

ITU Operational Bulletin

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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.

- 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)
- 1066 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T 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)
- 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)
- 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-09, 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 Q.3053 (03/2017): Signalling architecture and requirements for IP based short message service over ITU-T defined NGN
- ITU-T Q.3630 v1 (03/2017): Inter-IMS Network to Network Interface (NNI) - Protocol specification
- ITU-T Q.3713 (03/2017): Signalling requirements for Broadband Network Gateway (BNG) pool
- ITU-T Y.2041 (03/2017): Policy Control Mechanism in Multi-connection
- ITU-T Y.2304 (03/2017): Network intelligence capability enhancement - Requirements and capabilities to support mobile content delivery optimization
- ITU-T Y.2341 (03/2017): Next Generation Network evolution - Requirements and capabilities for supporting authorized account messaging service
- ITU-T Y.3051 (03/2017): The basic principles of trusted environment in ICT infrastructure
- ITU-T Y.3052 (03/2017): Overview of trust provisioning for ICT infrastructures and services
- ITU-T Y.3071 (03/2017): Data Aware Networking (Information Centric Networking) - Requirements and Capabilities

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

Note from TSB

At the request of the Administration of Hungary, 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>
Hungary	5-218

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

Telephone Service (Recommendation ITU-T E.164)

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

Bosnia and Herzegovina (country code +387)

Communication of 21.III.2017:

The *Communications Regulatory Agency (RAK)*, Sarajevo, announces the Numbering plan for telephone services in Bosnia and Herzegovina.

It shall apply from: 1st October 2017.

General information

- E.164 Numbering Plan for telephone services in Bosnia and Herzegovina is presented according to the Recommendation ITU-T E.129.
- Country code (CC): +387
- International prefix: "00"
- National prefix: "0"
- NDC = National destination code
- N(S)N = National (significant) number {NDC + SN}
- SN = Subscriber Number
- Format of international numbers: CC + NDC + SN

For all national calls, except for calls to short numbers, the National prefix must be dialled before N(S)N. It must not be dialled from abroad.

Presentation of E.164 Numbering plan for telephone services in Bosnia and Herzegovina

a) Overview:

- N(S)N Number length: 6 digits minimum / 9 digits maximum
- Link to the national database assigned ITU-T E.164 numbers within the Numbering plan for telephone services in Bosnia and Herzegovina:
<http://rak.ba/eng/index.php?uid=1283438061>

b) Detail of numbering scheme:

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
1x	8	8	Geographic number for fixed telephony services	Reserve x=0-9
2x	8	8	Geographic number for fixed telephony services	Reserve x=0-9
30	8	8	Geographic number for fixed telephony services	Area code for Central Bosnia Canton
31	8	8	Geographic number for fixed telephony services	Area code for Posavina Canton
32	8	8	Geographic number for fixed telephony services	Area code for Zenica-Doboj Canton
33	8	8	Geographic number for fixed telephony services	Area code for Sarajevo Canton
34	8	8	Geographic number for fixed telephony services	Area code for Canton 10
35	8	8	Geographic number for fixed telephony services	Area code for Tuzla Canton

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
36	8	8	Geographic number for fixed telephony services	Area code for Hercegovina-Neretva Canton
37	8	8	Geographic number for fixed telephony services	Area code for Unsa-Sana canton
38	8	8	Geographic number for fixed telephony services	Area code for Bosanian-Podrinje Goražde Canton
39	8	8	Geographic number for fixed telephony services	Area code for West Herzegovina Canton
49	8	8	Geographic number for fixed telephony services	Area code for Brčko Distirt B&H
4x	8	8	Geographic number for fixed telephony services	Reserved x= 0-8
50	8	8	Geographic number for fixed telephony services	Area code for Mrkonjić Grad
51	8	8	Geographic number for fixed telephony services	Area code for Banja Luka
52	8	8	Geographic number for fixed telephony services	Area code for Prijedor
53	8	8	Geographic number for fixed telephony services	Area code for Doboј
54	8	8	Geographic number for fixed telephony services	Area code for Šamac
55	8	8	Geographic number for fixed telephony services	Area code for Bijeljina
56	8	8	Geographic number for fixed telephony services	Area code for Zvornik
57	8	8	Geographic number for fixed telephony services	Area code for Istočno Sarajevo
58	8	8	Geographic number for fixed telephony services	Area code for Foča
59	8	8	Geographic number for fixed telephony services	Area code for Trebinje
60	9	9	Non-geographic numbers for mobile telephony services	Assigned
61	8	8	Non-geographic number for mobile telephony services	Assigned
62	8	8	Non-geographic number for mobile telephony services	Assigned
63	8	8	Non-geographic number for mobile telephony services	Assigned
64	9	9	Non-geographic number for mobile telephony services	Assigned
65	8	8	Non-geographic number for mobile telephony services	Assigned
66	8	8	Non-geographic number for mobile telephony services	Assigned
67	9	9	Non-geographic number for mobile telephony services	Assigned
6x	9	9	Non-geographic number for mobile telephony services	Reserve x= 8,9

