

# ITU Operational Bulletin

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Page

## GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i> .....	3
Approval of ITU-T Recommendations .....	4
Telephone Service:	
<i>France (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> .....	6
<i>French Departments and Territories in the Indian Ocean (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> .....	7
<i>French Guiana (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> .....	8
<i>Guadeloupe (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> ..	9
<i>Martinique (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> .....	10
<i>Saint Pierre and Miquelon (Autorité de Régulation des Communications Electroniques et des Postes (Arcep), Paris)</i> .....	11
<i>Luxembourg (Institut Luxembourgeois de Régulation (ILR), Luxembourg)</i> .....	11
Service Restrictions .....	12
Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006) .....	12
<b>AMENDMENTS TO SERVICE PUBLICATIONS</b>	
List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) .....	13
List of Issuer Identifier Numbers for the International Telecommunication Charge Card.....	14
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions .....	17
List of ITU Carrier Codes.....	18
List of International Signalling Point Codes (ISPC) .....	19
National Numbering Plan .....	19

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<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
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)) | <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-23, 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.1032 (10/2017): Influence factors on gaming quality of experience
- ITU-T J.1020 (10/2017): Downloadable system for Multi-CA/DRM service of mobile broadcasting; Service model and architecture
- ITU-T P.804 (10/2017): Subjective diagnostic test method for conversational speech quality analysis
- ITU-T P.862.2 (2007) Cor. 1 (10/2017)
- ITU-T P.1203 (10/2017): Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport
- ITU-T P.1203.1 (10/2017): Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport – Video quality estimation module
- ITU-T P.1203.2 (10/2017): Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport – Audio quality estimation module
- ITU-T P.1203.3 (10/2017): Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport – Quality integration module
- ITU-T P.1301 (10/2017): Subjective quality evaluation of audio and audiovisual multiparty telemeetings
- ITU-T X.680 (2015) Cor. 2 (10/2017)
- ITU-T X.682 (2015) Cor. 1 (10/2017)
- ITU-T X.693 (2015) Cor. 1 (10/2017)
- ITU-T X.696 (2015) Cor. 2 (10/2017)
- ITU-T X.697 (10/2017): Information technology – ASN.1 encoding rules: Specification of JavaScript Object Notation Encoding Rules (JER)
- ITU-T X.1040 (10/2017): Security reference architecture for lifecycle management of e-commerce business data
- ITU-T X.1146 (10/2017): Secure protection guidelines for value-added services provided by telecommunication operators
- ITU-T Y.4101/Y.2067 (10/2017): Common requirements and capabilities of a gateway for Internet of things applications
- ITU-T Y.4116 (10/2017): Requirements of transportation safety service including use cases and service scenarios
- ITU-T Y.4117 (10/2017): Requirements and capabilities of Internet of Things for support of wearable devices and related services
- ITU-T Y.4455 (10/2017): Reference architecture for IoT network service capability exposure
- ITU-T Z.161 (10/2017): Testing and Test Control Notation version 3: TTCN-3 core language
- ITU-T Z.161.1 (10/2017): Testing and Test Control Notation version 3: TTCN-3 language extensions: Support of interfaces with continuous signals
- ITU-T Z.161.2 (10/2017): Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support
- ITU-T Z.161.3 (10/2017): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization
- ITU-T Z.161.4 (10/2017): Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types

- ITU-T Z.161.6 (10/2017): Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching
- ITU-T Z.164 (10/2017): Testing and Test Control Notation version 3: TTCN-3 operational semantics
- ITU-T Z.165 (10/2017): Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI)
- ITU-T Z.166 (10/2017): Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)
- ITU-T Z.167 (10/2017): Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3
- ITU-T Z.168 (10/2017): Testing and Test Control Notation version 3: The IDL to TTCN-3 mapping
- ITU-T Z.169 (10/2017): Testing and Test Control Notation version 3: Using XML schema with TTCN-3
- ITU-T Z.170 (10/2017): Testing and Test Control Notation version 3: TTCN-3 documentation comment specification
- ITU-T Z.171 (10/2017): Testing and Test Control Notation version 3: Using JSON with TTCN-3

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

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

### France (country code +33)

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following national numbering plan in France:

a) Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 13 digits

b) Detail of numbering scheme:

NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)	N(S)N number length <i>Longueur des numéros N(S)N</i>		Usage of E.164 number	Additional information
	Maximum length	Minimum length		
110 to 199	9 digits	9 digits	<i>Geographic numbers</i>	
210 to 261	9 digits	9 digits	<i>Geographic numbers</i>	
264 to 268	9 digits	9 digits	<i>Geographic numbers</i>	
270 to 299	9 digits	9 digits	<i>Geographic numbers</i>	
310 to 399	9 digits	9 digits	<i>Geographic numbers</i>	
410 to 499	9 digits	9 digits	<i>Geographic numbers</i>	
516 to 589	9 digits	9 digits	<i>Geographic numbers</i>	
601 to 638	9 digits	9 digits	<i>Mobile numbers</i>	
640 to 652	9 digits	9 digits	<i>Mobile numbers</i>	
653 to 655	9 digits	9 digits	<i>MSRN codes</i>	
656 to 689	9 digits	9 digits	<i>Mobile numbers</i>	
695	9 digits	9 digits	<i>Mobile numbers</i>	
698 to 699	9 digits	9 digits	<i>Mobile numbers</i>	
7000 to 7004	13 digits	13 digits	<i>Mobile numbers for machine to machine</i>	
730 to 789	9 digits	9 digits	<i>Mobile numbers</i>	
800 to 805	9 digits	9 digits	<i>Freephone services</i>	
806 to 809	9 digits	9 digits	<i>Standard rate services</i>	
810 to 829	9 digits	9 digits	<i>Premium rate services</i>	
890 to 899	9 digits	9 digits	<i>Premium rate services</i>	
950 to 975	9 digits	9 digits	<i>Non geographic numbers</i>	
977 to 998	9 digits	9 digits	<i>Non geographic numbers</i>	

Contact:

Autorité de Régulation des Communications Electroniques et des Postes (Arcep)

7 square Max Hymans

75730 Paris Cedex 15

France

Tel: +33 1 40 47 72 83

E-mail: [numerotation@arcep.fr](mailto:numerotation@arcep.fr)

URL: [www.arcep.fr](http://www.arcep.fr)

List of allocation: <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wnOU%3d&tabid=217&portalid=0&mid=850>

## French Departments and Territories in the Indian Ocean (country code +262)

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following numbering plan in French Departments and Territories in the Indian Ocean:

a) Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 12 digits

b) Detail of numbering scheme:

<b>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</b>	<b>N(S)N number length</b>		<b>Usage of E.164 number</b>	<b>Additional information</b>
	<b>Maximum length</b>	<b>Minimum length</b>		
262 to 263	9 digits	9 digits	<i>Fixed telephone service – Geographic numbers</i>	
269	9 digits	9 digits	<i>Fixed telephone service – Geographic numbers</i>	
639	9 digits	9 digits	<i>Mobile numbers</i>	
692 to 693	9 digits	9 digits	<i>Mobile numbers</i>	
7008 to 7009	12 digits	12 digits	<i>Mobile numbers for machine to machine</i>	
9762 to 9763	9 digits	9 digits	<i>Non geographic numbers</i>	
9769	9 digits	9 digits	<i>Non geographic numbers</i>	

Contact:

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List of allocation: <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wnOU%3d&tabid=217&portalid=0&mid=850>

**French Guiana (country code +594)**

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following numbering plan in French Guiana:

## a) Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 12 digits

## b) Detail of numbering scheme:

<b><i>NDC (National Destination Code) or leading digits of N(S)N (National Significant Number)</i></b>	<b><i>N(S)N number length</i></b>		<b><i>Usage of E.164 number</i></b>	<b><i>Additional information</i></b>
	<b><i>Maximum length</i></b>	<b><i>Minimum length</i></b>		
594	9 digits	9 digits	Fixed telephone service – Geographic numbers	
694	9 digits	9 digits	Mobile numbers	
7006	12 digits	12 digits	Mobile numbers for machine to machine	
9764 to 9765	9 digits	9 digits	Non geographic numbers	

## Contact:

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France

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List of allocation : <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wNOU%3d&tabid=217&portalid=0&mid=850>



## Guadeloupe (country code +590)

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following numbering plan in Guadeloupe:

a) Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 12 digits

b) Detail of numbering scheme:

