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| **ITU Operational Bulletinwww.itu.int/itu-t/bulletin** |
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| 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 5211Fax: +41 22 730 5853E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR)Tel: +41 22 730 5560Fax: +41 22 730 5785E-mail:** **brmail@itu.int** |

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| --- | --- |
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| 1224 | 15.VII.2021 | 30.VI.2021 |
| 1225 | 1.VIII.2021 | 15.VII.2021 |
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| 1232 | 15.XI.2021 | 1.XI.2021 |
| 1233 | 1.XII.2021 | 15.XI.2021 |
| 1234 | 15.XII.2021 | 1.XII.2021 |
| 1235 | 1.I.2022 | 10.XII.2021 |

# 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-104, 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 Q.3961 (2020) Cor.1 (05/2021)

– ITU-T Q.4065 (05/2021): Framework of model network for Tactile Internet testing

– ITU-T Q.4067 (05/2021): Signalling requirements for VNF lifecycle management under the testing environment

By TSB Circular 314 of 7 May 2021, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

– ITU-T X.1054 (04/2021): Information security, cybersecurity and privacy protection – Governance of information security

– ITU-T X.1252 (04/2021): Baseline identity management terms and definitions

– ITU-T X.1811 (04/2021): Security guidelines for applying quantum-safe algorithms in 5G systems

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

#### Note from TSB

At the request of the Administration of the Sultanate of Oman, 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* |
| Oman (Sultanate of) | 4-202 |

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

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

**Hungary (country code +36)**

Communication of 6.V.2021:

The *National Media and Infocommunications Authority,* Budapest*,* announces the updated E.164 National Numbering Plan (NNP) for Hungary (country code +36).

***Description of deletion of resource for national E.164 numbering plan for Hungary
(country code +36)***

|  |  |  |
| --- | --- | --- |
| *NDC(National Destination Code)* | *Usage of E.164 Number* | *Time and date of deletion* |
| 51 | Non-geographic number | 31.XII.2021 |

***Presentation of E.164 National Numbering Plan (NNP) for Hungary
(country code +36)***

(a) Overview:

 Minimum number length (excluding country code): eight (8) digits.
 Maximum number length (excluding country code): twelve (12) digits.

(b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any):

 NMIAH Assignment of Communication Identifiers:
 <http://english.nmhh.hu/stakeholders/identifier-management/identifier-registry>

(c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):

 Phone number ported status: <http://szamhordozottsag.nmhh.hu/>

(d) Detail of numbering scheme:

| *NDC(National Destination Code)* | *N(S)N number length* | *Usage of E.164 Number* | *Additional information* |
| --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 1 | 8 | 8 | Geographic number | Area code for Budapest |
| 20 | 9 | 9 | Non-geographic number | Mobile |
| 21 | 9 | 9 | Non-geographic number | Nomadic telephone service |
| 22 | 8 | 8 | Geographic number | Area code for Székesfehérvár |
| 23 | 8 | 8 | Geographic number | Area code for Biatorbágy |
| 24 | 8 | 8 | Geographic number | Area code for Szigetszentmiklós |
| 25 | 8 | 8 | Geographic number | Area code for Dunaújváros |
| 26 | 8 | 8 | Geographic number | Area code for Szentendre |
| 27 | 8 | 8 | Geographic number | Area code for Vác |
| 28 | 8 | 8 | Geographic number | Area code for Gödöllő |
| 29 | 8 | 8 | Geographic number | Area code for Monor  |
| 30 | 9 | 9 | Non-geographic number | Mobile |
| 31 | 9 | 9 | Non-geographic number | Mobile  |
| 32 | 8 | 8 | Geographic number | Area code for Salgótarján |
| 33 | 8 | 8 | Geographic number | Area code for Esztergom |
| 34 | 8 | 8 | Geographic number | Area code for Tatabánya |
| 35 | 8 | 8 | Geographic number | Area code for Balassagyarmat |
| 36 | 8 | 8 | Geographic number | Area code for Eger |
| 37 | 8 | 8 | Geographic number | Area code for Gyöngyös |
| 38 | 9 | 9 | Non-geographic number | Corporate networks |
| 39 | – | – | – |  |
| 40 | – | – | – |  |
| 41 | – | – | – |  |
| 42 | 8 | 8 | Geographic number | Area code for Nyíregyháza |
| 43 | – | – | – |  |
| 44 | 8 | 8 | Geographic number | Area code for Mátészalka |
| 45 | 8 | 8 | Geographic number | Area code for Kisvárda |
| 46 | 8 | 8 | Geographic number | Area code for Miskolc |
| 47 | 8 | 8 | Geographic number | Area code for Szerencs |
| 48 | 8 | 8 | Geographic number | Area code for Ózd |
| 49 | 8 | 8 | Geographic number | Area code for Mezőkövesd |
| 50 | 9 | 9 | Non-geographic number | Mobile |
| 51 | – | – | – |  |
| 52 | 8 | 8 | Geographic number | Area code for Debrecen  |
| 53 | 8 | 8 | Geographic number | Area code for Cegléd |
| 54 | 8 | 8 | Geographic number | Area code for Berettyóújfalu |
| 55 | 8 | 8 | Geographic number | Test number |
| 56 | 8 | 8 | Geographic number | Area code for Szolnok |
| 57 | 8 | 8 | Geographic number | Area code for Jászberény |
| 58 | – | – | – |  |
| 59 | 8 | 8 | Geographic number | Area code for Karcag |
| 60 | – | – | – |  |
| 61 | – | – | – |  |
| 62 | 8 | 8 | Geographic number | Area code for Szeged |
| 63 | 8 | 8 | Geographic number | Area code for Szentes |
| 64 | – | – | – |  |
| 65 | – | – | – |  |
| 66 | 8 | 8 | Geographic number | Area code for Békéscsaba |
| 67 | – | – | – |  |
| 68 | 8 | 8 | Geographic number | Area code for Orosháza |
| 69 | 8 | 8 | Geographic number | Area code for Mohács |
| 70 | 9 | 9 | Non-geographic number | Mobile |
| 71 | 12 | 12 | Non-geographic number | M2M |
| 72 | 8 | 8 | Geographic number | Area code for Pécs |
| 73 | 8 | 8 | Geographic number | Area code for Szigetvár |
| 74 | 8 | 8 | Geographic number | Area code for Szekszárd |
| 75 | 8 | 8 | Geographic number | Area code for Paks |
| 76 | 8 | 8 | Geographic number | Area code for Kecskemét |
| 77 | 8 | 8 | Geographic number | Area code for Kiskunhalas |
| 78 | 8 | 8 | Geographic number | Area code for Kiskőrös |
| 79 | 8 | 8 | Geographic number | Area code for Baja |
| 80 | 8 | 8 | Non-geographic number | Freephone service (national) |
| 81 | – | – | – |  |
| 82 | 8 | 8 | Geographic number | Area code for Kaposvár |
| 83 | 8 | 8 | Geographic number | Area code for Keszthely |
| 84 | 8 | 8 | Geographic number | Area code for Siófok |
| 85 | 8 | 8 | Geographic number | Area code for Marcali |
| 86 | – | – | – |  |
| 87 | 8 | 8 | Geographic number | Area code for Tapolca |
| 88 | 8 | 8 | Geographic number | Area code for Veszprém |
| 89 | 8 | 8 | Geographic number | Area code for Pápa |
| 90 | 8 | 8 | Non-geographic number | Premium-rate service (adult) |
| 91 | 8 | 8 | Non-geographic number | Premium-rate service  |
| 92 | 8 | 8 | Geographic number | Area code for Zalaegerszeg |
| 93 | 8 | 8 | Geographic number | Area code for Nagykanizsa |
| 94 | 8 | 8 | Geographic number | Area code for Szombathely |
| 95 | 8 | 8 | Geographic number | Area code for Sárvár |
| 96 | 8 | 8 | Geographic number | Area code for Győr |
| 97 | – | – | – |  |
| 98 | – | – | – |  |
| 99 | 8 | 8 | Geographic number | Area code for Sopron |

Contact:

Mr Tamás Puss

National Media and Infocommunications Authority, Hungary

Visegrádi utca 106.

1133 Budapest

Hungary

Tel: +36 1 468 0666

E-mail: puss.tamas@nmhh.hu / numbering@nmhh.hu

URL: www.nmhh.hu

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 Ship Stations and Maritime Mobile
Service Identity Assignments
(List V)
Edition of 2021

Section VI

**ADD**

 **DP14** Marlink GmbH, Riehler Str. 50, D-50668 Köln, Germany.

 E-mail: achim.bomm@marlink.com, Mob: +49 151 50 46 06 00,

 Tel: +49 40 228 60 28 13.