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
70	8	8	Non-geographic number for fixed telephony services- Nomadic subscribers	Assigned
7x	8	8	Non-geographic number for personal number	Reserved x= 1-9
800	8	8	Non-geographic numbers for services with special tariffs	Freephone services
8010	8	8	Non-geographic numbers for services with special tariffs	Telephony card Calling card services
81a	8	8	Non-geographic number for services with special tariffs	Services with distribution of cost and Internet approach (a=0,1...8)
819	8	8	Non-geographic number for services with special tariffs	Universal access number services
82	8	8	Non-geographic number for services with special tariffs	Services with distribution of cost
83	6	6	Non-geographic number for services with special tariffs	e-Commerce services
85	9	9	Non-geographic number for services with special tariffs	M2M services
8x	8	8	Non-geographic numbers for special services	Reserved x= 6-9
90	8	8	Non-geographic number for premium rate services	Information services
91	8	8	Non-geographic number for premium rate services	Short messages of value added services in mobile network
92	8	8	Non-geographic number for premium rate services	Entertainment services, exempting contents unsuitable for children and youth
94	8	8	Non-geographic number for premium rate services	Any entertainment services
96	8	8	Non-geographic number for premium rate services	Services which are provided in real time
9x	8	8	Non-geographic number for premium rate services	Reserve x= 3,5, 7-9

Short numbers:

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
10ab	4	4	Carrier selection	ab - operator code a,b=0-9
112	3	3	Harmonized European short number	Reserved for single European Emergency Service Number
116	6	6	Harmonized European short code	Reserved for services of special public interest
116000	6	6	Harmonized European short code	Hotline for missing childre
116006	6	6	Harmonized European short code	Hotline for victims of crime
116111	6	6	Harmonized European short code	Child Helpline
116117	6	6	Harmonized European short code	Medical Services
116123	6	6	Harmonized European short code	Emotional Support Helpline
118a(b)	4	5	Information on telephone numbers	a(b)- operator code a,b=0-9
11x	-	-	Protected (for the harmonisation of numbers)	x= 0, 1, 3-5, 7, 9
1200	4	4	Operator assistance for national calls	Commercial service
1201	4	4	Operator assistance for international calls	Commercial service
1202	4	4	Telegram delivery by telephone	Commercial service
1203	4	4	Distant telephone invitation	Commercial service
1204	4	4	Ultra automatic centre	Commercial service
1205	4	4	Automatic responder for National Telephone Exchanges	Assistant service
1206	4	4	Military police	Emergency service
1207	4	4	Special military services	Emergency service
120x	4	4	Free	x= 8, 9
121	3	3	Information center	Emergency service
122	3	3	Police	Emergency service
123	3	3	Fire department	Emergency service
124	3	3	Medical assistance	Emergency service
125	3	3	Clock (Time-signal service)	Commercial service
1260	4	4	Backup connection and Dial up connection (CIPS)	Commercial service
1261	4	4	Helpline for victims of women trafficking	Assistance service
1262	4	4	Service of search and rescue in B&H	Assistance services
1266	4	4	Operator assistance for international calls	Commercial service
126x	4	4	Free	x= 3-5, 7-9
127a(b)	4	5	Login interference	Assistance services a(b)- operator code a,b=0-9
128a(b)	4	5	Roadside assistance	Assistance services a(b)- operator code a,b=0-9
129x	4	4	Free	x= 0-9
13xx	4	4	Different services within the territory of B&H	Commercial services

