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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.

- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (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)
- 1111 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 1 November 2016)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)
- 1096 Legal time 2016
- 1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1055 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 July 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.PP-2006)
- 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))
- 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 (03/98)) (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 (03/2013)) | <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-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 H.810 (V4) (11/2017): Interoperability design guidelines for personal connected health systems: Introduction
- ITU-T H.811 (11/2017): Interoperability design guidelines for personal health systems: Personal health devices interface
- ITU-T H.812 (11/2017): Interoperability design guidelines for personal health systems: Services interface: Common certified capability class
- ITU-T H.812.1 (11/2017): Interoperability design guidelines for personal health systems: Services interface: Observation upload certified capability class
- ITU-T H.812.2 (11/2017): Interoperability design guidelines for personal health systems: Services interface: Questionnaires
- ITU-T H.812.3 (11/2017): Interoperability design guidelines for personal health systems: Services interface: Capability exchange certified capability class Interoperability design guidelines for personal health systems: Services interface: Capability exchange certified capability class
- ITU-T H.812.4 (11/2017): Interoperability design guidelines for personal health systems: Services interface: Authenticated persistent session capability
- ITU-T H.813 (11/2017): Interoperability design guidelines for personal health systems: Healthcare information system (HIS) interface
- ITU-T H.830.5 (2017) Cor. 1 (11/2017): Alignment with CDG2016 (Iris)
- ITU-T H.830.6 (2017) Cor. 1 (11/2017): Alignment with CDG2016 (Iris)
- ITU-T H.845.10 (2017) Cor. 1 (11/2017): Alignment with CDG2016 (Iris)
- ITU-T H.845.16 (2017) Cor. 1 (11/2017)

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

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

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

Communication of 9.XI.2017:

The *Telecommunications Authority of Trinidad and Tobago (TATT)*, Barataria, announces that the following Central Office codes (NXX) have been assigned to operators within the North American Numbering Plan (NPA – 868) for Trinidad and Tobago.

- Fixed network

<i>Name of operator</i>	<i>Central office code (NXX)</i>	<i>Service</i>
Air Link Communications Limited	608	Fixed

Contact:

Mr John Prince  
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](mailto:info@tatt.org.tt)  
URL: [www.tatt.org.tt](http://www.tatt.org.tt)

## Other communication

### Germany

Communication of 13.XI.2017:

In Germany the extra-territorial use of E.164 telephone numbers and E.212 International Mobile Subscriber Identities (IMSI) has been permitted for the case of machine-to-machine (M2M) communication. The permission comprises

- permanent use of foreign numbering resources within the territory of Germany and
- permanent use of telephone numbers for mobile services allocated in Germany with country code +49 and IMSI with the Mobile Country Code 262 outside Germany.

In certain cases the permission depends on a previous notification to the Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Bundesnetzagentur).

The respective regulations including the needed notification forms can be found at the Website [www.bundesnetzagentur.de/EN](http://www.bundesnetzagentur.de/EN)

→ Telecommunications → Stakeholder Information → Number Management → Numbers for mobile services

and

→ Telecommunications → Stakeholder Information → Number Management → Numbers for machine-to-machine (M2M) communications

Contact:

Bundesnetzagentur  
Numbering Policy  
Mr. Martin Spangenberg  
Tulpenfeld 4  
53113 Bonn  
Germany  
Tel: +49 228 14 1177  
Fax: +49 228 14 6117  
E-mail: [martin.spangenberg@bnetza.de](mailto:martin.spangenberg@bnetza.de)

### Serbia

Communication of 20.XI.2017:

On the occasion of the 70<sup>th</sup> anniversary of the Academic Radio Club "Mihajlo Pupin" from Belgrade, the Serbian Administration authorizes a radio station of the Academic Radio Club "Mihajlo Pupin" to use the special call sign **YU70EXY** from 1 January to 31 December 2018.

## Changes in Administrations/ROAs and other entities or Organizations

### Malta

Communication of 17.XI.2017:

#### *Granting of Recognized Operating Agency (ROA) status*

The *Malta Communications Authority (MCA)*, Floriana announces that the following telecommunication operators and service providers has been granted the status of Recognized Operating Agency (ROA), in accordance with Article 6 of, and Nos. 1007 and 1008 of the Annex to, the Constitution of ITU.

The name of the telecommunication operators and service providers to which the status of Recognized Operating Agency (ROA) has been granted, is *GO plc* and *Vanilla Telecoms Ltd*.

#### Contact:

GO plc  
Triq Fra Diegu  
MARSA MRS 1501  
Malta  
Tel.: +356 2124 6200  
E-mail: [mandy.calleja@go.com.mt](mailto:mandy.calleja@go.com.mt)

#### Contact:

Vanilla Telecoms Ltd  
162, Cannon Road  
SANTA VENERA SVR 5534  
Malta  
Tel.: +356 2033 2033  
E-mail: [dthake@ms.vanilla.net.mt](mailto:dthake@ms.vanilla.net.mt)

#### For further information, please contact:

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Valletta Waterfront  
Pinto Wharf  
FRN 1913 FLORIANA  
Malta  
Fax: +356 21336846  
E-mail: [deborah.pisani@mca.org.mt](mailto:deborah.pisani@mca.org.mt); [numbering.mca@mca.org.mt](mailto:numbering.mca@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)

## Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

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 Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2017

