

# 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.

- 1317 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (Position on 1 June 2025)
- 1295 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2024)
- 1293 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2024)
- 1283 List of Issuer Identifier Numbers (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 31 December 2023)
- 1280 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 November 2023)
- 1251 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 September 2022)
- 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)
- 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) | <a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>             |
| Bureaufax Table (ITU-T Rec. F.170)            | <a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a> |
| List of recognized operating agencies (ROAs)  | <a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>             |

## Approval and deletion of ITU-T Recommendations

### Approved Recommendations:

By [AAP-25](#), 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 Y.4238 \(11/2025\)](#): Requirements for integrating virtual and physical worlds through digital twins in the metaverse
- [ITU-T Y.4239 \(11/2025\)](#): Reference model for integrating virtual and physical worlds through digital twins in the metaverse
- [ITU-T Y.4240 \(11/2025\)](#): Interoperability for integrating virtual and physical worlds through digital twins in the metaverse
- [ITU-T Y.4417 \(11/2025\)](#): Framework of self-organization networking in Internet of things environments
- [ITU-T Y.4477 \(11/2025\)](#): Framework for autonomous service interworking with device discovery and management in heterogeneous Internet of things environments
- [ITU-T Y.4511 \(11/2025\)](#): Convergence framework for enhancement of service intelligence based on Internet of things
- [ITU-T Y.4513 \(11/2025\)](#): Requirements and functional architecture for blockchain-based sustainable and cooperative digital twin creation system
- [ITU-T Y.4610 \(11/2025\)](#): Data requirements and models for smart pest and disease management services
- [ITU-T Y.4611 \(11/2025\)](#): Requirements and data model of data collected from city infrastructure
- [ITU-T Y.4612 \(11/2025\)](#): Framework of Artificial Intelligence of Things
- [ITU-T Y.4613 \(11/2025\)](#): Functional requirements and capabilities of data processing for smart manufacturing with Artificial Intelligence of Things

By TSB Circular [CIR-85](#) of 05 November 2025, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- [ITU-T F.748.56 \(10/2025\)](#): Artificial intelligence generated content – General framework and requirements
- [ITU-T F.748.57 \(10/2025\)](#): Technical requirements and assessment methods of generative artificial intelligence enabled multimedia applications

By TSB Circular [CIR-89](#) of 19 November 2025, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- [ITU-T Y.3188 \(10/2025\)](#): IMT-2020 networks and beyond – Requirements and functions for applications demanding large data transmission
- [ITU-T Y.3221 \(11/2025\)](#): Fixed, mobile and satellite convergence - Local data switching for IMT-2020 networks and beyond
- [ITU-T Y.3222 \(10/2025\)](#): Fixed, mobile and satellite convergence – Functional requirements and functional architecture of the transformer model based unified control entity
- [ITU-T Y.3261 \(11/2025\)](#): Framework of trust level assessment for trustworthy networking

By TSB Circular [CIR-91](#) of 10 November 2025, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

- [ITU-T D.1142 \(11/2025\)](#): Guidelines on economic and policy aspects of Internet of things (IoT)

### Deleted Recommendations

None

## Telephone Service (Recommendation ITU-T E.164)

url: [www.itu.int/itu-t/nnp](http://www.itu.int/itu-t/nnp)

### Malta (country code +356)

Communication of 6.XII.2025:

The *Malta Communications Authority (MCA)*, Floriana, announces an update of the National Numbering Plan (NNP) of Malta. The main numbering ranges are:

| <i>Service</i>                                                                       | <i>Operator</i> | <i>Numbering Ranges</i>                                                            |
|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|
| Fixed                                                                                | GO              | 2100 – 2399 XXXX<br>2500 – 2599 XXXX                                               |
|                                                                                      | Melita          | 2600 – 2609 XXXX<br>2700 – 2799 XXXX<br>2010 – 2018 XXXX<br>2060 XXXX<br>2065 XXXX |
|                                                                                      | Vanilla         | 2031 – 2034 XXXX<br>2069 XXXX                                                      |
|                                                                                      | Epic            | 2090 – 2099 XXXX                                                                   |
| Mobile                                                                               | GO Mobile       | 7900 – 7999 XXXX<br>9889 XXXX<br>7210 XXXX                                         |
|                                                                                      | Epic            | 9900 – 9999 XXXX<br>9696 XXXX<br>9897 XXXX<br>9210 – 9211 XXXX<br>9231 XXXX        |
|                                                                                      | Melita Mobile   | 7700 – 7799 XXXX<br>9811 – 9813 XXXX                                               |
| M2M/IoT Connectivity Services and other<br>Non-Interpersonal Communications Services | Melita          | 40001 – 40038 XXXXX<br>40040 – <b>40051</b> XXXXX                                  |
|                                                                                      | GO              | 40079 XXXXX                                                                        |
|                                                                                      | Epic            | 40099 XXXXX                                                                        |

All Administrations and Recognized Operating Agencies (ROAs) are requested to urgently programme their switches to enable immediate access to these numbering ranges. Furthermore, the National Numbering Plan is updated in real-time and is made available on the MCA website at the following link:

<https://www.mca.org.mt/regulatory/numbering/numbering-plans>.

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URL: [www.mca.org.mt](http://www.mca.org.mt)

## Morocco (country code +212)

Communication of 13.XII.2025:

The *Agence Nationale de Réglementation des Télécommunications (ANRT)*, Rabat, announces the following updates to the national telephone-numbering plan of Morocco.