<b>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</b> <i>Chiffres de poids fort du N(S)N</i> <i>Numéro national significatif</i>	<b>N(S)N number length</b> <i>Longueur des numéros N(S)N</i>		<b>Usage of E.164 number</b> <i>Utilisation du numéro</i>	<b>Additional information</b> <i>Information Additionelle</i>
	<b>Maximum length</b> <i>Longueur maximale</i>	<b>Minimum length</b> <i>Longueur minimale</i>		
590	9 digits	9 digits	<i>Fixed telephone service – Geographic numbers</i>	
690 to 691	9 digits	9 digits	<i>Mobile numbers</i>	
7005	12 digits	12 digits	<i>Mobile numbers for machine to machine</i>	
9760 to 9761	9 digits	9 digits	<i>Non geographic numbers</i>	
9768	9 digits	9 digits	<i>Non geographic numbers</i>	

Contact:

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List of allocation: <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wnOU%3d&tabid=217&portalid=0&mid=850>

**Martinique (country code +596)**

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following numbering plan in Martinique:

## a) Overview:

The minimum number length (excluding the country code) is 9 digitsThe maximum number length (excluding the country code) is 12 digits

## b) Detail of numbering scheme:

<b>NDC (National Destination Code) or leading digits of N(S)N (National Significant Number)</b>	<b>N(S)N number length</b>		<b>Usage of E.164 number</b>	<b>Additional information</b>
	<b>Maximum length</b>	<b>Minimum length</b>		
596	9 digits	9 digits	<i>Fixed telephone service – Geographic numbers</i>	
696 to 697	9 digits	9 digits	<i>Mobile numbers</i>	
7007	12 digits	12 digits	<i>Mobile numbers for machine to machine</i>	
9766 to 9767	9 digits	9 digits	<i>Non geographic numbers</i>	

## Contact:

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E-mail: numerotation@arcep.fr

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List of allocation : <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wN0U%3d&tabid=217&portalid=0&mid=850>

**Saint Pierre and Miquelon (country code +508)**

Communication of 20.X.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (Arcep)*, Paris, announces the following numbering plan in Saint Pierre and Miquelon:

## a) Overview:

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 9 digits

## b) Detail of numbering scheme:

<b>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</b>	<b>N(S)N number length</b>		<b>Usage of E.164 number</b>	<b>Additional information</b>
	<b>Maximum length</b>	<b>Minimum length</b>		
508	9 digits	9 digits	Fixed and Mobile telephone service	

## Contact:

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75730 Paris Cedex 15

France

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URL: www.arcep.fr

List of allocation : <https://extranet.arcep.fr/portail/LinkClick.aspx?fileticket=PBA1WK-wnOU%3d&tabid=217&portalid=0&mid=850>

**Luxembourg (indicatif de pays +352)**

Communication du 24.X.2017:

L'*Institut Luxembourgeois de Régulation (ILR)*, Luxembourg, annonce qu'à partir du 1<sup>er</sup> novembre 2017, la nouvelle série de numéros mobiles +352 655 XXXXXX est attribuée au nouvel opérateur mobile "MTX Connect S.à.r.l."

## Contact:

Institut Luxembourgeois de Régulation (ILR)

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2922 Luxembourg

Luxembourg

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E-mail: info@ilr.lu

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## 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

#### REP

- GB06** SIRM UK Marine Limited, 69-71 Haltwhistle Road, South Woodham Ferrers, Chelmsford, Essex CM3 5ZA, United Kingdom.  
Tel.: +44 (0) 1245 933340,  
E-Mail: [john.tabor@sirm.co.uk](mailto:john.tabor@sirm.co.uk), [lisa.cornell@sirm.co.uk](mailto:lisa.cornell@sirm.co.uk), [nigel.bond@sirm.co.uk](mailto:nigel.bond@sirm.co.uk),  
[norman.day@sirm.co.uk](mailto:norman.day@sirm.co.uk)  
*Contact Persons: Nigel Bond, Lisa Cornell, John Taylor, Norman Day.*
- GB08** SIRM UK Marine Limited, 69-71 Haltwhistle Road, South Woodham Ferrers, Chelmsford, Essex CM3 5ZA, United Kingdom.  
Tel.: +44 (0) 1245 933340,  
E-Mail: [john.tabor@sirm.co.uk](mailto:john.tabor@sirm.co.uk), [lisa.cornell@sirm.co.uk](mailto:lisa.cornell@sirm.co.uk), [nigel.bond@sirm.co.uk](mailto:nigel.bond@sirm.co.uk),  
[norman.day@sirm.co.uk](mailto:norman.day@sirm.co.uk)  
*Contact Persons: Nigel Bond, Lisa Cornell, John Taylor, Norman Day.*