### Section VI

#### ADD

- CV74** Transinsular Cabo Verde - Transportes Marítimos Insulares de Cabo Verde, Lda,  
Rua Visconde S. Januário, No 12 - Plateau - Cidade da Praia,  
Praia - Santiago, República de Cabo Verde.  
Tel.: +238 2611179, E-Mail: [Joao.nunes@transinsular.cv](mailto:Joao.nunes@transinsular.cv)  
*Contact Person: João Nunes, Mobile: +238 919913651,  
e-mail: [Joao.nunes@transinsular.cv](mailto:Joao.nunes@transinsular.cv)*

#### REP

- IA03** PT. Djakarta Lloyd, Jalan Raden Saleh Raya no. 51 Cikini, Menteng,  
Jakarta 10330, Indonesia.  
Tel.: +62 21 2961 9724, Fax: +62 21 2961 9725, E-Mail: [info@jakartalloyd.co.id](mailto:info@jakartalloyd.co.id)  
*Contact Person: Capt. Susetyo Tjiptadi, M. Mar.*

**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 1st November 2016)**

(Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)  
(Amendment No. 26)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Ireland ADD</b>		
	272 05	Three Ireland (Hutchison) Ltd
	272 08	Eircom Ltd
	272 11	Liffey Telecom Ltd
	272 13	Lycamobile Ireland Ltd
	272 15	Virgin Media Ireland Ltd
	272 16	Carphone Warehouse Ireland Mobile Ltd
<b>Ireland LIR</b>		
	272 02	Three Ireland Services (Hutchison) Ltd
	272 03	Eircom Ltd
	272 07	Eircom Ltd
<b>Spain LIR</b>		
	214 32	Telefónica Móviles España, SAU
<b>Sweden ADD</b>		
	240 47	Viatel Sweden AB
<b>Sweden LIR</b>		
	240 19	Vecton Mobile (Sweden) Ltd
	240 21	Trafikverket centralfunktion IT
	240 26	Twilio Sweden AB
	240 28	LINK Mobile A/S
	240 40	North net connect AB
	240 44	Telenabler AB

\* 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 October 2016)**

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)  
(Amendment No. 27)

<i>Country/ 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>			
2-225-3	5899	Frankfurt	Saltfix Group Ltd.
2-248-2	6082	MSS_FFT1	DB Netz AG
2-248-4	6084	Drillisch-Mobil-Duesseldorf	Drillisch Online AG
2-250-4	6100	STP_FFT1	DB Netz AG
2-251-6	6110	Drillisch-Mobil-Frankfurt	Drillisch Online AG
<b>Germany LIR</b>			
2-245-4	6060	Frankfurt	VEON Wholesale Services B.V.
2-248-5	6085	Düsseldorf	Global Star Communications GmbH
<b>Panama ADD</b>			
7-027-4	14556	Nodo Intl para Central de Rio Abajo	Cable and Wireless Panama S.A.
7-028-5	14565	Nodo Intl para Central de Juan Franco	Cable and Wireless Panama S.A.
<b>Sweden ADD</b>			
7-207-3	15995	MontySCCP-SWE-1	Monty UK Global Limited
7-207-4	15996	MontySCCP-SWE-2	Monty UK Global Limited
<b>Sweden LIR</b>			
2-080-0	4736	Stockholm UX1 (Stockholm)	Telia Sverige AB
2-080-5	4741	GBR2S (Göteborg)	Telia Sverige AB
2-080-7	4743	Stockholm UX2 (Stockholm)	Telia Sverige AB
2-081-0	4744	Stockholm/UN STX (Stockholm)	Telia Sverige AB
2-081-1	4745	Stockholm/UR STX (Stockholm)	Telia Sverige AB
2-081-2	4746	Malmö/UR STX (Malmö)	Telia Sverige AB
2-081-3	4747	HY1S (Stockholm)	Telia Sverige AB
2-082-2	4754	VRR2 MSC (Göteborg)	Telia Sverige AB
2-192-2	5634	S TE 1 (Stockholm)	Telia Sverige AB
2-192-3	5635	HY1 MSC-S (Stockholm)	Telia Sverige AB
2-192-4	5636	FRE1 MSC-S (Stockholm)	Telia Sverige AB
2-192-5	5637	S TE 2 (Stockholm)	Telia Sverige AB
2-195-7	5663	MSC1 (Stockholm)	Tele2 Sverige AB
2-205-4	5740	STH1 (Stockholm)	Twilio Sweden AB
2-205-7	5743	CoolTEL SMSC-KLD-1 (Kolding)	LINK Mobile A/S
6-226-0	14096	MGW1 (Hallsberg)	Trafikverket centralfunktion IT
6-226-1	14097	MSS1 (Hallsberg)	Trafikverket centralfunktion IT
6-226-2	14098	MGW2 (Gävle)	Trafikverket centralfunktion IT

<i>Country/ Geographical Area</i>	<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<b>Sweden</b>	<b>LIR</b>			
	6-226-3	14099	MSS2 (Gävle)	Trafikverket centralfunktion IT
	6-226-4	14100	BSU2 (Stockholm)	Twilio Sweden AB
	6-238-3	14195	RWC-ISPC-1 (Stockholm)	North net connect AB
	7-207-0	15992	MontyMobile-SWE-1 (London)	Monty UK Global Limited
	7-207-1	15993	MontyMobile-SWE-2 (London)	Monty UK Global Limited
	7-207-2	15994	viahubSTP1 (Nürnberg)	SMS Provider Corp.

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](http://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 15.XI.2017, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
France	+33
French Departments and Territories in the Indian Ocean	+262
French Guiana	+594
Guadeloupe	+590
Martinique	+596
Saint Pierre and Miquelon	+508