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	Dates of publication of the next Operational Bulletins	Including information received by:
1136	15.XI.2017	31.X.2017
1137	1.XII.2017	15.XI.2017
1138	15.XII.2017	1.XII.2017

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))   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

A.   By AAP-22, 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.873.1 (10/2017): Optical transport network (OTN): Linear protection

–   ITU-T G.8271.1/Y.1366.1 (10/2017): Network limits for time synchronization in packet networks

–   ITU-T G.8273.3/Y.1368.3 (10/2017): Timing characteristics of telecom transparent clocks

–   ITU-T G.9807.1 (2016) Amd. 1 (10/2017)

B.   By TSB Circular 52 of 9 October 2017, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

–   ITU-T X.1127 (09/2017): Functional security requirements and architecture for mobile phone anti-theft measures

–   ITU-T X.1213 (09/2017): Security capability requirements for countering smartphone-based botnets

–   ITU-T X.1248 (09/2017): Technical requirements for countering instant messaging spam

–   ITU-T X.1541 (09/2017): Incident object description exchange format version 2

Telephone Service
(Recommendation ITU-T E.164)

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

Palau (country code +680)
Communication of 10.X.2017:

The *Division of Communication under the Ministry of Public Infrastructure, Industries and Commerce*, Koror, announces the following national numbering plan of Palau:

Presentation of national ITU-T E.164 numbering plan for country code 680

a)   Overview:

The minimum number length (excluding the country code) is   7 digits.
The maximum number length (excluding the country code) is   7 digits.

b)   Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): none

c)   Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): none

d)   Detail of numbering plan:

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Additional information
	Maximum length	Minimum length		
544	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Aimeliik State
587	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Airai State
277	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Angaur State
876	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Kayangel State
488	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Koror State
654	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Melekeok State
824	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngaraard State
855	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngarchelong State
747	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngardmau State
535	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngatpang State
622	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngchesar State
733	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngaremlengui State
679	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Ngiwal State
345	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Peleliu State
255	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Sonsorol State and Hatohobei State
900	7	7	Geographic number for Fixed telephony services (Area code)	PNCC/Operator Services
770	7	7	Non-geographic number– Digital mobile telephony services	PNCC Wireless/Palau Cel
771	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
772	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
773	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
774	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Additional information
	Maximum length	Minimum length		
775	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/ Palau Cel
776	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
777	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
778	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
779	7	7	Non-geographic number – Digital mobile telephony services	PNCC Wireless/Palau Cel
880	7	7	Non-geographic number – Digital mobile telephony services	PECI / PalauTel
881	7	7	Non-geographic number – Digital mobile telephony services	PECI / PalauTel
882	7	7	Non-geographic number – Digital mobile telephony services	PECI / PalauTel
883	7	7	Non-geographic number – Digital mobile telephony services	PECI / PalauTel
884	7	7	Non-geographic number – Digital mobile telephony services	PECI / PalauTel

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Other communication

Serbia

Communication of 16.X.2017:

On the occasion of the "YOTA (Youngsters on the Air) month", the Serbian Administration authorizes a radio station of the Amateur Radio Union of Serbia to use the special call sign **YT17YOTA** from 1 to 31 December 2017.

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)**

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)		

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)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 29)

Spain   ADD

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Spain	**Alta Tecnologia en Comunicacions, S.L.** Bisbe Torras i Bages 23 Bxs 08242 MANRESA	**89 34 23**	Sr. Josep Olivet Torras Alta Tecnologia en Comunicacions, S.L. Bisbe Torras i Bages 23 Bxs 08242 MANRESA Tel: +34 938742059 Fax: +34 938732558 Email: josep.olivet@altecom.net	1.XI.2017

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)

Country/Geographical area	MCC+MNC *	Operator/Network
Bermuda ADD		
	350 05	Telecom Networks
Luxembourg ADD		
	270 07	Bouygues Telecom S.A.
	270 79	Mitto A.G.
	270 80	Syniverse Technologies S.à r.l.
	270 81	E-Lux Mobile Telecommunication S.A.
Luxembourg LIR		
	270 01	POST Luxembourg
	270 10	Join Experience S.A.
	270 77	Tango S.A.
	270 78	Interactive Digital Media GmbH
	270 99	Orange Communications Luxembourg S.A.
Palau ADD		
	552 02	PECI / PalauTel
Spain ADD		
	214 02	Alta Tecnologia en Comunicacions, S.L.
	214 10	ZINNIA TELECOMUNICACIONES, S.L.U.

