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| **ITU Operational Bulletin www.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 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail:** [**brmail@itu.int**](mailto:brmail@itu.int) |

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| --- | --- | --- |
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| 1213 | 1.II.2021 | 15.I.2021 |
| 1214 | 15.II.2021 | 29.I.2021 |
| 1215 | 1.III.2021 | 12.II.2021 |
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| 1226 | 15.VIII.2021 | 30.VII.2021 |
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| 1228 | 15.IX.2021 | 1.IX.2021 |
| 1229 | 1.X.2021 | 15.IX.2021 |
| 1230 | 15.X.2021 | 30.IX.2021 |
| 1231 | 1.XI.2021 | 15.X.2021 |
| 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-95, 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.8051/Y.1345 (12/2020): Management aspects of the Ethernet Transport (ET) capable network element

– ITU-T K.34 (12/2020): Classification of electromagnetic environmental conditions for telecommunication equipment – Basic EMC Recommendation

– ITU-T K.35 (12/2020): Bonding configurations and earthing at remote electronic sites

– ITU-T K.44 (2019) Cor. 1 (12/2020)

– ITU-T K.50 (2018) Cor. 1 (12/2020)

– ITU-T K.70 (12/2020): Mitigation techniques to limit human exposure to EMFs in the vicinity of radiocommunication stations

– ITU-T K.78 (12/2020): High altitude electromagnetic pulse immunity guide for telecommunication centres

– ITU-T K.91 (12/2020): Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields

– ITU-T K.145 (12/2020): Assessment and management of compliance with radio frequency electromagnetic field exposure limits for workers at radiocommunication sites and facilities

– ITU-T K.148 (12/2020): Multiservice surge protective device application guide

– ITU-T K.149 (12/2020): Passive intermodulation test methods of array antenna systems in mobile communication systems

– ITU-T K.150 (12/2020): Information of semiconductor devices required for design of telecommunication equipment applying soft error mitigation measures

– ITU-T L.1031 (12/2020): Guideline for achieving the e-waste targets of the Connect 2030 Agenda

– ITU-T L.1304 (12/2020): Procurement Criteria for Sustainable Data Centres

– ITU-T Q.3060 (12/2020): Signalling architecture of the fast deployment emergency telecommunication network to be used in a natural disaster

– ITU-T X.1046 (12/2020): Framework of software-defined security in software-defined networks/network functions virtualization networks

– ITU-T Y.3802 (12/2020): Quantum key distribution networks - Functional architecture

– ITU-T Y.3803 (12/2020): Quantum key distribution networks – Key management

– ITU-T Y.4211 (12/2020): Accessibility requirements for smart public transportation services

Extra-territorial use of Mobile Country Code (MCC)  
and Mobile Network Code (MNC)  
(According to Recommendation ITU-T E.212 (09/2016) – Annex E)

**Note from TSB\***

Pursuant to Annex E to Recommendation ITU-T E.212, the *Institut Luxembourgeois de Régulation (ILR)* of Luxembourg, and the *Institut Belge des Services Postaux & des Télécommunications (IBPT)* of Belgium, have notified to TSB that MCC+MNC 270 99 will be used extra-territorially.

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

\* See current ITU Operational Bulletin No. 1211 of 1.I.2021, page 11

Telephone Service  
(Recommendation ITU-T E.164)

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

**Malta (country code +356)**

Communication of 7.XII.2020:

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

|  |  |  |
| --- | --- | --- |
| ***Service*** | ***Operator*** | ***Numbering Ranges*** |
| Fixed | GO | 2100 ‒ 2399 XXXX |
| 2500 ‒ 2599 XXXX |
| Melita | 2700 ‒ 2799 XXXX |
| 2010 ‒ 2018 XXXX |
| 2060 XXXX |
| 2065 XXXX |
| Vanilla | 2031 ‒ 2034 XXXX |
| epic | 2090 ‒ 2099 XXXX |
| Mobile | GO Mobile | 7900 ‒ 7999 XXXX |
| 9889 XXXX |
| 7210 XXXX |
| epic | 9900 ‒ 9999 XXXX |
| 9897 XXXX |
| 9210 ‒ 9211 XXXX |
| 9231 XXXX |
| Melita Mobile | 7700 ‒ 7799 XXXX  9811 ‒ 9813 XXXX |
| YOM | 9696 ‒ 9697 XXXX |
| M2M/IoT Connectivity Services and other  Non-Interpersonal Communications Services | Melita | 40005 XXXXX |
| GO | 40079 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:

Alistair Farrugia / Deborah Pisani / Claude Azzopardi  
Malta Communications Authority (MCA)  
Valletta Waterfront  
Pinto Wharf  
Floriana FRN1913  
Malta  
Tel: +356 2133 6840  
E-mail: numbering@mca.org.mt  
URL: [www.mca.org.mt](http://www.mca.org.mt)

**Trinidad and Tobago (country code +1 868)**

Communication of 10.XII.2020:

The *Telecommunications Authority of Trinidad and Tobago (TATT),* Barataria, announces that the following Central Office codes (CO) have been assigned to an operator in Trinidad and Tobago.

