

ITU Operational Bulletin

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Table of Contents

	<i>Page</i>
GENERAL INFORMATION	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Assignment of Signalling Area/Network Codes (SANC): <i>Note from TSB</i>	4
Telephone Service:	
Denmark (<i>Danish Energy Agency, Copenhagen</i>)	5
Morocco (<i>Agence Nationale de Réglementation des Télécommunications (ANRT), Rabat</i>)	7
Service Restrictions	8
Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)	8
AMENDMENTS TO SERVICE PUBLICATIONS	
List of Issuer Identifier Numbers for the International Telecommunication Charge Card	9
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions	10
List of ITU Carrier Codes	11
List of Signalling Area/Network Codes (SANC)	11
List of International Signalling Point Codes (ISPC)	12
National Numbering Plan	13

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1221	1.VI.2021	14.V.2021
1222	15.VI.2021	30.V.2021
1223	1.VII.2021	15.VI.2021
1224	15.VII.2021	30.VI.2021
1225	1.VIII.2021	15.VII.2021
1226	15.VIII.2021	30.VII.2021
1227	1.IX.2021	13.VIII.2021
1228	15.IX.2021	1.IX.2021
1229	1.X.2021	15.IX.2021
1230	15.X.2021	30.IX.2021
1231	1.XI.2021	15.X.2021
1232	15.XI.2021	1.XI.2021
1233	1.XII.2021	15.XI.2021
1234	15.XII.2021	1.XII.2021
1235	1.I.2022	10.XII.2021

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)	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

Approval of ITU-T Recommendations

By AAP-103, 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.997.3 (04/2021): Physical layer management for MGfast transceivers
- ITU-T G.9711 (04/2021): Multi-gigabit fast access to subscriber terminals (MGfast) - Physical layer specification (New)
- ITU-T G.9961 (2018) Amd. 3 (04/2021)
- ITU-T G.9963 (2018) Amd. 1 (04/2021)
- ITU-T G.9991 (2019) Amd. 2 (04/2021)
- ITU-T J.481 (04/2021): Requirements of cable network for RF and IP secondary distribution of television programmes
- ITU-T Y.2343 (04/2021): Scenarios and Capability Requirements of Programmable Log Analysis in Next Generation Networks
- ITU-T Y.2623 (04/2021): Requirements and framework of Industrial Internet networking based on future packet based network evolution
- ITU-T Y.3179 (04/2021): Architectural framework for ML model serving in future networks including IMT-2020
- ITU-T Y.3653 (04/2021): Big data driven networking - Functional architecture

Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/1999))

Note from TSB

At the request of the Administration of the Republic of Uzbekistan, 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 (03/1999):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Uzbekistan (Republic of)	4-166

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

Denmark (country code +45)

Communication of 29.IV.2021:

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

- Withdrawal – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Mifon familie c/o Maxtel.dk.dk ApS	66201fgh, 66203fgh, 66204fgh, 66205fgh, 66206fgh, 66207fgh, 66208fgh, 66209fgh, 77102fgh, 77103fgh, 77104fgh, 77105fgh, 77106fgh, 77107fgh, 77108fgh, 77109fgh	28.IX.2020
Maxtel.dk ApS	43400fgh, 62600fgh	30.IX.2020
5tel c/o Maxtel.dk ApS	73733fgh, 46466fgh, 48486fgh, 72722fgh	30.IX.2020
5tel c/o Maxtel.dk ApS	66220fgh, 66221fgh, 66223fgh, 66224fgh, 66225fgh, 66226fgh, 66227fgh, 66228fgh, 66229fgh, 77110fgh, 77112fgh, 77113fgh, 77114fgh, 77115fgh, 77116fgh	30.IX.2020
Twilio Sweden AB	9229efgh	20.X.2020
TDC Net A/S	32310fgh; 32311fgh; 32318fgh; 32319fgh; 32347fgh; 32348fgh; 32349fgh; 33294fgh; 33295fgh; 33452fgh; 33453fgh; 33540fgh; 33541fgh; 33542fgh; 33660fgh; 35443fgh; 36325fgh; 36326fgh; 36385fgh; 36386fgh; 36387fgh; 38159fgh; 38547fgh; 38548fgh; 38549fgh; 39148fgh; 39149fgh; 43343fgh; 43344fgh; 43346fgh; 43348fgh; 43349fgh; 43385fgh; 43509fgh; 43849fgh; 43867fgh; 44215fgh; 44273fgh; 44511fgh; 44512fgh; 44513fgh; 44514fgh; 44589fgh; 44692fgh; 44801fgh; 44802fgh; 44804fgh; 45466fgh; 45471fgh; 45472fgh; 45713fgh; 45718fgh; 45920fgh; 45921fgh; 45995fgh; 46472fgh; 46479fgh; 47184fgh; 47185fgh; 47186fgh; 47378fgh; 47379fgh; 48384fgh; 48385fgh; 48386fgh; 48387fgh; 49285fgh; 54670fgh; 54671fgh; 54970fgh; 56207fgh; 56208fgh; 57878fgh; 57879fgh; 58219fgh; 58517fgh; 58518fgh; 59984fgh; 59985fgh; 59986fgh; 63272fgh; 63273fgh; 63274fgh; 63445fgh; 63446fgh; 63447fgh; 63448fgh; 64820fgh; 65567fgh; 65591fgh; 65596fgh; 65597fgh; 65598fgh; 65599fgh; 65710fgh; 73925fgh; 74314fgh; 74315fgh; 74333fgh; 74660fgh; 75608fgh; 76145fgh; 79139fgh; 79156fgh; 79213fgh; 79373fgh; 79374fgh; 79375fgh; 79376fgh; 79377fgh; 79378fgh; 79379fgh; 86734fgh; 86735fgh; 87285fgh; 87286fgh; 87287fgh; 87288fgh; 87289fgh; 87461fgh; 89201fgh; 89256fgh; 89257fgh; 89258fgh; 89273fgh; 89274fgh; 89275fgh; 89326fgh; 89335fgh; 89394fgh; 89396fgh; 89420fgh; 89421fgh; 89422fgh; 89424fgh; 89425fgh; 89426fgh; 89443fgh; 89521fgh; 89554fgh; 89555fgh; 89556fgh; 89557fgh; 89558fgh; 89559fgh; 96618fgh; 96619fgh; 96734fgh; 97219fgh; 97408fgh; 99215fgh; 99376fgh; 99391fgh; 99393fgh; 99394fgh; 99641fgh; 99642fgh; 99643fgh; 99759fgh; 99801fgh; 99897fgh	31.XII.2020

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Gigabit ApS	69886fgh	15.II.2021
Twilio Ireland Limited	78108fgh, 78109fgh, 79444fgh, 80902fgh, 89104fgh, 91304fgh, 91308fgh, 91309fgh	16.II.2021
Gigsky ApS	9240efgh, 9241efgh, 9242efgh, 9281efgh, 9283efgh	31.III.2021

- Withdrawal – Carrier selection code

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Colt Technology Services ApS	1071, 1072	11.XII.2020
Orange Business Denmark A/S	1009	19.II.2021

- Withdrawal – M2M communication

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
lpnordic A/S	3710888ijkl	11.II.2021
Gigsky ApS	37100103ijkl, 37100104ijkl, 37100105ijkl, 37100106ijkl, 37100107ijkl, 37100140ijkl, 37100141ijkl, 37100142ijkl, 37100143ijkl, 37100144ijkl, 37100145ijkl, 37100146ijkl, 37100147ijkl, 37100148ijkl, 37100149ijkl	31.III.2021

- Withdrawal – NSPC

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Gigabit ApS	NSPC4-5-50	15.II.2021

- Assignment – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
XPLORA Mobile Denmark ApS	61495fgh, 61496fgh, 61498fgh, 61499fgh, 91307fgh	01.VIII.2020
lpnordic A/S	49818fgh	04.IX.2020
Firstcome Europe	5436efgh	21.IX.2020
Flexonet ApS	30395fgh	01.X.2020
GULDNUMMER	3838efgh	01.X.2020
Twilio Ireland Limited	9229efgh	21.X.2020
Telavox ApS	3267efgh	21.X.2020
BSG Estonia OÜ	30841fgh	26.X.2020
Lancelot BV	4626efgh	15.XI.2020
Alka Fordele A/S	6930efgh	17.XI.2020
Telcom X ApS	70180fgh, 70170fgh	23.XI.2020
lpnordic A/S	4310efgh, 4880efgh	18.XII.2020
Flexfone A/S	4314efgh, 6917efgh	01.I.2021
Cobira ApS	91300fgh	28.I.2021
Uni-tel A/S	5434efgh	11.II.2021
Link Mobility A/S	61490fgh, 30842fgh	12.III.2021
SimService A/S	3570efgh, 3571efgh, 5710efgh, 5711efgh	12.III.2021
Comtalk DK ApS	703450gh, 70706fgh, 7273efgh, 8182efgh	12.III.2021

- Assignment – M2M communication

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Greenwave Mobile IoT ApS	37100158ijkl	12.III.2021

