code for Mohács
70	9	9	Non-geographic number	Mobile
71	12	12	Non-geographic number	M2M

NDC (National Destination Code)	N(S)N number length		Usage of E.164 Number	Additional information
	Maximum length	Minimum length		
72	8	8	Geographic number	Area code for Pécs
73	8	8	Geographic number	Area code for Szigetvár
74	8	8	Geographic number	Area code for Szekszárd
75	8	8	Geographic number	Area code for Paks
76	8	8	Geographic number	Area code for Kecskemét
77	8	8	Geographic number	Area code for Kiskunhalas
78	8	8	Geographic number	Area code for Kiskőrös
79	8	8	Geographic number	Area code for Baja
80	8	8	Non-geographic number	Freephone service (national)
81	–	–	–	
82	8	8	Geographic number	Area code for Kaposvár
83	8	8	Geographic number	Area code for Keszthely
84	8	8	Geographic number	Area code for Siófok
85	8	8	Geographic number	Area code for Marcali
86	–	–	–	
87	8	8	Geographic number	Area code for Tapolca
88	8	8	Geographic number	Area code for Veszprém
89	8	8	Geographic number	Area code for Pápa
90	8	8	Non-geographic number	Premium-rate service (adult)
91	8	8	Non-geographic number	Premium-rate service
92	8	8	Geographic number	Area code for Zalaegerszeg
93	8	8	Geographic number	Area code for Nagykanizsa
94	8	8	Geographic number	Area code for Szombathely
95	8	8	Geographic number	Area code for Sárvár
96	8	8	Geographic number	Area code for Győr
97	–	–	–	
98	–	–	–	
99	8	8	Geographic number	Area code for Sopron

Contact:

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Visegrádi utca 106.  
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Hungary  
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E-mail: puss.tamas@nmhh.hu / numbering@nmhh.hu  
URL: www.nmhh.hu

## 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

- DP14** Marlink GmbH, Riehler Str. 50, D-50668 Köln, Germany.  
E-mail: [achim.bomm@marlink.com](mailto:achim.bomm@marlink.com), Mob: +49 151 50 46 06 00,  
Tel: +49 40 228 60 28 13.

**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. 49)

**Germany ADD**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Germany	<b>NXP Semiconductors Germany GmbH</b> Tropowitzstr. 20 22529 HAMBURG	<b>89 49 41</b>	Hauke Meyn Tropowitzstr. 20 22529 HAMBURG Tel: +49 40 56130 E-mail: hauke.meyn@nxp.com	1.IV.2021

**Palau LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Palau	<b>Palau National Communications Corporation</b> PNCC Airai HQ Building, One Airport Rd, P.O. Box 99 KOROR, PW 96940	<b>89 680 01</b>	Myers Techitong PNCC Airai HQ Building, One Airport Rd, P.O. Box 99 KOROR, PW 96940 Tel: +680 587 9000 Fax: +680 587 1888 E-mail: tmyers@pnccpalau.com
Palau	<b>Palau Mobile Communications Inc.</b> PDC Building P.O. Box 401461 Medalaih, Koror PW 96940	<b>89 680 99</b>	Billy Takamine PDC Building P.O. Box 401461 Medalaih, Koror PW 96940 Tel: +680 488 1189 E-mail: info@pmci.pw

**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. 55)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Australia ADD</b>		
	505 53	Shell Australia Pty Ltd
<b>Canada ADD</b>		
	302 910	Halton Regional Police Service (reserved)
<b>Canada LIR</b>		
	302 770	TNW Wireless Inc.
<b>Switzerland ADD</b>		
	228 67	Datatrade Managed AG
	228 68	Intellico 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

**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. 116)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Palau / PLW ADD</b>		
Palau National Communications Corporation PNCC Building P.O. Box 99 One Airport Road, Koror Palau 96940	<b>PNCC</b>	Mr Myers Techitong Tel: +680 488 9000 Fax: +680 488 1888 E-mail: tmyers@pnccpalau.com
<b>Palau / PLW LIR</b>		
Palau Communication and Electronics Company PECI Building P.O. Box 605 Malakal, Koror, Palau 96940	<b>PCEC</b>	Mr Sebastian Masang Tel: +680 488 2628 Fax: +680 488 2733 E-mail: regulatory_b2b@palautelecoms.com
Palau Mobile Communications Incorporated PDC Building P.O. Box 401461 Medalaih, Koror Palau 96940	<b>PMCI</b>	Mr Billy Takamine Tel: +680 488 1189 E-mail: info@pmci.pw

**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. 15)

<b>Numerical order</b>	<b>ADD</b>
4-202	Oman (Sultanate of)
<b>Alphabetical order</b>	<b>ADD</b>
4-202	Oman (Sultanate of)

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. 16)

*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>Oman ADD</b>			
4-044-5	8549	MUSTP01(INAT0)	Ooredoo
4-044-6	8550	WCSS01 and SOHSS02	Omantel
4-044-7	8551	STP Quram	Omantel
4-045-0	8552	STP Gala	Omantel
4-045-1	8553	BOIGW1	Ooredoo
4-045-2	8554	MUSTP1	Vodafone
4-045-3	8555	BSSTP1	Vodafone
4-045-6	8558	SOIGW1	Ooredoo
<b>Oman LIR</b>			
4-044-2	8546	Nawras1	Ooredoo
4-044-3	8547	Nawras2	Ooredoo
4-044-4	8548	SOHSS02	Omantel
<b>Palau ADD</b>			
5-110-1	11121	PNCC IG	Palau National Communications Corporation
5-110-2	11122	PNCC MG	Palau National Communications Corporation

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.V.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>
Botswana	+267
Luxembourg	+352