

ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1064**

15. XI. 2014

(Information received by 3 November 2014) ISSN 1564-5223 (Online)

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

Table of Contents

	<i>Page</i>
General information	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Telephone Service:	
<i>Denmark (Danish Business Authority, Copenhagen)</i>	4
<i>Ghana (National Communications Authority (NCA), Accra)</i>	5
<i>Solomon Islands (Telecommunications Commission of the Solomon Islands (TCSI), Honiara)</i>	6
<i>Trinidad and Tobago (Telecommunications Authority of Trinidad and Tobago (TATT), Barataria)</i>	7
Service Restrictions	8
Call-Back and alternative calling procedures (Res. 21 Rev. PP-2006)	8
Amendments to service publications	
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions	9
List of ITU Carrier Codes	9
List of International Signalling Point Codes (ISPC)	11
National Numbering Plan	11

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1065	1.XII.2014	17.XI.2014
1066	15.XII.2014	1.XII.2014
1067	1.I.2015	11.XII.2014
1068	15.I.2015	1.I.2015
1069	1.II.2015	19.I.2015
1070	15.II.2015	2.II.2015
1071	1.III.2015	16.II.2015
1072	15.III.2015	2.III.2015
1073	1.IV.2015	18.III.2015
1074	15.IV.2015	31.III.2015
1075	1.V.2015	17.IV.2015
1076	15.V.2015	1.V.2015
1077	1.VI.2015	18.V.2015
1078	15.VI.2015	1.VI.2015
1079	1.VII.2015	17.VI.2015
1080	15.VII.2015	1.VII.2015
1081	1.VIII.2015	20.VII.2015
1082	15.VIII.2015	3.VIII.2015
1083	1.IX.2015	18.VIII.2015
1084	15.IX.2015	1.IX.2015
1085	1.X.2015	17.IX.2015
1086	15.X.2015	1.X.2015
1087	1.XI.2015	19.X.2015
1088	15.XI.2015	2.XI.2015
1089	1.XII.2015	17.XI.2015
1090	15.XII.2015	1.XII.2015

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.

- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013) (Position on 15 September 2014)
- 1056 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to ITU-T Recommendation E.212 (05/2008)) (Position on 15 July 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)
- 1049 Legal time 2014
- 1040 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 15 November 2013)
- 1033 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 August 2013)
- 1028 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 May 2013)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1005 List of mobile country or geographical area codes (Complement to ITU-T Recommendation E.212 (05/2008)) (Position on 1 June 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 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 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)) (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)
- 972 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommendation E.218 (05/2004)) (Position on 15 January 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))	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-45, 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.1091 (10/2014): QoE requirements for telepresence services
- ITU-T H.265 (V2) (10/2014): High efficiency video coding
- ITU-T H.821 (10/2014): Conformance testing: Health record network (HRN) interface
- ITU-T J.195.2 (10/2014): Physical layer specification for high speed transmission over coaxial networks
- ITU-T J.195.3 (10/2014): Medium Access Control layer specification for high speed transmission over coaxial networks
- ITU-T J.301 (10/2014): Requirements of Augmented Reality Smart Television System
- ITU-T J.900 (10/2014): Requirements for Stereoscopic Three Dimensional Television Service over Hybrid Fiber and Coaxial based networks
- ITU-T J.1003 (10/2014): Specifications of network protocol for renewable conditional access system
- ITU-T P.340 (2000) Amd. 1 (10/2014): Annex B: Objective test methods for multi-talker scenarios
- ITU-T P.501 (2012) Amd. 2 (10/2014): Annex C - Speech files prepared for use with P.800 conformant applications and perceptual based objective speech quality prediction
- ITU-T P.1302 (10/2014): Subjective method for simulated conversation tests addressing speech and audiovisual call quality
- ITU-T P.1401 (2012) Cor. 1 (10/2014)
- ITU-T Y.1546 (10/2014): Hand-over performance among multiple access networks

Telephone Service (Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communication of 30.X.2014:

The *Danish Business Authority*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

- assignment – mobile communication service

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Justfone A/S	7192efgh	29.X.2014

Contact:

Danish Business Authority
Dahlerups Pakhus
Langelinie Allé 17
DK-2100 COPENHAGEN
Denmark
Tel: +45 35 29 10 00
Fax: +45 35 46 60 01
E-mail: erst@erst.dk
URL: www.erst.dk

Ghana (country code +233)

Communication of 30.X.2014:

The *National Communications Authority (NCA)*, Accra, announces the assignment of new numbering blocks to an existing GSM/UMTS operator, Airtel Ghana limited with effect from October 1st, 2014.

a) Overview:

- the minimum number length (excluding the country code): nine (9) digits.
- the maximum number length (excluding the country code): nine (9) digits.

b) Detail of numbering scheme:

<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
56Y (NDC) Y = 0&1 (56 0XX XXXX) (56 1XX XXXX)	Nine	Nine	Non-geographic number for mobile services	Digital mobile (GSM) telephony services; NDC assigned to Airtel

Contact:

National Communications Authority (NCA)
First Rangoon Close
P.O. Box CT1568 Cantonments
ACCRA
Ghana
Tel: +233 302 776 621
Fax: +233 302 763 449
E-mail: info@nca.com.gh
URL: www.nca.org.gh

Solomon Islands (country code +677)

Communication of 3.XI.2014:

The *Telecommunications Commission of the Solomon Islands (TCSI)*, Honiara, announces the opening of an additional seven-digit GSM Prepaid number range for Honiara and other provinces.

