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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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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](http://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 Fixedtelephony services (Area code) | PNCC/Aimeliik State |
| 587 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Airai State |
| 277 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Angaur State |
| 876 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Kayangel State |
| 488 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Koror State |
| 654 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Melekeok State |
| 824 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngaraard State |
| 855 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngarchelong State |
| 747 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngardmau State |
| 535 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngatpang State |
| 622 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngchesar State |
| 733 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngaremlengui State |
| 679 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Ngiwal State |
| 345 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Peleliu State |
| 255 | 7 | 7 | Geographic number for Fixedtelephony services (Area code) | PNCC/Sonsorol State and Hatohobei State |
| 900 | 7 | 7 | Geographic number for Fixedtelephony 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 |
| 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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URL: www.palaugov.pw/bureau-of-commercial-development/

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/

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# 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) | |  |
|  |  |  |
|  | |  | | --- | | (Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)  (Amendment No.23) | |  |
|  |  |  |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***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. | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*               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 Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***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 |

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| --- | --- | --- |
| 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 |

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| 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 Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***Germany (Federal Republic of) / DEU* ADD**

|  |  |  |
| --- | --- | --- |
| Thomas Schuller  IT-Systeme Schuller  Meistereigasse 3  99707 KYFFHAEUSERLAND | **ITSCH** | Mr Thomas Schuller  Tel: +49 3632 5233110  Fax: +49 3632 5233150  E-mail: t.schuller@it-schuller.de |

|  |  |  |
| --- | --- | --- |
| 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 |

\_\_\_\_\_\_\_\_\_\_

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](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.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 |