

# ITU Operational Bulletin

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1104	15.VII.2016	1.VII.2016
1105	1.VIII.2016	18.VII.2016
1106	15.VIII.2016	3.VIII.2016
1107	1.IX.2016	18.VIII.2016
1108	15.IX.2016	1.IX.2016
1109	1.X.2016	16.IX.2016
1110	15.X.2016	30.IX.2016
1111	1.XI.2016	18.X.2016
1112	15.XI.2016	1.XI.2016
1113	1.XII.2016	16.XI.2016
1114	15.XII.2016	1.XII.2016

# 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.

- 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)
- 1086 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 October 2015)
- 1067 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2015)
- 1066 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 December 2014)
- 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)
- 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))
- 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)) | <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-82, 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.994.1 (2012) Amd. 7 (06/2016)
- ITU-T K.57 (06/2016): Protection measures for radio base stations sited on power line towers
- ITU-T L.1600 (06/2016): Overview of key performance indicators in smart sustainable cities
- ITU-T L.1602 (06/2016): Key performance indicators related to the sustainability impacts of information and communication technology in smart sustainable cities
- ITU-T L.1700 (06/2016): Requirements and framework for low-cost sustainable telecommunications infrastructure for rural communications in developing countries
- ITU-T L.1601 (06/2016): Key performance indicators related to the use of information and communication technology in smart sustainable cities
- ITU-T X.609.1 (06/2016): Managed P2P communications: Peer Activity Management Protocol (PAMP)
- ITU-T Y.2085 (06/2016): Distributed service networking service routing
- ITU-T Y.2617 (06/2016): QoS guaranteed mechanisms and performance model for Public packet Telecommunication Data Network (PTDN)
- ITU-T Y.3501 (06/2016): Cloud computing framework and high-level requirements
- ITU-T Y.3504 (06/2016): Functional architecture for desktop as a service

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

### Note from TSB

At the request of the Administration of Belize, 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):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Belize	7-005

SANC: Signalling Area/Network Code.  
Code de zone/réseau sémaphore (CZRS).  
Código de zona/red de señalización (CZRS).

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

### Guyana

Communication of 10.VI.2016:

#### *Change of name*

The *Office of the President*, Georgetown, announces that it has changed its name. It is now called: « *Ministry of Public Telecommunications* ».

Ministry of Public Telecommunications  
Colgrain House  
205 Camp Street, North Cummingsburg  
GEORGETOWN  
Guyana  
Tel: +592 2252602  
Fax: +592 2252789

### Fiji

Communication of 17.VI.2016:

#### *Change of name*

The *Ministry of Justice and Communications*, Suva, announces that it has changed its name. It is now called: « *Attorney-General's Chambers* ».

Attorney-General's Chambers  
Government Buildings  
Suvavou House, Victoria Parade  
SUVA  
Fiji  
Tel: +679 3309866  
Fax: +679 3302404  
URL: [www.fiji.gov.fj](http://www.fiji.gov.fj)

## Other communications

### Serbia

Communications of 8.VI.2016:

On the occasion of the 160 years of Nikola Tesla's birth, the Serbian Administration authorizes a number of Serbian amateur stations to use the special call sign **YT160NT** from 1 to 31 July 2016.

On the occasion of the 40 years of the establishment of the Radio Club "DIMITROVGRAD", the Serbian Administration authorizes a number of Serbian amateur radio stations to use the special call sign **YU40AHW** from 1 July to 31 December 2016.

## 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)
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 Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with ITU-T Recommendation E.118 (05/2006)) (Position on 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)  
(Amendment No. 7)

