

# ITU Operational Bulletin

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1210	15.XII.2020	1.XII.2020
1211	1.I.2021	11.XII.2020

# 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.

- 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)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 October 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

A. By AAP-80, 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.3057 (04/2020): Signalling requirements and architecture for interconnection between trustable network entities
- ITU-T Q.3745 (04/2020): Protocol for time constraint IoT-based applications over SDN
- ITU-T Q.3963 (04/2020): The compatibility testing of SDN-based equipment using OpenFlow protocol
- ITU-T Q.5022 (04/2020): Signalling procedure of energy efficient device-to-device communication for IMT-2020 network
- ITU-T X.609.5 (04/2020): Managed P2P communications: Multimedia streaming overlay management protocol
- ITU-T Y.2029 (2015) Amd. 1 (04/2020): Network Equipment based Multipath Transmission
- ITU-T Y.3154 (04/2020): Resource pooling for scalable network slice service management and orchestration in the IMT-2020 network
- ITU-T Y.3175 (04/2020): Functional architecture of machine learning based quality of service assurance for the IMT-2020 network
- ITU-T Y.3800 (2019) Cor. 1 (04/2020)
- ITU-T Y.3801 (04/2020): Functional requirements for quantum key distribution networks

B. By TSB Circular 242 of 23 April 2020, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T D.264 (04/2020): Shared uses of telecommunication infrastructure as possible methods for enhancing the efficiency of telecommunications

By TSB Circular 244 of 16 April 2020, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T X.1332 (03/2020): Security guidelines for smart metering services in smart grids
- ITU-T X.1365 (03/2020): Security methodology for the use of identity-based cryptography in support of Internet of things services over telecommunication networks
- ITU-T X.1372 (03/2020): Security guidelines for Vehicle-to-Everything (V2X) communication
- ITU-T X.1604 (03/2020): Security requirements of network as a service (NaaS) in cloud computing
- ITU-T X.1605 (03/2020): Security requirements of public infrastructure as a service (IaaS) in cloud computing
- ITU-T X.1364 (03/2020): Security requirements and framework for narrow band Internet of things

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

### Note by TSB

It has been reported to TSB that number ranges under the E.164 country code 888 are being marketed as premium rate numbers. The E.164 code 888 is currently RESERVED and thus any use of numbers under 888 constitutes misuse of international numbering resources. We invite concerned entities to take measure to prevent such misuse, in particular by not routing or terminating numbers under 888.

## 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 code (MNC) has been assigned.

<i>Network</i>	<i>Mobile Country Code (MCC) and Mobile Network Code (MNC)</i>	<i>Date of assignment</i>
Tampnet AS	901 71	28.IV.2020

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

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

### Denmark (country code +45)

Communication of 17.IV.2020:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Assignment – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Mobilevalue ApS	4416efgh and 4418efgh	1.IV.2020
MobiWeb Limited	30390fgh, 30840fgh, 30846fgh, 61497fgh, 81378fgh and 4417efgh	1.IV.2020
Telavox ApS	5433efgh	16.IV.2020
Firstcom Europe A/S	5435efgh	16.IV.2020

### Contact:

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## 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 2020

### Section VI

**SUP**

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## 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. 26)

**United States 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>
United States	<b>Workz Technologies Inc</b> 3948 3rd St S, Unit 345 Jacksonville Beach FL 32250	<b>89 1 054</b>	Brad Taylor 3948 3rd St S, Unit 345 Jacksonville Beach FL 32250 Tel.: +1 904 703 6455 E-mail: <a href="mailto:Brad.Taylor@workz.com">Brad.Taylor@workz.com</a>	20.IV.2020



**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.32)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Estonia ADD</b>		
	248 18	CLOUD COMMUNICATIONS OÜ
<b>Hungary LIR</b>		
	216 71	Vodafone Hungary Ltd
<b>International Mobile, shared code ADD</b>		
	901 71	Tampnet AS

\* 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 International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 October 2016)**

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)  
(Amendment No. 74)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>		<i>Name of the signalling point operator</i>
<i>ISPC</i>	<i>DEC</i>		
<b>Denmark SUP</b>			
2-077-0	4712	Copenhagen - Albertslund ISG	Telenor A/S
2-077-1	4713		Telenor A/S
<b>Estonia ADD</b>			
2-199-5	5693	STP EST1	CLOUD COMMUNICATIONS OÜ
2-199-6	5694	STP EST2	CLOUD COMMUNICATIONS OÜ
<b>Hungary LIR</b>			
2-212-1	5793	Monor_INT1	Vodafone Hungary Ltd
<b>United States SUP</b>			
3-027-1	6361	Los Angeles, CA	Sirius Telecommunications, Inc
3-051-1	6553	New York, NY	Sirius Telecommunications, Inc
3-193-1	7689	New York, NY	Sirius Telecommunications, Inc
<b>United States ADD</b>			
3-036-4	6436	Santa Paula, CA	Comsat, Inc.
3-046-6	6518	Southbury, CT	Comsat, Inc.
3-046-7	6519	Paumalu, HI	Comsat, Inc.

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

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

Web: [www.itu.int/itu-t/inr/nnp/index.html](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 15.IV.2020, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Iran (Islamic Republic of)	+98
Mongolia	+976