

# ITU Operational Bulletin

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| 1332                                                              | 15.I.2026   | 17.XII.2025                                   |

# 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 of ITU-T Recommendations

By [AAP-20](#), 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.7711 \(08/2025\)](#): Generic protocol-neutral information model for transport resources
- [ITU-T G.7721 \(08/2025\)](#): Management requirement and information model for synchronization
- [ITU-T G.7721.1 \(08/2025\)](#): Data model of synchronization management
- [ITU-T Y.2500 \(08/2025\)](#): Computing power network - Terms and definitions
- [ITU-T Y.3089 \(08/2025\)](#): Information-centric networking in networks beyond IMT-2020 - Requirements and capabilities of network node to support in-network processing
- [ITU-T Y.3093 \(08/2025\)](#): Digital Twin Network - Framework and functional requirements of data domain in network digital twin layer
- [ITU-T Y.3148 \(08/2025\)](#): Functional architecture for stateless fair queuing in large scale networks including IMT-2020 and beyond
- [ITU-T Y.3149 \(08/2025\)](#): Quality of service assurance requirements for the tactile internet
- [ITU-T Y.3165 \(08/2025\)](#): Requirements of orchestration supporting confidential computing for network slices in IMT-2020 networks and beyond
- [ITU-T Y.3166 \(08/2025\)](#): Future networks including IMT-2020 network - Requirements and framework for the support of UE-to-UE session management
- [ITU-T Y.3223 \(08/2025\)](#): Fixed, mobile and satellite convergence - Multi-access edge computing for IMT-2020 networks and beyond
- [ITU-T Y.3224 \(08/2025\)](#): Fixed, mobile and satellite convergence - Requirements and framework for in-network aggregated federated learning for enabling AI in IMT-2020 networks and beyond
- [ITU-T Y.3505 \(08/2025\)](#): Cloud computing - Overview and functional requirements for data storage federation
- [ITU-T Y.3555 \(08/2025\)](#): Cloud computing - Functional architecture for multi-cloud
- [ITU-T Y.3556 \(08/2025\)](#): Cloud computing - Framework and functional requirements of microservice monitoring
- [ITU-T Y.3557 \(08/2025\)](#): Cloud computing - Functional requirements of the management for virtual machine and container integration
- [ITU-T Y.3601 \(08/2025\)](#): Big data - Framework and requirements for data exchange
- [ITU-T Y.3701 \(08/2025\)](#): Data handling - Functional requirements of collaborative data processing in data platforms
- [ITU-T Y.3829 \(08/2025\)](#): Quantum key distribution networks interworking - Functional architecture for quality of service assurance
- [ITU-T Y.3830 \(08/2025\)](#): Quantum key distribution networks - procedures for key supply protection and recovery for resilience

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

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

### Bhutan (country code +975)

Communication of 26.VIII.2025:

The *Bhutan InfoComm and Media Authority (BICMA)*, Thimphu, announces the following update to national numbering plan in Bhutan:

*Description of introduction of new resource for  
national E.164 numbering plan for country code +975:*

| NDC (national destination code) or leading digits of N(S)N (national (significant) number) | N(S)N number length |                | Usage of ITU-T E.164 number                                      | Time and date of introduction |
|--------------------------------------------------------------------------------------------|---------------------|----------------|------------------------------------------------------------------|-------------------------------|
|                                                                                            | Maximum length      | Minimum length |                                                                  |                               |
| 17                                                                                         | 8                   | 8              | Non-geographic. It's a mobile number (see additional info below) | 2018                          |
| 77                                                                                         | 8                   | 8              | Non-geographic. It's a mobile number (see additional info below) | 2018                          |
| 19                                                                                         | 12                  | 12             | Non-geographic. It's a SIM-based IoT numbering scheme for Bhutan | February 21, 2023             |
| 79                                                                                         | 12                  | 12             | Non-geographic. It's a SIM-based IoT numbering scheme for Bhutan | February 21, 2023             |
| 87                                                                                         | 8                   | 8              | Non-geographic. It's a mobile number (see additional info below) | May, 2025                     |
| 16                                                                                         | 8                   | 8              | Non-geographic. It's a mobile number (see additional info below) | August, 2025                  |

Link to national database:

[https://www.bicma.gov.bt/wp-content/uploads/2025/08/National\\_Numbering\\_Plan\\_2018.pdf](https://www.bicma.gov.bt/wp-content/uploads/2025/08/National_Numbering_Plan_2018.pdf)

<https://www.bicma.gov.bt/wp-content/uploads/2023/03/Mobile-NetworkSIM-based-IoT-Numbering-Plan-of-Bhutan.pdf>

### *Additional Information:*

#### **A. Mobile Cellular Telecommunication Numbering Scheme for Bhutan**

- The MSISDN of mobile cellular number services in Bhutan has a fixed number length of eleven digits including the country code,
- The Network Destination Code (NDC)/Network Identification Code (IC) shall be the two digit number from 11 – 99,

