

ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1131**

1.IX.2017

(Information received by 16 August 2017) 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>
GENERAL INFORMATION	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Telephone Service	
<i>Denmark (Danish Energy Agency, Copenhagen)</i>	5
<i>Ukraine (State Service of Special Communications and Information Protection of Ukraine, Kyiv)</i>	6
Service Restrictions	7
Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)	7
AMENDMENTS TO SERVICE PUBLICATIONS	
List of Ship Stations and Maritime Mobile Service Identity Assignments (List V)	8
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions	9
List of International Signalling Point Codes (ISPC)	10
List of ITU Carrier Codes.....	11
National Numbering Plan	14

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1132	15.IX.2017	1.IX.2017
1133	1.X.2017	15.IX.2017
1134	15.X.2017	29.IX.2017
1135	1.XI.2017	16.X.2017
1136	15.XI.2017	31.X.2017
1137	1.XII.2017	15.XI.2017
1138	15.XII.2017	1.XII.2017

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.

- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (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)
- 1111 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 1 November 2016)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)
- 1096 Legal time 2016
- 1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1055 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 July 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.PP-2006)
- 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))
- 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 (03/98)) (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 (03/2013)) | 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-18, 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.650.3 (08/2017): Test methods for installed single-mode optical fibre cable links
- ITU-T G.709/Y.1331 (2016) Cor. 1 (08/2017)
- ITU-T G.806 (2012) Cor. 3 (08/2017)
- ITU-T G.811.1 (08/2017): Enhanced Primary Reference Clock
- ITU-T G.874 (08/2017): Management aspects of optical transport network elements
- ITU-T G.987.2 (2016) Amd. 1 (08/2017)
- ITU-T G.989.2 (2014) Amd. 2 (08/2017)
- ITU-T G.997.2 (2015) Cor. 3 (08/2017)
- ITU-T G.998.4 (2015) Cor. 1 (08/2017)
- ITU-T G.7714.1/Y.1705.1 (08/2017): Protocol for automatic discovery in transport networks
- ITU-T G.8032/Y.1344 (2015) Cor. 1 (08/2017)
- ITU-T G.8051/Y.1345 (2015) Amd. 1 (08/2017)
- ITU-T G.8112/Y.1371 (2015) Amd. 1 (08/2017)
- ITU-T G.8113.2/Y.1372.2 (2015) Amd. 1 (08/2017)
- ITU-T G.8121/Y.1381 (2016) Amd. 1 (08/2017)
- ITU-T G.8132/Y.1383 (08/2017): MPLS-TP Ring Protection
- ITU-T G.8151/Y.1374 (08/2017): Management aspects of the MPLS-TP network element
- ITU-T G.8263/Y.1363 (08/2017): Timing characteristics of packet-based equipment clocks
- ITU-T G.8271/Y.1366 (2016) Amd. 1 (08/2017)
- ITU-T G.8271.2/Y.1366.2 (08/2017): Network limits for time synchronization in packet networks with partial timing support from the network
- ITU-T G.8272.1/Y.1367.1 (2016) Amd. 1 (08/2017)
- ITU-T G.8273.2/Y.1368.2 (2017) Amd. 1 (08/2017)
- ITU-T G.8275/Y.1369 (08/2017): Architecture and requirements for packet-based time and phase distribution
- ITU-T G.9807.2 (08/2017): 10 Gigabit-capable symmetric passive optical networks (XGS-PON): Reach extension
- ITU-T G.9903 (08/2017): Narrowband orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks
- ITU-T G.9961 (2015) Cor. 4 (08/2017)
- ITU-T G.9973 (08/2017): Protocol for identifying home network topology
- ITU-T G.9977 (2016) Cor. 1 (08/2017)
- ITU-T L.110 (08/2017): Optical fibre cables for direct surface application
- ITU-T L.206 (08/2017): Requirements for passive optical nodes: outdoor optical cross connect cabinet
- ITU-T L.404 (08/2017): Field mountable single-mode optical fibre connectors
- ITU-T L.1220 (08/2017): Innovative energy storage technology for stationary use - Part 1: Overview of energy storage
- ITU-T M.3020 (07/2017): Management interface specification methodology

Telephone Service (Recommendation ITU-T E.164)

url: www.itu.int/itu-t/inr/nnp

Denmark (country code +45)

Communication of 11.VIII.2017:

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

- assignment – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Supertel A/S	7872efgh	1.X.2017

- withdrawal – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Jaynet.dk	78105fgh, 78108efgh, 78109fgh, 39996fgh and 39997fgh	31.VIII.2017

Communication of 3.VIII.2017:

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>
ipnordic A/S	8140efgh	3.VIII.2017

- withdrawal – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Tel42 ApS	93750fgh, 93751fgh, 93752fgh, 93753fgh, 93756fgh, 93757fgh, 93758fgh and 93759fgh	31.VIII.2017

- withdrawal – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Tel42 ApS	9777efgh	31.VIII.2017

Contact:

Danish Energy Agency
Amaliegade 44
1256 COPENHAGEN K
Denmark
Tel: +45 33 92 67 00
Fax: +45 33 11 47 43
E-mail: ens@ens.dk
URL: www.ens.dk

Ukraine (country code +380)

Communications of 11.VIII.2017:

The *State Service of Special Communications and Information Protection of Ukraine*, Kyiv, announces the following updated list of National Destination Code (NDC) for the mobile service in Ukraine:

a) Overview:

Minimum number length (excluding the country code): 9 digits

Maximum number length (excluding the country code): 9 digits

b) Details of numbering scheme:

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		
50 (NDC)	9	9	Non-geographic number – mobile services assigned	PrJSC “VF Ukraine”
66 (NDC)	9	9	Non-geographic number – mobile services assigned	PrJSC “VF Ukraine”
95 (NDC)	9	9	Non-geographic number – mobile services assigned	PrJSC “VF Ukraine”
99 (NDC)	9	9	Non-geographic number – mobile services assigned	PrJSC “VF Ukraine”

Contact:

State Service of Special Communications and Information Protection of Ukraine
13 Solomianska Street,
03110 KYIV
Ukraine
Tel/Fax: +380 44 226 26 73
E-mail: doz_kom@dsszzi.gov.ua

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)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)

Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

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 Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2017

Section VI

ADD

FJ11 Future Electronics, 16 Avon place, Raiwaqa, Suva, FIJI.
E-Mail: Rovert.li@futureelectronics.com.fj
Contact person: Mr Robert Li, PO Box U104, USP, SUVA,
Tel.: 338 3300, 926 2971, rbtli99@yahoo.com

REP

GB01 A-N-D Group Plc, Tanners Bank, North Shields, Tyne & Wear,
NE301JH, United Kingdom.
Tel.: +44 191 258 1635, Fax: +44 191 258 8505, E-Mail: traffic@satcomglobal.com

GB05 A-N-D Group Plc, Tanners Bank, North Shields, Tyne & Wear,
NE30 1HJ, United Kingdom.
Tel.: +44 191 258 1635, Fax: +44 191 258 8505, E-Mail: traffic@satcomglobal.com

GB15 A-N-D Group Plc, Tanners Bank, North Shields, Tyne & Wear,
NE30 1HJ, United Kingdom.
Tel.: +44 191 258 1635, Fax: +44 191 258 8505, E-Mail: traffic@satcomglobal.com

GB22 A-N-D Group Plc, Tanners Bank, North Shields, Tyne & Wear,
NE30 1HJ, United Kingdom.
Tel.: +44 191 258 1635, Fax: +44 191 258 8505, E-Mail: traffic@satcomglobal.com

SUP

GR18 Radio Marine Electronics, 150, Kolokotroni Str., Piraeus 18536, Greece.

**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 1st November 2016)**

(Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)
(Amendment No. 19)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Canada ADD		
	302 130	Xplornet Communications
	302 131	Xplornet Communications
Ukraine SUP		
	255 02	Ukrainian Radio Systems, URS
	255 05	Golden Telecom
Ukraine ADD		
	255 02	PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR)
	255 07	LIMITED LIABILITY COMPANY "TRYMOB" (LLC "TRYMOB")
Ukraine LIR		
	255 01	PRIVATE JOINT STOCK COMPANY "VF UKRAINE" (PRJSC "VF UKRAINE")
	255 03	PRIVATE JOINT STOCK COMPANY KYIVSTAR (JSC KYIVSTAR)
	255 04	LIMITED LIABILITY COMPANY "INTERNATIONAL TELECOMMUNICATIONS" (LLC INTERTELECOM)
	255 06	LIMITED LIABILITY COMPANY "LIFECCELL" (LLC "LIFECCELL")
	255 21	PRIVATE JOINT STOCK COMPANY "TELESYSTEMS OF UKRAINE" (PJSC "TELESYSTEMS OF UKRAINE")

* 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. 20)

<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>		
Ukraine LIR			
2-214-2	5810	Kyiv ISC_1	PrJSC "VF Ukraine"
2-216-6	5830	KyivISC	PrJSC "VF Ukraine"
6-241-4	14220	KIE/STP3	PrJSC "VF Ukraine"
6-241-5	14221	ODE/STP1	PrJSC "VF Ukraine"
6-241-6	14222	Kyiv IGW	PrJSC "VF Ukraine"

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

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. 48)

