|  |  |  |  |
| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1163** | 1.I.2019 | (Information received by 12 December 2018) 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**](mailto:brmail@itu.int) |

# Table of Contents

*Page*

**GENERAL INFORMATION**

Lists annexed to the ITU Operational Bulletin: *Note from TSB* 3

Approval of ITU-T Recommendations 4

Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99)) 5

Telephone Service:

*Jordan (Telecommunications Regulatory Commission (TRC), Amman)* 6

*Mauritius**(Information and Communication Technologies Authority (ICTA), Port-Louis)* 6

*Sao Tome and Principe (Autoridade Geral de Regulação (AGER), São Tomé)* 7

Service Restrictions 8

Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006) 8

**AMENDMENTS TO SERVICE PUBLICATIONS**

List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) 9

List of Issuer Identifier Numbers for the International Telecommunication Charge Card 11

List of ITU Carrier Codes 12

List of Signalling Area/Network Codes (SANC) 13

List of International Signalling Point Codes (ISPC) 14

| *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](http://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](mailto:stefan.gramolla@airbus.com), Tel: +49 89 31 79 51 82,

Fax: +49 89 31 79 64 50, URL: [www.airbus.com](http://www.airbus.com),

Contact person: Stefan Gramolla.

**DP15** GESAT GmbH, Hanauer Landstrasse 121a, 60314, Frankfurt Germany.

E-Mail: [einetter@gestat.com](mailto:einetter@gestat.com), Tel: +49 69 96 21 80 13,

Fax: +49 69 96 21 80 99, URL: [www.gesat.com](http://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](mailto:info.de@speedcast.com), Tel: +49 40 53 797-8290,

URL: [www.dh-intercom.de](http://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](mailto:info.de@speedcast.com), Tel: +49 40 53 797-8290,

URL: [www.dh-intercom.de](http://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](mailto:SListewnik@pro-nautas.de), Tel: +49 17 49 09 91 99,

URL: [www.pro-nautas.com](http://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](mailto:info@mobillan.com), Tel: +49 228 422690,

Fax: +49 228 4226916, URL: [www.mobillan.com](http://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 Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***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 |
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| 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).