ITU Operational Bulletin

www.itu.int/itu-t/bulletin

Table of Contents

www.itu.int

	Dates of publication of the next Operational Bulletins	Including information received by:
1164	15.I.2019	31.XII.2018
1165	1.II.2019	15.I.2019
1166	15.II.2019	1.II.2019
1167	1.III.2019	15.II.2019
1168	15.III.2019	1.III.2019
1169	1.IV.2019	15.III.2019
1170	15.IV.2019	1.IV.2019
1171	1.V.2019	12.IV.2019
1172	15.V.2019	26.IV.2019
1173	1.VI.2019	15.V.2019
1174	15.VI.2019	31.V.2019
1175	1.VII.2019	14.VI.2019
1176	15.VII.2019	28.VI.2019
1177	1.VIII.2019	15.VII.2019
1178	15.VIII.2019	31.VII.2019
1179	1.IX.2019	16.VIII.2019
1180	15.IX.2019	30.VIII.2019
1181	1.X.2019	16.IX.2019
1182	15.X.2019	1.X.2019
1183	1.XI.2019	15.X.2019
1184	15.XI.2019	1.XI.2019
1185	1.XII.2019	15.XI.2019
1186	15.XII.2019	2.XII.2019

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 (03/99)) (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)

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

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.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-49, 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.875 (12/2018): Optical transport network: Protocol-neutral management information model for the network element view

– ITU-T G.8052/Y.1346 (12/2018): Protocol-neutral management information model for the Ethernet transport capable network element

– ITU-T G.8152/Y.1375 (12/2018): Protocol-neutral management information model for the MPLS-TP network element

– ITU-T Q.4042.1 (12/2018): Cloud interoperability testing about web application - part 1: Interoperability testing between CSC and CSP

– ITU-T X.609.6 (12/2018): Managed P2P communications: Content distribution signalling requirements

– ITU-T X.609.7 (12/2018): Managed P2P communications: Content distribution peer protocol

– ITU-T Y.2242 (12/2018): Service function chaining in mobile network

– ITU-T Y.2323 (12/2018): Requirements and capabilities of orchestration in next generation network evolution

– ITU-T Y.2815 (12/2018): Mobility supporting architecture for mobile Peer to Peer service in heterogeneous wireless networks

– ITU-T Y.3053 (2018) Amd. 1 (12/2018): Trustworthy networking deployment architecture and procedures

– ITU-T Y.3104 (12/2018): Architecture of the IMT-2020 network

– ITU-T Y.3105 (12/2018): Requirements of capability exposure in the IMT-2020 network

– ITU-T Y.3112 (12/2018): Framework for the support of network slicing in the IMT-2020 network

– ITU-T Y.3324 (12/2018): Requirements and Architectural Framework for Autonomic Management and Control of IMT-2020 Networks

– ITU-T Y.3507 (12/2018): Cloud computing - Functional requirements of physical machine

– ITU-T Y.3514 (2017) Cor. 1 (12/2018)

– ITU-T Y.3517 (12/2018): Cloud computing - Overview of inter-cloud trust management

– ITU-T Y.3518 (12/2018): Cloud computing - functional requirements of inter-cloud data management

– ITU-T Y.3519 (12/2018): Cloud computing - Functional architecture of Big Data as a Service

– ITU-T Y.3602 (12/2018): Big data - Functional requirements for data provenance

– ITU-T Y.3651 (12/2018): Big-data-driven networking - mobile network traffic management and planning

Assignment of Signalling Area/Network Codes (SANC)
(Recommendation ITU-T Q.708 (03/99))

Note from TSB

At the request of the Administration of Ireland, 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):

Country/geographical area or signalling network	SANC
Ireland	5-214

_____

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

Jordan (country code +962)

Communication of 6.XII.2018:

The *Telecommunications Regulatory Commission (TRC),* Amman, announces the allocation of new number ranges as follows:

Service	Operator	Number ranges	Governorate	Activation date
Fixed / Geographic telecommunications	Al Bahrainia Al Urdunia Liltaknia Wa Alitisalat	+962 6 222 XXXX	Amman	Immediate

Contact:

    Eng. Hala Kharbat
       Telecommunications Services and Networks Regulation Department
       Telecommunications Regulatory Commission (TRC)
       Shmeisani - Abdel Hamid Sharaf Street,
       Building No. 90
       AMMAN 11194
       Jordan
       Tel: +962 6 5501120 ext: 2330
       Fax: +962 6 5690830
       E-mail: hala.kharbat@trc.gov.jo

Mauritius (country code +230)

Communication of 7.XII.2018:

The *Information and Communication Technologies Authority (ICTA),* Port-Louis, announces that number block +230 583X XXXX is allocated to the operator "Cellplus Mobile Communications Ltd" for Mobile services since 1 January 2013.