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
14xx	4	4	Services provided by operators in their areas	Commercial services
15xx	4	4	Different services within the territory of B&H	Commercial services
16xx	4	4	Protected (for the harmonisation of numbers)	For the harmonisation of numbers
17xxx	5	5	Humanitarian number in B&H	Humanitarian services
18xx	4	4	Free	x= 0-9
19ab	4	4	Carrier selection	ab- operator code a,b=0-9

Description of introduction of new resources for national numbering plan for country code +387:

(1)	(2)		(3)	(4)
NDC or leading digits of N(S)N	N(S)N number length		Usage of E.164 Number	Additional information
	Minimum length	Maximum length		
85	9	9	Non-geographic number for services with special tariffs (M2M services)	2017-10-01-00

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71 000 SARAJEVO
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URL: www.rak.ba

Burkina Faso (country code +226)

Communication of 30.III.2017:

The *Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)*, Ouagadougou, announces the following update to the National Numbering Plan of Burkina Faso.

- assignment of the following new number series:

Service	Operator	Number series AB PQ MC DU	Date
Mobile telephone networks	Airtel Burkina Faso S.A.	5650 XXXX – 5699 XXXX	30.III.2017

Contact:

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URL: www.arcep.bf

Denmark (country code +45)

CORRIGENDUM* - Communication of 10.III.2017:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- assignment – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Benemen Oy	9311efgh	10.III.2017
Maxtel.dk	93100fgh and 93103fgh 91300fgh and 91303fgh	10.III.2017

* This announcement cancels and replaces that published in ITU Operational Bulletin No. 1121 of 1.IV.2017, page 17, Mobile communication services for Maxtel.dk.

Communication of 22.III.2017:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- assignment – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telus ApS	5757efgh, 7272efgh and 86868fgh	1.IV.2017

Contact:

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Israel (country code +972)

Communication of 28.III.2017:

The *Ministry of Communications*, Jerusalem, announces the updated numbering plan of Israel.

(a) Overview:

The minimum number length (excluding the country code) is **8 digits**The maximum number length (excluding the country code) is **9 digits**

b) Detail of numbering scheme:

(1) NDC (national destination code) or leading digits of N(S)N (national (significant) number)	(2) N(S)N number length		(3) Usage of E.164 number	(4) Additional Information
	Maximum length	Minimum length		
2 (NDC)	8	8	Geographic number for fixed telephony services (area code)	Area code for Jerusalem Region
3 (NDC)	8	8	Geographic number for fixed telephony services (area code)	Area code for Tel Aviv Region
4 (NDC)	8	8	Geographic number for fixed telephony services (area code)	Area code for Haifa and North Regions
50 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Pelephone
51 (NDC)	9	9	Non-geographic number for mobile telephony services	Reserve to Maraton 018
52 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Cellcom
53 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Hot Mobile
54 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Partner
55 (NDC), as follows: 55-22, 23 55-32, 33 55-66, 67, 68 55-70, 71 55-87, 88, 89 55-94 till 99	9	9	Non-geographic number for mobile telephony services	Assigned to MVNO Home Cellular Free Telecom Rami Levi Celact Pelephone (Alon Cellular) Telzar
56 (NDC)- 2 to 9	9	9	Non-geographic number for mobile telephony services	
58 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Golan Telecom
59 (NDC)	9	9	Non-geographic number for mobile telephony services	Assigned to Jawall

(1) NDC (national destination code) or leading digits of N(S)N (national (significant) number)	(2) N(S)N number length		(3) Usage of E.164 number	(4) Additional Information
	Maximum length	Minimum length		
6 (NDC)	9	9	Reserved for future use	
7x (NDC) As follows: 71-8 72-2, 72-3 73-2, 73-3 73-7 74-7 76-5 76-80, 88, 81, 76-88 77 78-2 79-2 79	9	9	Non geographic number for fixed telephony services	Assign to Exphone 018 Assign to 012 Telecom Assign to Cellcom Fixed Line Assign to Veidan Assign to Partner Fixed Line Assign to B.I.P Assign to Bezeq Assign to Hot Telecom Assign to Golan Assign to Free Telecom Assign to several operators
8 (NDC)	8	8	Geographic number for fixed telephony services (area code)	Area code for Hashfela and South Regions
9 (NDC)	8	8	Geographic number for fixed telephony services (area code)	Area code for Hasharon Region