**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. 30)

**Albania**

**LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Albania	<b>Albtelecom sh.a</b> Autostrada Tiranë-Durrës km 7 TIRANA	<b>89 355 03</b>	Mr Tahsin Yilmaz Albtelecom sh.a Autostrada Tiranë-Durrës km 7 TIRANA Tel: +355 4 229030 Fax: +355 4 2291711 E-mail: ervin.shpori@albtelecom.al hekurran.cengu@albtelecom.al loreta.pistolja@albtelecom.al
Albania	<b>Plus Communications Sh.a</b> Rr. Ibrahim Rugova Pallati i ri pranë Gardës së Republikës Kati II TIRANA	<b>89 355 04</b>	Ms Matilda Shehu Plus Communications Sh.a Rr. Ibrahim Rugova Pallati i ri pranë Gardës së Republikës Kati II TIRANA Tel: +355 4238 2512 Mobile: +355 4238 2538 E-mail: andrzej.czerczak@plus.al arben.margilaj@plus.al
Albania	<b>Telekom Albania sh.a</b> Rruga Gjergj Legisi, Laprakë TIRANA	<b>89 355 01</b>	Mr Dimitrios Blatsios Telekom Albania sh.a Rruga Gjergj Legisi, Laprakë TIRANA Tel: +355 4 2275300 Fax: +355 4 227 5243 E-mail: ielmas@telekom.com.al
Albania	<b>Vodafone Albania sh.a</b> Autostrada Tiranë-Durrës Rruga Pavarësia nr. 61 Kashar TIRANA	<b>89 355 02</b>	Mr Dietlof Ziegfried Mare Vodafone Albania sh.a Autostrada Tiranë-Durrës Rruga Pavarësia nr. 61 Kashar TIRANA Tel: +355 4 2283072 Fax: +355 4 2283338 E-mail: marios.yiatzidis2@vodafone.com

**Bhutan LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Bhutan	<b>Bhutan Telecom Limited</b> P.O. Box 134 Drophen Lam 2/28 THIMPHU	<b>89 975 11</b>	Mr Karma Jurme P.O. Box 134 Drophen Lam 2/28 THIMPHU Tel: +975 2 343434/322678 Fax: +975 2 324312 E-mail: ceo@bt.bt

**Cabo Verde LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Cabo Verde	<b>CV Móvel, S.A.</b> Avenida Cidade de Lisboa Caixa Postal 126 A PRAIA	<b>89 238 01</b>	Mr Francisco Almeida Avenida Cidade de Lisboa Caixa Postal 126 A PRAIA Tel: +238 991 2237 Fax: +238 262 2509 E-mail: francisco.almeida@cvt.cv
Cabo Verde	<b>UNITEL T+ TELECOMUNICAÇÕES, SOCIEDADE UNIPESSOAL, SA</b> Avenida Cidade de Lisboa Edifício BAI Center 4º e 6º Pisos Chã de Areia CP 346-A PRAIA	<b>89 238 02</b>	Ms Paula Carioca Avenida Cidade de Lisboa Edifício BAI Center-4º e 6º Pisos Chã de Areia CP 346-A PRAIA Tel: +238 330 30 30 Fax: +238 261 9606 E-mail: paula.carioca@uniteltmais.cv

**Gambia LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Gambia	<b>Comium Gambia Limited</b> 27 Kairaba Avenue Pipeline, KSMD P.O.Box 2097 SERRE KUNDA	<b>89 220 03</b>	Mr Lamin DRAMMEH Comium Gambia Limited 27 Kairaba Avenue Pipeline, KSMD P.O.Box 2097 SERRE KUNDA Tel: +220 6600500 E-mail: ldrammeh@comium.gm
Gambia	<b>Qcell Limited,</b> Qcell House Kairaba Avenue PO Box 3469 SEREKUNDA	<b>89 220 04</b>	Qcell Limited, Qcell House Kairaba Avenue PO Box 3469 SEREKUNDA Tel: 220 333 3111 E-mail: isatou.jallow@qcell.gm

