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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1204** | 15.IX.2020 | (Information received by 1 September 2020) ISSN 1564-5223 (Online) | |
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| 1206 | 15.X.2020 | 1.X.2020 |
| 1207 | 1.XI.2020 | 15.X.2020 |
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| 1209 | 1.XII.2020 | 16.XI.2020 |
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| 1211 | 1.I.2021 | 11.XII.2020 |

# 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](http://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)

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

**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 | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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 Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

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

\_\_\_\_\_\_\_\_\_\_\_\_

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](mailto: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 |