Service prefixes open for international incoming calls:

1255 - Emergency hospitals center (+972 1255 XXX)

151 - Voice mail (+972 151 + NDC + SN)

153 - Fax mail (+972 153 + NDC + SN)

1599 - Interactive voice mail (+972 1599 XXXXXX)

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Papua New Guinea (country code +675)

Communication of 21.III.2017:

The *National Information & Communications Technology Authority (NICTA)*, Boroko, announces the following update in the national numbering plan of Papua New Guinea.

Description of introduction of new resources for national E.164 numbering plan for country code 675:

(1)	(2)		(3)	(4)
<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>		
2070000 – 2079999 (NDC)	7	7	Non-geographic number – assigned to Digivoip Communications Limited	VoIP service
2040000 – 2049999 (NDC)	7	7	Non-geographic number – assigned to Digitec PNG Limited	VoIP service
2030000 – 2039999 (NDC)	7	7	Non-geographic number – assigned to Oceanic Broadband	VoIP service
2020000 – 2029999 (NDC)	7	7	Non-geographic number – assigned to Digicel (PNG) Limited	VoIP service
2000000 – 2009999 (NDC)	7	7	Non-geographic number – assigned to Telikom PNG Limited	VoIP service
2010000 – 2019999 (NDC)	7	7	Non-geographic number – assigned to Bemobile Limited	VoIP service

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Suriname (country code +597)

Communication of 16.III.2017:

The *Telecommunications Authority Suriname (TAS)*, Paramaribo, announces the abrogation of the numbers assigned to Intelsur Suriname N.V. (Uniqua) for mobile services from 16 March 2017.

<i>Numbering blocks</i>		<i>Service</i>		<i>Service Provider</i>	<i>Date of withdrawal</i>
830-0000	839-9999	Mobile	Mobile-GSM	INTELSUR	16.III.2017
840-0000	844-9999	Mobile	Mobile-GSM	INTELSUR	16.III.2017
845-0000	847-9999	Mobile	Mobile-GSM	INTELSUR	16.III.2017
848-0000	849-9999	Mobile	Mobile-GSM	INTELSUR	16.III.2017

The *Telecommunications Authority Suriname (TAS)*, Paramaribo, wishes to restate the abrogation of the numbers assigned to Intelsur Suriname N.V. (Uniqua) for mobile services from 18 November 2016.

<i>Numbering blocks</i>			<i>Date of withdrawal</i>
5900 000 – 5904 999	VOIP	Intelsur N.V. - UNIQA	18.XI.2016

<i>Calling codes for VOIP Services</i>		<i>Date of withdrawal</i>
1620	Intelsur N.V. - UNIQA	18.XI.2016
1625	Intelsur N.V. - UNIQA	18.XI.2016
1630	Intelsur N.V. - UNIQA	18.XI.2016
1659	Intelsur N.V. - UNIQA	18.XI.2016

<i>HNI code</i>		<i>Date of withdrawal</i>
746 04	Intelsur Suriname N.V. (UNIQA)	18.XI.2016

<i>ISPC codes</i>			<i>Date of withdrawal</i>
7-092-4	15076	Intelsur N.V. – UNIQA – UTS N.V.	18.XI.2016
7-092-5	15077	Intelsur N.V. – UNIQA – UTS N.V.	18.XI.2016

<i>NSPC codes</i>			<i>Date of withdrawal</i>
1-250-0	24048	Intelsur N.V. – UNIQA	18.XI.2016
1-250-1	24049	Intelsur N.V. – UNIQA	18.XI.2016
1-250-2	24050	Intelsur N.V. – UNIQA	18.XI.2016
1-250-3	24051	Intelsur N.V. – UNIQA	18.XI.2016
1-250-4	24052	Intelsur N.V. – UNIQA	18.XI.2016
1-250-5	24053	Intelsur N.V. – UNIQA	18.XI.2016
1-250-6	24054	Intelsur N.V. – UNIQA	18.XI.2016
1-250-7	24055	Intelsur N.V. – UNIQA	18.XI.2016

Contact:

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Suriname
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Other communication

Austria

Communication of 15.III.2017:

On the occasion of the activities of "Young Helpers on the Air", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE6YHOTA** from 23 to 24 September 2017.