<i>Country or area/ISO code</i> <i>Company Name/Address</i>	<i>Company Code</i> <i>(carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	ADD	
BBCom Berlin-Brandenburgische Communicationsgesellschaft mbH Goslaer Ufer 39 10589 BERLIN	BBCOM	Mr Andreas Gaertig Tel: +49 341 60952 445 Fax: +49 341 60952 903 E-mail: andreas.gaertig@telecolumbus.de
Breitband Versorgung Deutschland GmbH Robert-Bosch-Strasse 32 63303 DREIEICH	BBV000	Mrs A. Schmitz Tel: +49 6103 9999 893 Fax: +49 6103 9999 888 E-mail: aschmitz@bbv-deutschland.de
Breitband Versorgung Münsterland GmbH Robert-Bosch-Strasse 32 63303 DREIEICH	BBV002	Mrs A. Schmitz Tel: +49 6103 9999 893 Fax: +49 6103 9999 888 E-mail: aschmitz@bbv-deutschland.de
Breitband Versorgung Ostwestfalen GmbH Robert-Bosch-Strasse 32 63303 DREIEICH	BBV003	Mrs A. Schmitz Tel: +49 6103 9999 893 Fax: +49 6103 9999 888 E-mail: aschmitz@bbv-deutschland.de
Breitband Versorgung Rhein-Neckar GmbH Robert-Bosch-Strasse 32 63303 DREIEICH	BBV001	Mrs A. Schmitz Tel: +49 6103 9999 893 Fax: +49 6103 9999 888 E-mail: aschmitz@bbv-deutschland.de
Energieversorgung Filstal GmbH & Co. KG Grosseislinger Strasse 28 - 34 73033 GOEPPINGEN	EVFIGP	Mr Andreas Bantel Tel: +49 7161 6101 140 Fax: +49 7161 6101 255 E-mail: andreas.bantel@evf.de
euromicron Deutschland GmbH Baumeisterallee 13 - 15 04442 ZWENKAU	EMD04	Mr Holger Foedisch Tel: +49 34203 446814 Fax: +49 34203 446820 E-mail: holger.foedisch@euromicron- deutschland.de

foncloud GmbH & Co.KG
Hahlweg 2a
36093 KUENZELL

F CLOUD

Mr Peter Krug
Tel: +49 661 968990 00
Fax: +49 661 968990 98
E-mail: support@foncloud.net

I-Netpartner GmbH Online Services
Fraunhoferstrasse 4
73037 GOEPPINGEN

I NETP

Mr Hans-Peter Straub
Tel: +49 7161 98499 55
Fax: +49 7161 98499 56
E-mail: technik@i-netpartner.de

NEXTWERK IT-Services GmbH
Wetterkreuz 27
91058 ERLANGEN

N XTWRK

Mr Henning Schneck
Tel: +49 9131 5338980
Fax: +49 9131 5338988
E-mail: info@nextwerk.de

RAPIDATA GmbH
Ziegelweg 20
79100 ESCHBACH

R A D A T A

Mr Arton Binakaj
Tel: +49 7634 3500011
Fax: +49 7634 3500019
E-mail: arton.binakaj@rapidata.de

Stadtwerke Schneverdingen-Neuenkirchen GmbH
Harburger Strasse 21
29640 SCHNEVERDINGEN

S W S V N K

Mr Moritz Kawaletz
Tel: +49 5193 9888 36
Fax: +49 5193 9888 98
E-mail: m.kawaletz@heidjers-
stadtwerke.de

Stephan Konheiser
EDV-Studio
Tannscharn 7
91448 EMSKIRCHEN

K O N H E I

Mr Stephan Konheiser
Tel: +49 9104 8296620
Fax: +49 9104 8296643
E-mail: s.konheiser@edv-studio.de

Tele Columbus Berlin-Brandenburg
GmbH & Co.KG
Goslaer Ufer 39
10589 BERLIN

T C B B

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Cottbus GmbH
Gerhart-Hauptmann-Strasse 15 / Sued 6
03044 COTTBUS

T C C O T B

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Hessen GmbH
Goslaer Ufer 39
10589 BERLIN

T C H E S S

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Germany (Federal Republic of) / DEU**ADD**

Tele Columbus Kabel Service GmbH
Goslaer Ufer 39
10589 BERLIN

TCKS

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Multimedia GmbH
Goslaer Ufer 39
10589 BERLIN

TCMULT

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Netze Berlin GmbH
Goslaer Ufer 39
10589 BERLIN

TCNETZ

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Sachsen-Thüringen GmbH
Goeschwitzer Strasse 22
07745 JENA

TCSATH

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

Tele Columbus Sachsen-Anhalt GmbH
Goslaer Ufer 39
10589 BERLIN

TCSAAN

Mr Andreas Gaertig
Tel: +49 341 60952 445
Fax: +49 341 60952 903
E-mail: andreas.gaertig@telecolumbus.de

WEBDISCOUNT GmbH & Co. KG
Hafenweg 9
48155 MUENSTER

WEBD

Mr Michael Boehme
Tel: +49 251 263930 0
Fax: +49 251 263930 49
E-mail: mboehme@webdiscount.net

Germany (Federal Republic of) / DEU LIR

Jens Dreiheller – Lodaya Technologies
Hofer Strasse 32 A
91056 ERLANGEN

LODAYA

Mr Jens Dreiheller
Tel: +49 3222 2132461
Fax: +49 3222 2133859
E-mail: info@lodaya.net

Stadtwerke Barmstedt Xtra GmbH
Bahnhofstrasse 27
25355 BARMSTEDT

SNBG

Mr Fred Freyermuth
Tel: +49 4123 68151
Fax: +49 4123 68178
E-mail: freyermuth@stadtwerke-barmstedt.de

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 1.VIII.2017, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Greenland	+299