GSM service – Solomon Telekom Company Limited

NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length		Usage of E.164 number	Additional information
	Maximum length	Minimum length		
79 30000 – 79 39999	7	7	Non-geographic number – digital prepaid mobile GSM – Honiara and other provinces	Solomon Telekom Company Limited

Solomon Telekom Company Limited is in the process of opening up additional 7digits GSM Prepaid number range in their switch effective on 3 October 2014 for Honiara and other provinces.

Dialling Format: +677 79 3XXXX

All administrations are kindly asked to initiate programming of the above additional GSM number ranges into your switches

Contacts:

Administrative questions:

Telecommunications Commissioner
Telecommunications Commission of the Solomon Island (TCSI)
PO Box 2180
HONIARA
Solomon Islands
Tel: +677 23855
Fax: +677 23861
E-mail: bernard.hill@tcsi.org.sb

Technical questions:

Mr Martin Horika
Team Leader Call Centre
Solomon Telekom Company Limited
Telekom House Mendana Avenue
P.O. box 148
HONIARA
Solomon Islands
Tel: + 677 26766
Fax: + 677 24185
E-mail: martin.horika@telekom.com.sb

Trinidad and Tobago (country code +1 868)

Communication of 30.X.2014:

The *Telecommunications Authority of Trinidad and Tobago (TATT)*, Barataria, announces that the following Central Office codes (NXX) have been assigned to operator, Digicel (Trinidad and Tobago) Limited, 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>
Digicel (Trinidad and Tobago) Limited	231	Fixed

- Mobile network

<i>Name of operator</i>	<i>Central office code (NXX)</i>	<i>Service</i>
Digicel (Trinidad and Tobago) Limited	280,281,282, 283,284,288	Mobile

International dialling format: +1 868 NXX XXXX

International dialling format: +1 868 231 XXXX

+1 868 280 XXXX

+1 868 281 XXXX

+1 868 282 XXXX

+1 868 283 XXXX

+1 868 284 XXXX

+1 868 288 XXXX

Contact:

Mr Cris Seecheran
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

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)

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

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)		

Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 July 2014)

(Annex to ITU Operational Bulletin No. 1056 - 15.VII.2014)
(Amendment No.7)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Hungary ADD	216 02	MVM NET Ltd.

* MCC: Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil
MNC: Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)

(Annex to ITU Operational Bulletin No. 1060 – 15.IX.2014)
(Amendment No. 4)

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
Egypt (Arab Republic of) / EGY LIR		
Egypt (Arab Republic of) / EGY		
Telecom Egypt	TE	Mr Seif Mounib
Smart Village PO Box 22		Tel: +20 2 3131 6579
GIZA		E-mail: seif.mounib@te.eg
Germany (Federal Republic of) / DEU ADD		
Germany (Federal Republic of) / DEU		
Globalways AG	GWXS	Mr. Matthias Kunz
Neue Bruecke 8		Tel: +49 711 25290 324
70173 STUTTGART		Fax: +49 711 25290 180
		E-mail: matthias.kunz@globalways.net

Germany (Federal Republic of) / DEU

inopla GmbH
Reisholzer Werftstrasse 31
40589 DÜSSELDORF

INOPLA

Tel: + 49 211 36764000
Fax: + 49 211 36764010
E-mail: kontakt@inopla.de

Germany (Federal Republic of) / DEU

net.de AG
Buettnerstrasse 57
30165 HANNOVER

NETDE

Tel: + 49 511 372940
Fax: + 49 511 372941
E-mail: info@net.de

Germany (Federal Republic of) / DEU

Stadtwerke Bochum GmbH
Ostring 28
44787 BOCHUM

STWBO

Mr Christian Mark
Tel: + 49 234 960 3033
Fax: + 49 234 960 3039
E-mail: christian.mark@stadtwerke-bochum.de

Germany (Federal Republic of) / DEU

TUI Connect GmbH
Karl-Wiechert-Allee 4
30625 HANNOVER

TUIC

Mr. Kai Czeschlik
Tel: +49 511 56780 0
Fax: +49 511 56780 111
E-mail: kai.czeschlik@tui.com

Germany (Federal Republic of) / DEU

LIR

Germany (Federal Republic of) / DEU

Stadtwerke Konstanz GmbH
Max-Stromeyer-Strasse 21 - 29
78467 Konstanz

SWKN

Mr. Roland Stader
Tel: + 49 7531 803 343
Fax: + 49 7531 803 77343
E-mail: r.stader@stadtwerke.konstanz.de

List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 August 2013)

(Annex to ITU Operational Bulletin No. 1033 – 1.VIII.2013)
(Amendment No. 30)

<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>			
Belarus ADD				
2-204-5	5733		Minsk2	Republican Unitary Enterprise "National Traffic Exchange Center"
2-204-6	5734		Minsk3	Republican Unitary Enterprise "National Traffic Exchange Center"
Germany ADD				
2-247-5	6077		51-418-1627	MMD Smart Ltd.
Iceland ADD				
2-148-7	5287		NOVA ISL3	Nova ehf
Ireland ADD				
6-225-3	14091		CPWPC01	Carphone Warehouse Ireland Mobile Limited
6-225-4	14092		CPWPC02	Carphone Warehouse Ireland Mobile Limited
6-225-5	14093		CPWPC03	Carphone Warehouse Ireland Mobile Limited
Panama ADD				
7-027-3	14555		Vozelia 1	Vozelia, S.A.

ISPC: International Signalling Point Codes.
Codes de points sémaphores internationaux (CPSI).
Códigos de puntos de señalización internacional (CPSI).

National Numbering Plan (According to ITU-T Recommendation 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 15.X.2014 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country Code (CC)</i>
Burundi	+257