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.

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

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.

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

Telephone Service
(Recommendation ITU-T E.164)

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

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, 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, 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, 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, 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)

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..

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*   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)

Country/
Geographical Area

ISPC	*DEC*	*Unique name of the signalling point*	*Name of the signalling point operator*
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

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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))

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.XII.2020, the following countries/geographical areas have updated their national numbering plan on our site:

Country/ Geographical area	Country Code (CC)
Morocco	+212