All Administrations, recognized operating agencies and service providers are kindly requested to ensure access to this number block.

Contact:

       Mr Nikhil JORAI
       Information and Communication Technologies Authority (ICTA)
       Level 12 The Celicourt
       6, Sir Celicourt Antelme Street
       PORT LOUIS
       Mauritius
       Tel: +230 217 2222
       Fax : +230 217 7777
       E-mail:icta@intnet.mu
       URL: www.icta.mu

Sao Tome and Principe (country code +239)

Communication of 11.XII.2018:

The *Autoridade Geral de Regulação (AGER)*, São Tomé, announces the following dialling procedures and Legal Time:

Country Code: 239
International Prefix: 00
National Prefix: Not available
Length of national (significant) number (excluding the national prefix):   minimum 3 digits
                                                                             maximum 7 digits

Universal Time Coordinated/Summer Time: **UTC+00**

Remarks: Legal Time that is currently UTC+01, will be set from **1st January 2019** at 02:00H AM to **UTC** according to the Government **Decree no. 34/2018** of 11th December 2018.

Contact:
       Eng. Candido Frota
       President
       Autoridade Geral de Regulação (AGER)
       Avenida 12 de Julho N° 54
       SÃO TOMÉ
       Sao Tome and Principe
       Tel: +239 2224995
       Email: candidofrota1963@gmail.com

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

Country/geographical area	OB
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Principe	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 – 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 2018

Section VI

ADD

DP12   Airbus Defence and Space GmbH, Willy-Messerschmitt-Strasse 1, 82024, Taufkirchen.
E-Mail: stefan.gramolla@airbus.com, Tel: +49 89 31 79 51 82,
Fax: +49 89 31 79 64 50, URL: www.airbus.com,
Contact person: Stefan Gramolla.

DP15   GESAT GmbH, Hanauer Landstrasse 121a, 60314, Frankfurt Germany.
E-Mail: einetter@gestat.com, Tel: +49 69 96 21 80 13,
Fax: +49 69 96 21 80 99, URL: www.gesat.com,
Contact person: Hubert Einetter

GR12   RADIOHELLENIC MANAGEMENT AND EXPLOITATION COMPAGNY Single
Member P.C Posidonos 26, GR 175 61 P Faliro, Athens, Greece.

REP

    DP04   DH-INTERCOM GmbH & Co. KG, Lauenburger Landstrasse 11,
21039 Boernsen, Germany.
E-Mail: info.de@speedcast.com, Tel: +49 40 53 797-8290,
URL: www.dh-intercom.de,
Contact Person: Stefan Alberts.

    DP05   DH-INTERCOM GmbH & Co. KG, Lauenburger Landstrasse 11,
21039 Boernsen, Germany.
E-Mail: info.de@speedcast.com, Tel: +49 40 53 797-8290,
URL: www.dh-intercom.de,
Contact Person: Stefan Alberts.

    DP16   Pro Nautas B.V. GmbH, Hafenstrasse 2a, 26789 Leer, Germany.
E-Mail: SListewnik@pro-nautas.de, Tel: +49 17 49 09 91 99,
URL: www.pro-nautas.com,
Contact Person: Stephan Listewnik.

SUP

    DP09   MoBillan GmbH, P.O. Box 31 01 23, D-53201 Bonn, Germany.
E-Mail: info@mobillan.com, Tel: +49 228 422690,
Fax: +49 228 4226916, URL: www.mobillan.com.

    DP10   Satellution Gesellschaft für Satellitenkommunikation mbH, Heinrich-Böcking Str. 7,
D-66121 Saarbrücken, Germany.

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. 2)

Hong Kong, China   SUP

Country/Geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of cancellation
Hong Kong, China	**Tai Tung Mobile Phone Company Limited** Room 405, Tung Ning Building, 249-253 Des Voeux Road Central Hong Kong	**89 852 33**	Pong Yip Nam Room 1223A, 12/F Star House, 3 Salisbury Road, Tsim Sha Tsui Kowloon, Hong Kong Tel: +852 3161 5057 E-mail: yn.pong@mvne.asia	31.XII.2018