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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

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. 51)

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
Germany (Federal Republic of) / DEU **ADD**		
DALASON GmbH Im Mediapark 5 50670 COLOGNE	**WIRECL**	Mr David C. Son Tel: +49 221 9999 9936 Fax: +49 221 9999 9937 E-mail: support@wirecloud.de
EMOTEC NETWORKS GmbH Industriestrasse 13 97353 WIESENTHEID	**EMOTEC**	Mrs Tanja Beck Tel: +49 9383 90596 23 Fax: +49 9383 90596 10 E-mail: info@emotec-networks.de
iks informations- und kommunikations Systeme GmbH Heiligkreuzstrasse 2 - 4 66709 WEISKIRCHEN	**IKSYS**	Mr Markus Backes Tel: +49 6876 990000 Fax: +49 6876 1501 E-mail: info@iks-computer.de
Kecht und Guggenbichler GbR RuhNet Zell 40 83324 RUHPOLDING	**RUHNET**	Tel: +49 8663 7809888 Fax: +49 8663 7809889 E-mail: kontakt@ruhnet.org
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ngena GmbH Hahnstrasse 40 60528 FRANKFURT	**NGENA**	Mr Oliver Huebner Tel: +49 151 14085628 E-mail: oliver.huebner@ngena.net

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
Germany (Federal Republic of) / DEU **ADD**		
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WITCOM Wiesbadener Informations- und Telekommunikations GmbH Konradinerallee 25 65189 WIESBADEN	**WITCOM**	Mr Volker Bodenbach Tel: +49 611 26244 210 Fax: +49 611 26244 262 E-mail: v.bodenbach@witcom.de
Palau / PLW **ADD**		
Palau Communication and Electronics Company dba Palau Telecoms P.O. Box 605 PECI Bldg. Malakal Koror Palau 96940	**PCEC**	Mr Sebastian "Sam" Masang Tel: +680 488 2628 / 7705 Fax: +680 488 2733 E-mail: regulatory_b2b@palautelecoms.com

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. 24)

Country/ Geographical Area		Unique name of the signalling point	Name of the signalling point operator
ISPC	DEC		
Albania	**SUP**		
4-227-2	10010	ACT-Albania	Albanian Carrier Telecommunication
4-227-3	10011	Iliria Telecom A	ILIRIA TELECOM A
4-227-5	10013	NEO/AL1	NEOTEL ALBANIA
7-219-3	16091	Abronet Albania	ABRONET Sh.p.k
Albania	**ADD**		
7-219-5	16093	Bleta sh.p.k.	BLETA ALBANIA
Bulgaria	**SUP**		
3-231-4	7996	TTEL	Tritel
6-239-5	14205	P-TEL	IP World Communications Ltd.
6-239-6	14206	NTWS	Networks-Bulgaria
6-250-3	14291	NXC	Nexcom Bulgaria
6-250-7	14295	CGNET	Global communication net
Bulgaria	**ADD**		
6-239-5	14205	SFINT	BTCNet
6-239-6	14206	SFINT STP1	BTCNet
6-250-3	14291	SFINT STP2	BTCNet
7-221-5	16109	BTC-STP2	Bulgarian Telecommunication Company
7-221-6	16110	VNIE2	Bulgarian Telecommunication Company
Bulgaria	**LIR**		
2-168-6	5446	STP1	Mobiltel
6-239-7	14207	MGW1	Mobiltel
6-247-0	14264	ECCBL	Mobiltel
6-247-6	14270	MSCS5	Mobiltel
6-247-7	14271	MGW7	Mobiltel
6-250-0	14288	STP2	Mobiltel
6-250-4	14292	GTH	Mobiltel
7-221-2	16106	MAX1	T.com
7-221-3	16107	MAX2	T.com

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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))

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 1.X.2017, the following countries/geographical areas have updated their national numbering plan on our site:

Country/ Geographical area	*Country Code (CC)*
Egypt	+20
Jordan	+962