ITU Operational Bulletin

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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-88, 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 H.266 (08/2020): Versatile video coding

– ITU-T H.274 (08/2020): Versatile supplemental enhancement information messages for coded video bitstreams

– ITU-T X.510 (08/2020): Information technology - Open Systems Interconnection - The Directory: Protocol specifications for secure operations

– ITU-T Y.4210 (08/2020): Requirements and use cases for universal communication module of mobile IoT devices

– ITU-T Y.4469 (08/2020): Reference architecture of spare computational capability exposure of IoT devices for smart home

– ITU-T Y.4470 (08/2020): Reference architecture of artificial intelligence service exposure for smart sustainable cities

– ITU-T Y.4473 (08/2020): SensorThings API - Sensing

– ITU-T Y.4474 (08/2020): Functional architecture for IoT services based on Visible Light Communications

– ITU-T Y.4475 (08/2020): Lightweight intelligent software framework for IoT devices

– ITU-T Y.4558 (08/2020): Requirements and functional architecture of smart fire smoke detection service

– ITU-T Y.4560 (08/2020): Blockchain-based data exchange and sharing for supporting Internet of things and smart cities and communities

– ITU-T Y.4561 (08/2020): Blockchain-based Data Management for supporting Internet of things and smart cities and communities

– ITU-T Y.4808 (08/2020): Digital entity architecture framework to combat counterfeiting in IoT

– ITU-T Y.4907 (08/2020): Reference architecture of blockchain-based unified KPI data management for smart sustainable cities

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 codes (MNC) have been **assigned**.

Network	Mobile Country Code (MCC) and Mobile Network Code (MNC)	Date of assignment
Bouygues Telecom	901 77	28.VIII.2020

Telephone Service
(Recommendation ITU-T E.164)

Mauritius (country code +230)

Communication of 20.VIII.2020:

The *Information and Communication Technologies Authority (ICTA),* Port-Louis, announces that new mobile number ranges have been opened in the Republic of Mauritius by the following mobile operators since 12 August 2019.

Operator	Usage of ITU-T E.164 number	Dialling Format
Emtel Ltd	Non-geographic mobile numbers	+230 545X XXXX
Cellplus Mobile Communications Ltd	Non-geographic mobile numbers	+230 526X XXXX

Contact:

      Mr J. Louis
      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

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-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 ITU-T Recommendation E.118 (05/2006)) (Position on 1 December 2018)

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)
(Amendment No. 33)

France   SUP

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of cancellation
France	**Thales SA** 31 place des Corolles - CS20001 92098 LA DÉFENSE CEDEX	**89 33 26**	Stephane Quetglas Avenue du Jujubier, Z.I. Athélia IV, 13705 LA CIOTAT Cedex E-mail: stephane.quetglas@thalesgroup.com	16.VII.2020

France   ADD

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
France	**Thales SA** 31 place des Corolles - CS20001 92098 LA DÉFENSE CEDEX	**89 33 90**	Stephane Quetglas Avenue du Jujubier, Z.I. Athélia IV, 13705 LA CIOTAT Cedex E-mail: stephane.quetglas@thalesgroup.com	16.VII.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. 39)

Country/Geographical area	MCC+MNC *	Operator/Network
Spain ADD		
	214 14	AVATEL MÓVIL, S.L.U.
International Mobile, shared code ADD		
	901 77	Bouygues Telecom

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* 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. 101)

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
Germany (Federal Republic of) / DEU	**ADD**	
Cable4 GmbH Wichernstrasse 2 D-76185 KARLSRUHE	**CABLE4**	Mr Sasa Vujinovic Tel.: +49 721 60286 242 Fax: +49 721 60286 28 Email: sasa.vujinovic@cable4.de
E.ON Energie Deutschland GmbH Arnulfstrasse 203 D-80634 MUNICH	**EONTEL**	Mr Maximilian Schardt Tel.: +49 89 1254 1962 Email: maximilian.schardt@eon.com
KTT Telecom AG An der Kolonnade 11 D-10117 BERLIN	**5TKK70**	Mr Immad Allan Tel.: +49 173 7239634 Email: immad.a@ktt-telecom.de
Stadtwerke Lauterbach GmbH Hinter dem Spittel 15 D-36341 LAUTERBACH	**STWLAU**	Mrs Dr. Beate Rickert Tel: +49 69 1534894 50 Fax: +49 69 1534894 70 E-mail:beate.rickert@kpr-capital.com
Stadtwerke Versmold GmbH Nordfeldstrasse 5 D-33775 VERSMOLD	**SWVERS**	Mrs Ute Stiller Tel.: +49 5423 9519 305 Email: funkverbindung@stadtwerke-versmold.de

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. 4)

Country/ Geographical Area

ISPC	DEC	Unique name of the signalling point	Name of the signalling point operator
Germany	**LIR**		
2-033-4	4364	Hamburg	dtms GmbH
2-122-6	5078	Frankfurt	dtms GmbH
2-247-4	6076	Berlin	dtms GmbH

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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.VIII.2020, the following countries/geographical areas/global networks have updated their national numbering plan on our site:

Country/ Geographical area/ Global network	*Country Code (CC)*
Iridium Satellite LLC	+881 6 and +881 7