Hong Kong, China   LIR

Country/Geographical area	Company Name/Address	Issuer Identifier Number	Contact
Hong Kong, China	**21Vianet Group Limited** 37/F, Tower 1, MetroPlaza 223 Hing Fong Road Kwai Fong, New Territories Hong Kong	**89 852 21**	Ms Karen Hsu 37/F, Tower 1, MetroPlaza, 223 Hing Fong Road, Kwai Fong, New Territories, Hong Kong Tel: +852 3568 9956 Fax: +852 3565 4903 E-mail: karen.hsu@21vianet.com

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. 71)

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
Germany (Federal Republic of) / DEU	**ADD**	
EWR Aktiengesellschaft Lutherring 5 67547 WORMS	**EWRAG**	Mr Thorsten Volz Tel.: +49 6241 848 328 Fax: +49 6241 848 500 E-mail: volz@ewr.de
FairNetz GmbH Hauffstrasse 89 72762 REUTLINGEN	**FNETRT**	Mr Erwin Romeser Tel.: +49 7121 5823250 Fax: +49 7121 5823114 E-mail: erwin.romeser@fairnetzgmbh.de
LWLcom GmbH Ladestrasse 35a 28197 BREMEN	**LWLCOM**	Mr Simon Frerichs Tel.: +49 421 9888878 Fax: +49 421 9888899 E-mail : support@lwlcom.com
nvb Nordhorner Versorgungsbetriebe GmbH Gildkamp 10 48529 NORDHORN	**130010**	Mr Frank Beernink Tel.: +49 5921 301 254 E-mail : frank.beernink@nvb.de
Stadtwerke Rostock AG Schmarler Damm 5 18069 ROSTOCK	**SWRAG**	Mr Hubert Enders Tel.: +49 381 805 1765 Fax: +49 381 805 2701 E-mail : provider@swrag.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. 5)

Numerical order   ADD

      5-214   Ireland

Alphabetical order   ADD

      5-214   Ireland

_____

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 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 48)

Country/ Geographical Area		Unique name of the signalling point	Name of the signalling point operator
ISPC	DEC		
Azerbaijan LIR			
4-070-0	8752	BAKU_INT_N7	Aztelekom LLC
4-070-1	8753	BAKU_INT_N7_	Aztelekom LLC
4-070-2	8754	BAKU_INT_N7_1	Aztelekom LLC
4-070-3	8755	Nakhchivan Toll	Ministry of Communications and New Technologies of the Nakhchivan Autonomous Republic of Azerbaijan
4-070-4	8756	MSOFTX3000_2	AzerTelecom LLC
4-070-5	8757	GWMSG-1	Azercell Telecom LLC
4-070-6	8758	GWMSG-2	Azercell Telecom LLC
4-070-7	8759	MSOFTX3000_1	AzerTelecom LLC
4-071-0	8760	STP BTC_1E	Azerfon LLC
4-071-1	8761	STPCS3_2E	Azerfon LLC
4-071-2	8762	STP BHQ_1	Bakcell LLC
4-071-3	8763	STP BHQ_2	Bakcell LLC
4-071-4	8764	Class-4 IGW Network	AzInTelecom MMC
4-071-5	8765	BAKU_INT_N7_2	Aztelekom MMC
4-071-6	8766	STP-1	Azercell Telecom LLC
4-071-7	8767	STP-2	Azercell Telecom LLC
Ireland ADD			
5-216-4	11972	TB0M5581	Three Ireland (Hutchison) Limited
5-216-5	11973	TB01M5582	Three Ireland (Hutchison) Limited
5-216-6	11974	TB0MGW01	Three Ireland (Hutchison) Limited
5-216-7	11975	TB0MGW02	Three Ireland (Hutchison) Limited
Ireland LIR			
6-225-3	14091	CPWPC01	Carphone Warehouse
6-225-4	14092	CPWPC02	Carphone Warehouse
6-225-5	14093	CPWPC03	Carphone Warehouse
6-246-6	14262	W30	Three Ireland (Hutchison) Limited
Panama SUP			
7-029-0	14568	ISC4	Cable and Wireless Panama S.A.
Zimbabwe SUP			
6-097-6	13070	Aptics Trading	Aptics Trading (Pvt) ltd

Country/ Geographical Area		Unique name of the signalling point	Name of the signalling point operator
ISPC	*DEC*		
Zimbabwe	**LIR**		
6-095-1	13049	Econet Pockets Hill STP	Econet
6-095-2	13050	Econet Willowvale STP	Econet
6-095-3	13051	HRE-ZTE-MSC1-2	NetOne (Pvt) Ltd
6-096-5	13061	Econet Pockets Hill GMSC	Econet Wireless
6-097-0	13064	Econet Willowvale GMSC	Econet Wireless

_____

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