### Japan LIR

<i>Country/Geographical Area</i>	<i>Company Name/Address</i>	<i>Issuer Identification Number</i>	<i>Contact</i>
Japan	<b>SoftBank Corp.</b> 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317	<b>89 81 00</b>	Tamanari Okada 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317 Tel: +81 3 6889 1081 Fax: +81 3 6215 5561 E-mail: tamanari.okada@g.softbank.co.jp
Japan	<b>SoftBank Corp.</b> 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317	<b>89 81 20</b>	Tamanari Okada 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317 Tel: +81 3 6889 1081 Fax: +81 3 6215 5561 E-mail: tamanari.okada@g.softbank.co.jp
Japan	<b>SoftBank Corp.</b> 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317	<b>89 81 65</b>	Tamanari Okada 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317 Tel: +81 3 6889 1081 Fax: +81 3 6215 5561 E-mail: tamanari.okada@g.softbank.co.jp
Japan	<b>SoftBank Corp.</b> 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317	<b>89 81 70</b>	Tamanari Okada 1-9-1, Higashi-Shimbashi, Minato-ku, TOKYO 105-7317 Tel: +81 3 6889 1081 Fax: +81 3 6215 5561 E-mail: tamanari.okada@g.softbank.co.jp
Japan	<b>NTT DOCOMO, Inc.</b> 2-11-1 Nagatacho, Chiyada-hu TOKYO 100-6150	<b>89 81 10</b>	Carrier & Regulatory Affairs Office 2-11-1 Nagatacho, Chiyada-hu TOKYO 100-6150 Tel: +81 3 5156 1263 Fax: +81 3 5156 0330
Japan	<b>Wireless City Planning Inc.</b> 1-9-1, Higashi-Shimbashi, Minato-ku 105-7303 TOKYO	<b>89 81 71</b>	Technology Management Department 1-9-1, Higashi-Shimbashi, Minato-ku 105-7303 TOKYO Tel: +81 3 6889 0820 Fax: +81 3 6215 5180

**Liechtenstein ADD**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
Liechtenstein	<b>SORACOM LI, LTD.</b> Vorarlberger Strasse 7 9486 SCHAANWALD	<b>89 423 10</b>	Mr Manfred Schnetzer Vorarlberger Strasse 7 9486 SCHAANWALD Tel.: +423 231 1288 Fax: +423 231 1288 E-mail: schnetzer@wirtschaftskanzlei.com	31.V.2016

**Norway LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Norway	<b>AeroMobile AS</b> 93 B Bestumeien 0283 OSLA	<b>89 882 99</b>	Mr Kevin Rogers 3 Pegasus Place, Gatwick Road, Crawley, West Sussex, RH10 9AY (United Kingdom) Tel: +44 (0) 1293 530 982 Fax: +44 (0) 1293 562 472 E-mail: krogers@aeromobile.net

**United States ADD**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
United States	<b>Codetel, LLC</b> 6201 America Center Drive Suite 220 SAN JOSE, CA 95002	<b>89 1 045</b>	Mr Rudo Boothe 6201 America Center Drive Suite 220 SAN JOSE, CA 95002 Tel: +1 408 429 2906 Fax: +1 954 301 5961 E-mail: rudo.boothe@macate.com	1.VII.2016



**List of ITU-T Recommendation E.164 assigned Country Codes  
(Complement to Recommendation ITU-T E.164 (11/2010))  
(Position on 1 November 2011)**

(Annex to ITU Operational Bulletin No. 991 – 1.XI.2011)  
(Amendment No. 18)

**Notes common to Numerical and Alphabetical lists of ITU-T Recommendation E.164 assigned country codes**

Associated with shared country code 882, the following two-digit identification code reservations or assignments have been made for the international networks of:

**Note o) +882 99 LIR**

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
AeroMobile AS	AeroMobile AS	+882 99	Assigned

**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 October 2015)**

(Annex to ITU Operational Bulletin No. 1086 - 15.X.2015)  
(Amendment No.14)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Germany SUP</b>		
	262 13	Mobilcom Multimedia GmbH
	262 14	Quam GmbH
	262 41	First Telecom GmbH
	262 79	ng4T GmbH
<b>Germany ADD</b>		
	262 21	Multiconnect GmbH
	262 72	Ericsson GmbH
	262 73	Xantaro Deutschland GmbH
	262 74	Qualcomm CDMA Technologies GmbH
	262 75	Core Network Dynamics GmbH
<b>Germany LIR</b>		
	262 02	Vodafone GmbH
	262 04	Vodafone GmbH
	262 09	Vodafone GmbH
	262 42	Vodafone GmbH
	262 43	Vodafone GmbH

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Greece SUP</b>		
	202 06	COSMOLINE
<b>Greece ADD</b>		
	202 11	INTERCONNECT
	202 12	YUBOTO
	202 13	COMPATEL LIMITED
	202 14	CYTA (HELLAS)
	202 15	BWS
	202 16	INTER TELECOM

<b>Country/Geographical area</b>	<b>MCC+MNC *</b>	<b>Operator/Network</b>
<b>Greece LIR</b>		
	202 01	Cosmote AE
	202 02	Cosmote AE
	202 03	OTE AE
	202 04	OTE AE
	202 07	AMD TELECOM AE
	202 09	WIND HELLAS TELECOMMUNICATIONS
	202 10	WIND HELLAS TELECOMMUNICATIONS
<b>The Former Yugoslav Republic of Macedonia ADD</b>		
	294 04	Company for telecommunications LYCAMOBILE LLC-Skopje
<b>International Mobile, shared code LIR</b>		
	901 14	AeroMobile AS