*Description of introduction of new resource  
for national E.164 numbering plan for country code +212:*

- new NDCs below have recently been introduced as follows:

| <i>NDC (national destination code) or leading digits of N(S)N (national (significant) number)</i> | <i>N(S)N number length</i> |                       | <i>Usage of E.164 number</i> | <i>Additional information</i> |
|---------------------------------------------------------------------------------------------------|----------------------------|-----------------------|------------------------------|-------------------------------|
|                                                                                                   | <i>Maximum length</i>      | <i>Minimum length</i> |                              |                               |
| 788                                                                                               | 9                          | 9                     | Mobile services 2G/3G/4G/5G  | Médi Telecom <sup>1</sup>     |
| 789                                                                                               | 9                          | 9                     | Mobile services 2G/3G/4G/5G  | Médi Telecom                  |

<sup>1</sup> ORANGE

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## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://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) |
| Malaysia                         | 1013 (p.5)  |
| Thailand                         | 1034 (p.5)  |
| São Tomé and Príncipe            | 1039 (p.14) |
| Uruguay                          | 1039 (p.14) |
| Hong Kong, China                 | 1068 (p.4)  |
| Ukraine                          | 1148 (p.5)  |
| Türkiye                          | 1286 (p.17) |
| Bangladesh                       | 1287 (p.16) |

## Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)

See URL: [www.itu.int/pub/T-SP-PP.RES.21-2011/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

## Abbreviations used

|            |         |            |           |
|------------|---------|------------|-----------|
| <b>ADD</b> | Insert  | <b>PAR</b> | Paragraph |
| <b>COL</b> | Column  | <b>REP</b> | Replace   |
| <b>LIR</b> | Read    | <b>SUP</b> | Delete    |
| <b>P</b>   | Page(s) |            |           |

## List of Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 31 December 2023)

(Annex to ITU Operational Bulletin No. 1283 – 1.I.2024)  
(Amendment No. 24)

### Australia    **ADD**

| <i>Country/<br/>Geographical<br/>area</i> | <i>Company Name/Address</i>                                                     | <i>Issuer<br/>Identifier<br/>Number</i> | <i>Contact</i>                                                                                                                                                                                          | <i>Effective<br/>date of usage</i> |
|-------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Australia                                 | <b>Aussie Broadband Limited</b><br>3 Electra Avenue<br>Morwell<br>Victoria 3840 | <b>89 61 91</b>                         | Sparsha Padmanabhan<br>PO Box 3351<br>Gippsland Mail Centre 3841<br>Tel:    +61 406726125<br>E-mail: <a href="mailto:compliance@team.aussiebroadband.com.au">compliance@team.aussiebroadband.com.au</a> | 1.I.2026                           |

**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 November 2023)**

(Annex to ITU Operational Bulletin No. 1280 - 15.XI.2023)  
(Amendment No. 46)

| <i>Country/Geographical area</i> | <i>MCC+MNC *</i> | <i>Operator/Network</i> |
|----------------------------------|------------------|-------------------------|
| <b>Israel LIR</b>                |                  |                         |
|                                  | 425 12           | FREE TELECOM LTD        |
| <b>New Zealand ADD</b>           |                  |                         |
|                                  | 530 14           | 2degrees                |
|                                  | 530 15           | Spark NZT               |

\* 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. 198)

| <i>Country or area/ISO code</i><br><i>Company Name/Address</i>                              | <i>Company Code</i><br><i>(carrier code)</i> | <i>Contact</i>                                                                                  |
|---------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Germany (Federal Republic of) / DEU</b>                                                  | <b>LIR</b>                                   |                                                                                                 |
| NFON AG (Marke Deutsche Telefon Standard)<br>Wilhelm-Theodor-Römheld-Str. 26<br>55130 MAINZ | <b>DETEST</b>                                | Silke Halamek<br>Tel: +49 89 453 00513<br>Fax: +49 89 453 597<br>E-mail: silke.halamek@nfon.com |

## List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2024)

(Annex to ITU Operational Bulletin No. 1295 – 1.VII.2024)  
(Amendment No. 27)

| <i>Country/<br/>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> |                                            |                                              |
| <b>Germany ADD</b>                    |            |                                            |                                              |
| 2-252-2                               | 6114       | SALA-FRA-STP1                              | Simsalasim Germany GmbH                      |
| 2-252-3                               | 6115       | SALA-FRA-STP2                              | Simsalasim Germany GmbH                      |
| <b>Norway SUP</b>                     |            |                                            |                                              |
| 2-084-3                               | 4771       | Oslo                                       | Orange Business Norway AS                    |
| 2-084-7                               | 4775       | OSLO_IP                                    | Orange Business Norway AS                    |
| 7-231-0                               | 16184      | HMG9-MSS01                                 | Phonero AS                                   |
| <b>Norway ADD</b>                     |            |                                            |                                              |
| 7-231-0                               | 16184      | BOO1STP2                                   | Lyse Tele AS                                 |

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/nnp](http://www.itu.int/itu-t/nnp)

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 1.XI.2025, the following countries/geographical areas have updated their national numbering plan on our site:

| <i>Country/Geographical area</i> | <i>Country Code (CC)</i> |
|----------------------------------|--------------------------|
| Guyana                           | +592                     |
| Mauritius                        | +230                     |
| Morocco                          | +212                     |