**Germany 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>
Germany	<b>Drillisch Online AG</b> Wilhelm-Roentgen-Str. 1 - 5 63477 MAINTAL	<b>89 49 36</b>	Mr. Marc Schütze Drillisch Online AG Wilhelm-Roentgen-Str. 1 - 5 63477 MAINTAL Tel: +49 211 2479 4880 Email: m.schuetze@drillisch.de	1.I.2018
Germany	<b>FEIG ELECTRONIC GmbH</b> Lange Straße 4 35781 WEILBURG	<b>89 49 37</b>	Mr. Markus Beyer FEIG ELECTRONIC GmbH Industriestraße 1A 35781 WEILBURG Tel: +49 64713109409 Fax: +49 6471310999 Email: markus.beyer@feig.de	1.XI.2017

**Malta LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Malta	<b>Melita Ltd.</b> Gasan Centre, Mriehel Bypass MRIEHEL BKR 3000	<b>89 356 77</b>	Mr Alistair Castillo Melita Ltd. Gasan Centre, Mriehel Bypass MRIEHEL BKR 3000 Tel: +356 2727 3502 E-mail: alistair.castillo@melitaltd.com

**Palau 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>
Palau	<b>Palau Communication and Electronics Company dba Palau Telecoms</b> P.O. Box 605 PECl Bldg. MALAKAL KOROR Palau 96940	<b>89 680 00</b>	Mr Sebastian S. Masang. Palau Communication and Electronics Company dba Palau Telecoms P.O. Box 605 PECl Bldg. MALAKAL KOROR Palau 96940 Tel: +680 488 2628/7705 Fax: +680 488 2733 Email: regulatory_b2b@palautelecoms.com	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.24)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Australia ADD</b>		
	505 50	Pivotel Group Pty Limited
<b>Australia LIR</b>		
	505 88	Pivotel Group Pty Limited
<b>Bermuda ADD</b>		
	350 11	Deltronics
<b>Germany LIR</b>		
	262 23	Drillisch Online AG

\* 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. 52)

<i>Country or area/ISO code</i> <i>Company Name/Address</i>	<i>Company Code</i> <i>(carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
echtschnell GmbH Goethestrasse 5 73525 SCHWAEBISCH GMUEND	<b>ECHTS</b>	Mr Dirk Jentzsch Tel: +49 800 8708702 Fax: +49 7171 79888 105 E-mail: dirk.jentzsch@ropa.de
Nord-IT Bremen Beteiligungs-UG (haftungsbeschränkt) Erkelenzer Straße 6 28327 BREMEN	<b>NITB</b>	Mr Kai Benn Tel: +49 421 17508742 Fax: +49 421 17508744 E-mail: info@nord-it-bremen.de
Stadtwerke Erkrath GmbH Gruitener Strasse 27 40699 ERKRATH	<b>SWELWE</b>	Mr Gregor Jeken Tel: +49 2104 94360 96 Fax: +49 2104 94360 99 E-mail: gregor.jeken@stadtwerke-erkrath.de
Titan Networks Internet & Telecommunications Service Providing GmbH Bleichstrasse 1 65719 HOFHEIM / Ts.	<b>TITAN</b>	Mr Marcel Boffin Tel: +49 6122 520520 Fax: +49 6122 520529 E-mail: noc@titan-networks.de
Ulrich Schoefisch Fuerstenwalder Strasse 46 15234 FRANKFURT / O.	<b>SCHOEFF</b>	Mr Ulrich Schoefisch Tel: +49 162 7512916 Fax: +49 335 2288962 E-mail: firma@schoefisch.de

## 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. 25)

<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>Singapore ADD</b>				
	5-144-4	11396	DC1_CloudCS01	TPG Telecom Pte Ltd
	5-144-5	11397	DC2_CloudCS01	TPG Telecom Pte Ltd
	5-144-6	11398	DC1_MGW01	TPG Telecom Pte Ltd
	5-144-7	11399	DC2_MGW01	TPG Telecom Pte Ltd
<b>Switzerland ADD</b>				
	7-228-0	16160	Berne_3	Comfone AG
	7-228-1	16161	Lausanne_3	Comfone AG

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.X.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>
Iran (Islamic Republic of)	+98