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)
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 ITU-T Recommendation E.118 (05/2006)) (Position on 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 19)

Hong Kong, China 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>
Hong Kong, China	CHINA MOBILE INTERNATIONAL LIMITED Level 30, Tower I, Kowloon Commerce Centre, 51 Kwai Cheong Road, HONG KONG	89 852 34	Mr Chan Chun Ming China Mobile International Limited Level 30, Tower I, Kowloon Commerce Centre, 51 Kwai Cheong Road, KWAI CHUNG, NEW TERRITORIES, HONG KONG Tel: +852 31556986 Fax: +852 35869496 E-mail: chanchunming@cmi.chinamobile.com	1.VII.2017

Portugal LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	Infraestruturas de Portugal SA Praça de Portagem 2809-013 ALMADA	89 351 12	Mr Pedro Gouveia e Melo Infraestruturas de Portugal SA Rua Passeio do Báltico 4 1990-036 LISBOA Tel: +351 21 102 4053 Fax: +351 21 102 1701 E-mail: pedro.gmelo@infraestruturasdeportugal.pt ; ip-dat-rm@infraestruturasdeportugal.pt

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	Lycamobile Portugal, Lda Avenida João Crisóstomo 24 1050-127 LISBOA	89 351 04	Mr António Maria Spínola Brito Mendes Arnaut Lycamobile Portugal, Lda Avenida João Crisóstomo 24 1050-127 LISBOA Tel: +351 210 990 582 E-mail: antonio.arnaut@lycamobile.pt

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	MEO - Serviços de Comunicações e Multimédia, S.A. Avenida Fontes Pereira de Melo, nº 40 1069-300 LISBOA	89 351 80	Mr Pedro Gonçalves MEO - Serviços de Comunicações e Multimédia, S.A. Avenida Fontes Pereira de Melo, nº 40 1069-300 LISBOA Tel: +351 21 500 78 07 Fax: +351 21 500 78 47 E-mail: pedro.v.goncalves@telecom.pt

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	MEO - Serviços de Comunicações e Multimédia, S.A. Avenida Fontes Pereira de Melo, nº 40 1069-300 LISBOA	89 351 06	Mr Pedro Gonçalves MEO - Serviços de Comunicações e Multimédia, S.A. Avenida Fontes Pereira de Melo, nº 40 1069-300 LISBOA Tel: +351 21 500 78 07 Fax: +351 21 500 78 47 E-mail: pedro.v.goncalves@telecom.pt

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	Mundio Mobile (Portugal) Limited 54 Marsh Wall LONDON E14 9TP United Kingdom	89 351 07	Mr Alkesh Dave Mundio Mobile (Portugal) Limited 54 Marsh Wall LONDON E14 9TP United Kingdom Tel: +44 207 5364 800 Fax: +44 207 0050 562 E-mail: legal@mundio.com

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	NOS Comunicações, S.A. Rua Ator António Silva, nº 9 Campo Grande, 1600-404 LISBOA	89 351 03	Mr Tiago Lopes NOS Comunicações, S.A. Rua Ator António Silva, nº 9 Campo Grande, 1600-404 LISBOA Tel: +351 93 101 07 07 E-mail: tiago.lopes@nos.pt

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Portugal	Vodafone Portugal, Comunicações Pessoais, S.A. Av. D. João II, 36, Parque das Nações 1998-017 LISBOA	89 351 01	Mr Rui Gomes Vodafone Portugal, Comunicações Pessoais, S.A. Av. D. João II, 36, Parque das Nações 1998-017 LISBOA Tel: + 351 21 0914941 Fax: +351 21 0914174 E-mail: rui.gomes@vodafone.com