- (iii) The Table A shows the allocated mobile number services in Bhutan;

*Table A: Allocated Mobile Number Services in Bhutan*

| Particulars                                           | Numbers      | Remarks                                                          |
|-------------------------------------------------------|--------------|------------------------------------------------------------------|
| Country Code                                          | 975          |                                                                  |
| Network Destination Code (NDC)/<br>Mobile Access Code | 17           | NDC/IC for Bhutan Telecom Limited                                |
|                                                       | 77           | NDC/IC for Tashi InfoComm Private Limited                        |
|                                                       | 87           | NDC/IC for Tashi InfoComm Private Limited<br>issued on May, 2025 |
|                                                       | 16           | NDC/IC for Bhutan Telecom Limited<br>issued on August, 2025      |
| Subscriber Number                                     | X1X2X3X4X5X6 | X1 to X6 is any number from 0 to 9.                              |

- (iv) The dialling pattern for numbers is as shown in the table B below;

*Table B: Dialling pattern for numbers in Bhutan*

| Dialling                                                                                                     | Number to be dialled                       | Additional information                                                                                      |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>International (Incoming)</b>                                                                              | + 975 (NDC) X1X2X3X4X5X6                   | NDC is 17 and 16 for Bhutan Telecom Limited and 77 and 87 for Tashi InfoComm Private Limited,<br>X= 0.....9 |
| <b>Mobile cellular to Mobile cellular</b>                                                                    | (NDC) X1X2X3X4X5X6                         | NDC is 17 and 16 for Bhutan Telecom Limited and 77 and 87 for Tashi InfoComm Private Limited,<br>X= 0.....9 |
| <b>Fixed service to Mobile cellular</b>                                                                      | (NDC) X1X2X3X4X5X6                         | NDC is 17 and 16 for Bhutan Telecom Limited and 77 and 87 for Tashi InfoComm Private Limited,<br>X= 0.....9 |
| <b>Mobile cellular to Fixed service</b><br><b>For example: Mobile cellular dialling Thimphu fixed number</b> | Area code + Fixed Line Number<br>02 3 YYYY | Y= 2....9                                                                                                   |

Contact:

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**Malta (country code +356)**

Communication of 5.IX.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 – <b>40038</b> XXXXX<br>40040 – 40049 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>.

**Contact:**

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

## 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) |            |           |

## 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. 41)

| <i>Country/Geographical area</i> | <i>MCC+MNC</i> | <i>Operator/Network</i>                 |
|----------------------------------|----------------|-----------------------------------------|
| <b>Australia SUP</b>             |                |                                         |
|                                  | 505 14         | AAPT Ltd                                |
|                                  | 505 15         | 3GIS Pty Ltd. (Telstra & Hutchison 3G)  |
| <b>Australia ADD</b>             |                |                                         |
|                                  | 505 99         | Telstra Limited                         |
| <b>Australia LIR</b>             |                |                                         |
|                                  | 505 03         | TPG Telecom Limited                     |
|                                  | 505 07         | TPG Telecom Limited                     |
|                                  | 505 23         | Vocus Pty Ltd                           |
|                                  | 505 27         | Ergon Energy Telecommunications Pty Ltd |

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 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. 23)

*Country/  
Geographical Area*

| <i>ISPC</i>              | <i>DEC</i> | <i>Unique name of the signalling point</i> | <i>Name of the signalling point operator</i> |
|--------------------------|------------|--------------------------------------------|----------------------------------------------|
| <b>Estonia SUP</b>       |            |                                            |                                              |
| 2-199-5                  | 5693       | STP EST1                                   | CLOUD COMMUNICATIONS OÜ                      |
| 2-199-6                  | 5694       | STP EST2                                   | CLOUD COMMUNICATIONS OÜ                      |
| <b>Estonia ADD</b>       |            |                                            |                                              |
| 3-244-3                  | 8099       | ISPC_EST1                                  | TELECOM SOFTWARE OÜ                          |
| <b>Georgia ADD</b>       |            |                                            |                                              |
| 5-233-3                  | 12107      | STP 2                                      | Magticom Ltd                                 |
| <b>United States ADD</b> |            |                                            |                                              |
| 3-031-6                  | 6398       | Jacksonville Beach (1), FL                 | Latam Telecommunications, L.L.C.             |
| 3-035-4                  | 6428       | Los Angeles (1), CA                        | Panasonic Avionics Corporation               |
| 3-037-2                  | 6442       | Los Angeles (2), CA                        | Panasonic Avionics Corporation               |
| 3-184-0                  | 7616       | Jacksonville Beach (2), FL                 | Latam Telecommunications, L.L.C.             |

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 15.VIII.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> |
|----------------------------------|--------------------------|
| Malta                            | +356                     |
| Papua New Guinea                 | +675                     |
| Ukraine                          | +380                     |