\* 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. 28)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>		
<b>ADD</b>		
Brandl Services GmbH Theresienstr. 20 92353 PAVELSBACH	<b>BRANDL</b>	Mr Chris Brandl Tel.: +49 9180 409999 4 Fax: +49 9180 409999 8 E-mail: info@brandl-services.com
Schoenenberg-Computer GmbH Wilhelmshoehe 12 53797 LOHMAR	<b>RSBNET</b>	Mr Karl Sonnleitner Tel.: +49 220691799900 Fax: +49 220682756 E-mail: ks@lohmar.com
<b>Germany (Federal Republic of) / DEU</b>		
<b>LIR</b>		
XConnect GmbH (ex Flexagon GmbH) Marsstrasse 21 80335 MÜNCHEN	<b>FLEX01</b>	Mr Dieter Birmoser Tel.: +49 89 36089 180 Fax: +49 89 36089 188 E-mail: db@flexagon.de
Vodafone GmbH (ex o.tel.o GmbH) Ferdinand-Braun-Platz 1 40549 DUSSELDORF	<b>OTELO</b>	Mr Marcus Wielpuetz Tel.: +49 211 533 1047 E-mail: marcus.wielpuetz@vodafone.com
<b>Japan / JPN</b>		
<b>SUP</b>		
Cable and Wireless IDC Inc. 5-20-8 Asakusabashi, Taito-Ku TOKYO 111-8061	<b>CWIDC</b>	Masahiro Yoshida Tel: +81 3 3570 7501 Fax: +81 3 3570 7520 E-mail: masa.yoshida@cwidc.com
Japan Telecom Co. Ltd. 7-1 Hatchobori 4-chome, Chuo-Ku TOKYO	<b>JT</b>	Tsuneo Tatara Tel: +81 3 4288 8253 Fax: +81 3 5540 8088 E-mail: 1tsuneo.tatara@japan-telecom.co.jp

<i>Country or area/ISO code</i> <i>Company Name/Address</i>	<i>Company Code</i> <i>(carrier code)</i>	<i>Contact</i>
<b>Japan / JPN      ADD</b>		
Softbank Corp. 1-9-1, Higashi-Shimbashi, Minato-ku TOKYO 105-7317	<b>SB</b>	Tamanari Okada Tel: +81 3 6889 1081 Fax: +81 3 6215 5561 E-mail: tamanari.okada@g.softbank.co.jp
<b>Japan / JPN      LIR</b>		
Nippon Telegraph and Telephone Corporation 1-1-6 Uchisaiwai-cho, Chiyoda-ku TOKYO 100-8019	<b>NTT</b>	Togashi Tel: +81 3 6700 9008 Fax: +81 3 3539 2222 E-mail: kk-vv@ntt.com

**List of Signalling Area/Network Codes (SANC)  
(Complement to Recommendation ITU-T Q.708 (03/1999))  
(Position on 15 December 2014)**

(Annex to ITU Operational Bulletin No. 1066 – 15.XII.2014)  
(Amendment No. 16)

**Numerical order    ADD**  
7-005      Belize

**Alphabetical order    ADD**  
7-005      Belize

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 January 2015)

(Annex to ITU Operational Bulletin No. 1067 – 1.I.2015)  
(Amendment No. 35)

<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>Switzerland ADD</b>			
2-055-3	4539	Geneva 1	Beeone Communications SA
2-055-5	4541	Geneva 2	Beeone Communications SA
<b>United States ADD</b>			
3-028-2	6370	New York, NY	Bharti Airtel Limited
3-042-3	6483	Los Angeles (2), CA	Bharti Airtel Limited
<b>United States LIR</b>			
3-048-4	6532	Los Angeles (1), CA	TNZI USA LLC
3-182-7	7607	Los Angeles (1), CA	Telecom New Zealand USA Ltd
3-183-0	7608	Los Angeles (2), CA	Telecom New Zealand USA Ltd
3-190-4	7668	Los Angeles (2), CA	TNZI USA LLC
3-200-7	7751	Los Angeles (3), CA	TNZI USA LLC

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 1.VI.2016 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country Code (CC)</i>
Congo (Rep. of the)	+242
Myanmar	+95