**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.11)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Israel ADD		
	425 09	Marathon 018 Xphone Ltd.
Portugal SUP		
	268 05	Oniway - Inforcomunicações, S.A.
Portugal ADD		
	268 02	MEO - Serviços de Comunicações e Multimédia, S.A.
	268 04	Lycamobile Portugal, Lda.
	268 07	Mundio Mobile (Portugal) Limited
	268 11	Compatel, Limited
	268 12	IP Telecom - Serviços de Telecomunicações, S.A.
	268 13	G9Telecom, S.A.
	268 80	MEO - Serviços de Comunicações e Multimédia, S.A.
Portugal LIR		
	268 01	Vodafone Portugal - Comunicações Pessoais, S.A.
	268 03	NOS Comunicações, S.A.
	268 06	MEO - Serviços de Comunicações e Multimédia, S.A.
South Africa ADD		
	655 53	Lycamobile (Pty) Ltd

* 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. 41)

<i>Country or area/ISO code</i> <i>Company Name/Address</i>	<i>Company Code</i> <i>(carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	ADD	
Gemeindewerke Hohenwestedt GmbH Am Gaswerk 8 24594 HOHENWESTEDT	GWH100	Mr Tim Petersen Tel: +49 4871 7687 24 Fax: +49 4871 7687 19 E-mail: t.petersen@gemeindewerke-hohenwestedt.de
Snellstar GmbH Kastrasse 101 24114 KIEL	SNELL	Mr Karlheinz Hagen Tel: +49 431 7755102 Fax: +49 431 7755105 E-mail: tk@snellstar.de
Stadtwerke Nortorf Breitband GmbH Poststrasse 21 24589 NORTORF	DEUNOR	Mr Kerrin Niklas Bracker Tel: +49 4392 9130 104 Fax: +49 4392 9130 290 E-mail: k.bracker@stadtwerke-nortorf.de
Portugal / PRT	SUP	
Companhia Portuguesa Rádio Marconi (CPRM) Av. Alvaro País, 2, Edifício Marconi 1600 LISBOA	CPRM	Abel Santos Veloso Tel: +351 21 790 7667 Fax: +351 21 720 7174
PT Comunicações S.A. Av. Fontes Pereira de Melo, 40 1089 LISBOA CODEX	PT	Lucilia Fernandes Tel: +351 21 500 2000 Fax: +351 21 350 4728
Portugal / PRT	ADD	
MEO - Serviços de Comunicações e Multimédia, S.A Avenida Fontes Pereira de Melo, nº 40 1069-300 LISBOA	MEO	Ms Anabela Maia Tel: +351 215007419 Fax: +351 215007032 E-mail: anabela.s.maia@telecom.pt

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. 24)

Numerical order ADD
5-218 Hungary

Alphabetical order ADD
5-218 Hungary

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 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 12)

<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>		
Hungary ADD			
4-243-5	10141	Budapest-DIGIMOBIL-02	DIGI Telecommunication Ltd
4-243-6	10142	Debrecen-DIGIMOBIL-02	DIGI Telecommunication Ltd
Hungary LIR			
2-032-7	4359	Budapest BTH01	BT Limited Hungarian Branch Office
2-212-0	5792	Budaörs DN01	GTS Hungary Telecommunications Ltd.
2-212-6	5798	Pannon INT1	Telenor Hungary Ltd
4-243-2	10138	Bp. MGWG	Magyar Telekom Plc
4-243-3	10139	Bp. MGWF	Magyar Telekom Plc
6-251-1	14297	Budaörs DN02	GTS Hungary Telecommunications Ltd.
Portugal SUP			
2-137-7	5199	TTPLBA	Transit Telecom, Sociedade Unipessoal Ltda
Portugal LIR			
2-136-0	5184	Stand Alone Linda-a-Velha (SA1)	MEO (Fixed)
2-136-1	5185	Stand Alone Picoas (SA2)	MEO (Fixed)
2-136-2	5186	TDM Switch Linda-a-Velha (LRM4)	MEO (Fixed)