Contact:

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Morocco (country code +212)

Communication of 26.IV.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>		
5221	9	9	Fixed telephone networks	Itissalat Al-Maghrib ¹

¹ MAROC TELECOM

- Description of deletion of 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>Usage of E.164 number</i>	<i>Time and date of deletion</i>
5230	Fixed telephone networks	26/04/2021

Contact:

Motiaa Abdelhay
 Agence Nationale de Réglementation des Télécommunications (ANRT)
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 B.P. 2939
 RABAT 10100
 Morocco
 Tel.: +212 5 37 71 85 64
 E-mail: numerotation@anrt.ma
 URL: www.anrt.ma

Service Restrictions

See URL: 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/

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. 48)

France 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>
France	IP Directions 32 rue de Mogador 75 009 PARIS	89 33 37	IP Directions, NOC 32 rue de Mogador 75 009 PARIS Tel.: +33 (0)8 11 09 74 02 E-mail: noc@ipdirections.net	1.I.2021

Sweden LIR

<i>Country/ geographical area</i>	<i>Company Name/ Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Sweden	Sinch Sweden AB Lindhagensgatan 72 SE-112 18 STOCKHOLM	89 46 11	Ola Hanson Lindhagensgatan 72 SE-112 18 STOCKHOLM Tel.: +46 70 933 55 23 E-mail: ola.hanson@sinch.com

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	Expeto Wireless Inc. 920 SW 6th Avenue Portland, OR 97204	89 1 057	Brian Anderson 920 SW 6th Avenue Portland, OR 97204 Tel.: +1 855 273 5782 Fax: +1 503 776 7267 E-mail: info@expeto.io	26.IV.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. 54)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Australia ADD		
	505 52	Optitel Pty Ltd
Canada ADD		
	302 996	Powertech Labs (experimental)
Denmark ADD		
	238 88	Cobira ApS

* 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. 115)

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
Germany (Federal Republic of) / DEU	ADD	
Stadtwerke Dingolfing GmbH Wollerstrasse 3 D-84130 DINGOLFING	STWDGF	Mr Tobias Frank Tel.: +49 8731 5060 129 Fax: +49 8731 5060 39 E-mail: tobias.frank@stadtwerke-dingolfing.de

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. 14)

Numerical order **ADD**
4-166 Uzbekistan (Republic of)

Alphabetical order **ADD**
4-166 Uzbekistan (Republic 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. 15)

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>
Germany ADD			
2-037-7	4399	Frankfurt	UAB Intis Telecom
Germany LIR			
2-248-4	6084	Drillisch-Mobil-Duesseldorf	Drillisch Netz AG
2-251-6	6110	Drillisch-Mobil-Frankfurt	Drillisch Netz AG
5-251-6	12254	Frankfurt	STROTH Telecom GmbH
5-251-7	12255	Frankfurt	STROTH Telecom GmbH
7-249-7	16335	Frankfurt	STROTH Telecom GmbH
Switzerland ADD			
2-053-3	4523	Zürich-1	Datatrade AG
2-061-4	4588	Zürich-2	Datatrade AG
2-061-5	4589	Zürich-3	Datatrade AG
2-063-2	4602	Zürich-1	Intellico AG
2-063-4	4604	Zürich-2	Intellico AG
7-228-7	16167	Zürich-3	Intellico AG
Uzbekistan ADD			
4-164-0	9504	STP1	Universal Mobile Systems LLC
4-164-4	9508	MSS	Coscom LLC
4-164-5	9509	MSC151003	Unitel LLC
4-164-6	9510	Kokand	Uzbektelecom JSC
4-164-7	9511	Bukhara	Uzbektelecom JSC
4-165-0	9512	STP2	Universal Mobile Systems LLC
4-165-1	9513	Bukhara AXE-810	Uzbektelecom JSC
4-165-2	9514	Kokand AXE-810	Uzbektelecom JSC
4-165-3	9515	IMS	Uzbektelecom JSC
4-165-4	9516	SPS-1	UzMobile branch of Uzbektelecom JSC
4-165-5	9517	IMS-1	Uzbektelecom JSC
4-165-6	9518	IMS-2	Uzbektelecom JSC
Uzbekistan LIR			
4-164-1	9505	SPS-2	UzMobile branch of Uzbektelecom JSC
4-164-2	9506	Tashkent AXE-810	Uzbektelecom JSC
4-164-3	9507	Pakhta AXE-810	Uzbektelecom JSC

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

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), 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.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>
Belize	+501
Morocco	+212
Papua New Guinea	+675
Vanuatu	+678