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. 49)

**Germany ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Germany | **NXP Semiconductors Germany GmbH**Troplowitzstr. 2022529 HAMBURG | **89 49 41** | Hauke MeynTroplowitzstr. 2022529 HAMBURG

|  |  |
| --- | --- |
| Tel: | +49 40 56130 |
| E-mail: | hauke.meyn@nxp.com |

 | 1.IV.2021 |

**Palau LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Palau | **Palau National Communications Corporation**PNCC Airai HQ Building, One Airport Rd, P.O. Box 99KOROR, PW 96940 | **89 680 01** | Myers TechitongPNCC Airai HQ Building, One Airport Rd, P.O. Box 99KOROR, PW 96940Tel: +680 587 9000Fax: +680 587 1888E-mail: tmyers@pnccpalau.com |
| Palau | **Palau Mobile Communications Inc.**PDC BuildingP.O. Box 401461Medalaii, KororPW 96940 | **89 680 99** | Billy TakaminePDC BuildingP.O. Box 401461Medalaii, KororPW 96940Tel: +680 488 1189E-mail: info@pmci.pw |

|  |  |
| --- | --- |
|

|  |
| --- |
| 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) |

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| (Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)(Amendment No. 55) |

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| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Australia ADD** |  |  |
| 505 53 | Shell Australia Pty Ltd |
| **Canada ADD** |  |  |
| 302 910 | Halton Regional Police Service (reserved) |
| **Canada LIR** |  |  |
| 302 770 | TNW Wireless Inc. |
| **Switzerland ADD** |  |  |
| 228 67 | Datatrade Managed AG |
| 228 68 | Intellico AG |

 |  |  |
|  |

|  |
| --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\*                  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. 116)

| ***Country or area/ISO code*** | ***Company Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***Palau / PLW* ADD**

|  |  |  |
| --- | --- | --- |
| Palau National Communications CorporationPNCC BuildingP.O. Box 99One Airport Road, KororPalau 96940 | **PNCC** | Mr Myers Techitong Tel: +680 488 9000Fax: +680 488 1888E-mail: tmyers@pnccpalau.com |

***Palau / PLW* LIR**

|  |  |  |
| --- | --- | --- |
| Palau Communication and Electronics CompanyPECI BuildingP.O. Box 605Malakal, Koror, Palau 96940 | **PCEC** | Mr Sebastian MasangTel: +680 488 2628Fax: +680 488 2733E-mail: regulatory\_b2b@palautelecoms.com |

|  |  |  |
| --- | --- | --- |
| Palau Mobile Communications IncorporatedPDC BuildingP.O. Box 401461Medalaii, KororPalau 96940 | **PMCI** | Mr Billy TakamineTel: +680 488 1189E-mail: info@pmci.pw |

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. 15)

|  |
| --- |
| **Numerical order ADD** |
|  | 4-202 | Oman (Sultanate of) |
| **Alphabetical order ADD** |
|  | 4-202 | Oman (Sultanate of) |

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

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 July 2020)

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)
(Amendment No. 16)

|  |  |  |
| --- | --- | --- |
| Country/ Geographical Area | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Oman ADD** |
| 4-044-5 | 8549 | MUSTP01(INAT0) | Ooredoo |
| 4-044-6 | 8550 | WCSSS01 and SOHSS02 | Omantel |
| 4-044-7 | 8551 | STP Quram | Omantel |
| 4-045-0 | 8552 | STP Gala | Omantel |
| 4-045-1 | 8553 | BOIGW1 | Ooredoo |
| 4-045-2 | 8554 | MUSTP1 | Vodafone |
| 4-045-3 | 8555 | BSSTP1 | Vodafone |
| 4-045-6 | 8558 | SOIGW1 | Ooredoo |
| **Oman LIR** |
| 4-044-2 | 8546 | Nawras1 | Ooredoo |
| 4-044-3 | 8547 | Nawras2 | Ooredoo |
| 4-044-4 | 8548 | SOHSS02 | Omantel |
| **Palau ADD** |
| 5-110-1 | 11121 | PNCC IG | Palau National Communications Corporation |
| 5-110-2 | 11122 | PNCC MG | Palau National Communications Corporation |

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

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 1.V.2021, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Botswana | +267 |
| Luxembourg | +352 |