* Mobile network

|  |  |  |
| --- | --- | --- |
| *Name of operator* | *Central Office code  (NXX)* | *Service* |
| Digicel Trinidad and Tobago Limited | 250 - 262 | Mobile |
| Digicel Trinidad and Tobago Limited | 430 - 436 | Mobile |

International dialling format: +1 868 NXX XXXX

Contact:

Ms Cynthia Reddock-Downes

Chief Executive Officer

Telecommunications Authority of Trinidad and Tobago (TATT)

5, Eight Avenue Extension, off Twelfth Street

BARATARIA

Trinidad and Tobago

Tel: +1 868 675 8288

Fax: +1 868 674 1055

E-mail: info@tatt.org.tt

URL: www.tatt.org.tt

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 2020  
  
Section VI

**REP**

**AA10** Australian Maritime College, Locked Bag 1394, Launceston TAS 7250, Australia.

E-mail: [mrcrees@amc.edu.au](mailto:mrcrees@amc.edu.au), Tel: +61 3 6324 9550,

Fax: +61 3 6324 9885,

Contact Person: Martin Crees-Morris.

**SUP**

**AA03** Australian Maritime Safety Authority (AMSA), PO Box 10001,

Brisbane QLD 4000, Australia.

Tel: +61 7 3835 3600, Fax: +61 7 3832 1202.

**AA14** Total Marine Services Pty Ltd., PO Box 311, 4 Rous Head Road,

North Fremantle WA 6159, Australia.

E-mail: [mail@total.com.au](mailto:mail@total.com.au), Tel: +61 8 9430 5595,

Fax: +61 8 9430 5199, +61 8 9430 5225,

Contact Person: Ray Meadowcraft.

**AA15** BHP Petroleum Pty Ltd., PO Box 37871, Winnellie NT 0821, Australia.

Tel: +61 8 8922 1122, Fax: +61 8 8984 4139.

**AA24** Tech Marine W.A. Pty Ltd., P.O. Box 1180, Booragoon, W.A. 6154, Australia.

E-mail: [andystevo79@hotmail.com](mailto:andystevo79@hotmail.com), Tel: 0416389369.

**CR01** Instituto Costarricense de Electricidad (I.C.E.), Sector de Telecomunicaciones, Dirección Servicios Internacionales, Oficina Relaciones con Corresponsales, Sección Liquidaciones, P.O. Box 10032-1000, San José, Costa Rica.

E-mail: [phonilla@ns.ice.go.cr](mailto:phonilla@ns.ice.go.cr), Tel: +506 2247001,

Fax: +506 2349741, +506 2534545.

Contact person: Eugenia Jarquín Anchía.

**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. 40)

**Malta LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Malta | **EPIC COMMUNICATIONS LIMITED**  Level 6, Skyparks Business Centre,  Malta International Airport  LUQA, LQA 4000 | **89 356 01** | Dr Nicholas Borg  Level 6, Skyparks Business Centre,  Malta International Airport  LUQA, LQA 4000  Tel: +356 9999 0927 /  +356 9909 2121  E-mail: legal@epic.com.mt |
| Malta | **GO p.l.c.**  Fra Diegu Street  MARSA, MRS 1501 | **89 356 21** | Fabian Grima  Fra Diegu Street  MARSA, MRS 1501  Tel: +356 2594 2522  E-mail: fabian.grima@go.com.mt |

**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. 45) | |

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Estonia ADD** |  |  |
| 248 21 | Tismi B.V. |
| **Malta LIR** |  |  |
| 278 01 | Epic Communications Ltd |
| 278 77 | Melita Ltd |

***Extra-territorial use\*\*\* of MCC/MNC, Annex E to Recommendation ITU-T E.212***

|  |  |  |  |
| --- | --- | --- | --- |
| ***Country  or Geographical Area*** | ***MCC+MNC\**** | ***MSIN\*\* range to be used*** | ***Operators Name*** |
| Luxembourg  (Country A) | 270 99 | 270 99 000 x xxx xxx | Orange Communications Luxembourg S.A. |
| Belgium  (Country B – Where the MCC+MNC is to be used extra-territorially) | 270 99 | 270 99 860 x xxx xxx | Orange Communications Luxembourg S.A.. |

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

\* 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

\*\* MSIN: Mobile Subscription Identification Number / numéro d'identification d'abonnement mobile / número de identificación de suscripción al servicio móvil

\*\*\* As defined in Annex E to Recommendation ITU-T E.212, extra-territorial use of an MCC+MNC is the term used to describe the   
situation where an MCC+MNC that has been assigned to an operator in one country, Country A, is used in another country, Country B, through a base station established in Country B.

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. 8)

| Country/ Geographical Area | | Unique name of the signalling point | Name of the signalling point operator |
| --- | --- | --- | --- |
| ISPC | DEC |
| **Malta LIR** | | | |
| 2-156-3 | 5347 | VOD1-MT | Epic Communications Ltd |
| 2-156-4 | 5348 | VOD2-MT | Epic Communications Ltd |
| 2-156-7 | 5351 | 3GT | Melita Ltd – Mobile |
| 5-235-0 | 12120 | 3GT | Melita Ltd – Mobile |
| 5-235-4 | 12124 | HMMGW01 | Epic Communications Ltd |
| 5-235-5 | 12125 | HMMSS01 | Epic Communications Ltd |
| 5-235-6 | 12126 | HMMGW02 | Epic Communications Ltd |
| 5-235-7 | 12127 | HMMSS02 | Epic Communications Ltd |
| 7-222-0 | 16112 | Melita-Int. | Melita Ltd |
| **Ukraine SUP** | | | |
| 4-242-6 | 10134 | FRTKV2 | PrJSC "Farlep-Invest" |
| **United States SUP** | | | |
| 3-027-3 | 6363 | Los Angeles (2),CA | China Telecom (Americas) Corporation |
| 3-033-3 | 6411 | Los Angeles,CA | China Telecom (Americas) Corporation |
| 3-192-5 | 7685 | Los Angeles, CA | China Telecom (USA) 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](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.XII.2020, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Morocco | +212 |