<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>		
2-136-3	5187	Planned for Stand Alone Linda-a-Velha (SA1)	MEO (Fixed)
2-136-4	5188	Planned for Stand Alone Picoas (SA2)	MEO (Fixed)
2-136-5	5189	Planned for Stand Alone Linda-a-Velha (SA1)	MEO (Fixed)
2-136-6	5190	Planned for Stand Alone Picoas (SA2)	MEO (Fixed)
2-137-0	5192	NOS (LOS10) LISBOA	NOS Comunicações, S.A.
2-137-1	5193	Planned for Stand Alone Linda-a-Velha (SA1)	MEO (Fixed)
2-137-2	5194	Planned for Stand Alone Picoas (SA2)	MEO (Fixed)
2-137-3	5195	TDM Switch Picoas (LRM3)	MEO (Fixed)
2-137-4	5196	NOS (LON10) LISBOA	NOS Comunicações, S.A.
2-137-5	5197	NOS (PCS10) PORTO	NOS Comunicações, S.A.
2-137-6	5198	ARTELECOM (LSBNPTJZ01T) LISBOA	AR Telecom - Acessos e Redes de Telecomunicações, S.A.
2-138-1	5201	VODAFONE (MAT1TE) LISBOA-MATINHA	Vodafone Portugal - Comunicações Pessoais, S.A.
2-138-2	5202	NOS (LSB30) LISBOA-LOURES	NOS Comunicações, S.A.
2-138-3	5203	ONI (00INTL1) LISBOA	ONITELECOM - Infocomunicações, S.A.
2-138-4	5204	ONI (00INTP1) PORTO	ONITELECOM - Infocomunicações, S.A.
2-138-5	5205	ONI (REPÚBLICA) AV. DA REPÚBLICA	ONITELECOM - Infocomunicações, S.A.
2-138-6	5206	NOS (TVCLIS04) LISBOA	NOS Comunicações, S.A.
2-138-7	5207	NOS (TVCLIS91) LISBOA	NOS Comunicações, S.A.
2-139-0	5208	NOS (GRA30) LISBOA	NOS Comunicações, S.A.
2-139-1	5209	VODAFONE (MAT1FS) LISBOA-MATINHA	Vodafone Portugal - Comunicações Pessoais, S.A.
2-139-2	5210	VODAFONE (ALF1ME) CASAL DE ALFRAGIDE	Vodafone Portugal - Comunicações Pessoais, S.A.
2-139-3	5211	VODAFONE (BOA1FS) PORTO/BOAVISTA	Vodafone Portugal - Comunicações Pessoais, S.A.
2-139-4	5212	VODAFONE (ALF1TC) LISBOA	Vodafone Portugal - Comunicações Pessoais, S.A.
2-139-5	5213	VODAFONE (BOA1TC) PORTO	Vodafone Portugal - Comunicações Pessoais, S.A.
2-139-6	5214	COLT (COLT) OEIRAS	COLT Technology Services, Unipessoal, Lda.
2-139-7	5215	IP (RTINT1) LISBOA-GARE DO ORIENTE	IP Telecom - Serviços de Telecomunicações, S.A.
2-223-0	5880	NOWO (LSBNPTCB01V) PALMELA	NOWO Communications, S.A.
2-223-1	5881	NOWO (ESTRPOCB02V) ESTARREJA	NOWO Communications, S.A.
2-223-2	5882	NOWO (G9S01) LISBOA	G9Telecom, S.A.
2-223-3	5883	NOWO (G9S02) PORTO	G9Telecom, S.A.
2-223-4	5884	ARTELECOM (ALC01-SSW02) LISBOA	AR Telecom - Acessos e Redes de Telecomunicações, S.A.
2-223-5	5885	Lisboa - LISBSC2ARTELECOM (ALC01-MGW03) LISBOA	AR Telecom - Acessos e Redes de Telecomunicações, S.A.
3-249-0	8136	SPIC1 (STP Picoas Lisboa)	MEO (Fixed)
3-249-1	8137	SLAP1 (STP Lapa Porto)	MEO (Fixed)

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 15.III.2017 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country Code (CC)</i>
Burkina Faso	+226