

# ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1144**

15.III.2018

(Information received by 1 March 2018) ISSN 1564-5223 (Online)

Place des Nations CH-1211  
Genève 20 (Switzerland)  
Tel: +41 22 730 5111  
E-mail: [itumail@itu.int](mailto:itumail@itu.int)

Standardization Bureau (TSB)  
Tel: +41 22 730 5211  
Fax: +41 22 730 5853  
E-mail: [tsbmail@itu.int](mailto:tsbmail@itu.int) / [tsbtson@itu.int](mailto:tsbtson@itu.int)

Radiocommunication Bureau (BR)  
Tel: +41 22 730 5560  
Fax: +41 22 730 5785  
E-mail: [brmail@itu.int](mailto:brmail@itu.int)

## Table of Contents

	<i>Page</i>
<b>GENERAL INFORMATION</b>	
Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i> .....	3
Approval of ITU-T Recommendations .....	4
The International Public Telecommunication Numbering Plan (Recommendation ITU-T E.164 (11/2010)) .....	4
Telephone Service:	
<i>Armenia (Ministry of Transport, Communication and Information Technologies, Yerevan)</i> .....	5
<i>Burkina Faso (Autorité de Régulation des Communications Electroniques et des Postes (ARCEP),     Ouagadougou)</i> .....	17
<i>Denmark (Danish Energy Agency, Copenhagen)</i> .....	17
<i>Ghana (National Communications Authority (NCA), Accra)</i> .....	18
<i>Sweden (Swedish Post and Telecom Authority, Stockholm)</i> .....	18
Other communication:	
<i>Austria</i> .....	19
Changes in Administrations/ROAs and other entities or Organizations:	
<i>Bahrain (Central Informatics Organization (CIO) Directorate of Wireless Licensing, Frequency     &amp; Monitoring ITU BR IFIC, Isa Town Bahrain: Change of name)</i> .....	19
Service Restrictions .....	20
Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006) .....	20
<b>AMENDMENTS TO SERVICE PUBLICATIONS</b>	
List of Issuer Identifier Numbers for the International Telecommunication Charge Card .....	21
Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions .....	24
List of ITU Carrier Codes .....	25
List of International Signalling Point Codes (ISPC) .....	26
National Numbering Plan .....	26

<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1145	1.IV.2018	16.III.2018
1146	15.IV.2018	30.III.2018
1147	1.V.2018	13.IV.2018
1148	15.V.2018	1.V.2018
1149	1.VI.2018	16.V.2018
1150	15.VI.2018	1.VI.2018
1151	1.VII.2018	15.VI.2018
1152	15.VII.2018	29.VI.2018
1153	1.VIII.2018	17.VII.2018
1154	15.VIII.2018	1.VIII.2018
1155	1.IX.2018	16.VIII.2018
1156	15.IX.2018	31.VIII.2018
1157	1.X.2018	14.IX.2018
1158	15.X.2018	28.IX.2018
1159	1.XI.2018	16.X.2018
1160	15.XI.2018	1.XI.2018
1161	1.XII.2018	15.XI.2018
1162	15.XII.2018	30.XI.2018

## 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 TSB Circular 76 of 22 February 2018, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T Recommendation ITU-T G.993.2 (2015), Very high speed digital subscriber line transceivers 2 (VDSL2): Amendment 3.
- ITU-T Recommendation ITU-T G.9961 (2015), Unified high-speed wire-line based home networking transceivers - Data link layer specification: Amendment 3.
- ITU-T Recommendation G.9978 (02/2018), Secure admission in G.hn network.

## The International Public Telecommunication Numbering Plan (Recommendation ITU-T E.164 (11/2010))

### Note from TSB

ITU-T Study Group 2, which is the leading study group on numbering, naming, addressing, identification and routing, agreed at its meeting of 27 November to 1 December to publish the following statement in ITU Operational Bulletin:

“ITU supports Operators taking action to remove numbers being advertised without authority on IPRN websites. Such use of numbers does not comply with Recommendation ITU-T E.190”

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

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

### Armenia (country code +374)

Communication of 20.II.2018:

The Ministry of Transport, Communication and Information Technologies, Yerevan, announces the updated version of National Numbering Plan of Armenia.

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			<i>Geographic numbers for fixed telephony services</i>			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
<b>Yerevan</b>	Telephone Exchanges	10	-	2xxxxx, 3xxxxx, 4xxxxx, 5xxxxx, 6xxxxx, 7xxxxx, 8xxxxx, 9xxxxx		
		11	-		2xxxxx, 3xxxxx, 4xxxxx, 5xxxxx, 6xxxxx, 7xxxxx, 8xxxxx, 9xxxxx	
		12	-			2xxxxx, 3xxxxx, 4xxxxx, 5xxxxx, 6xxxxx, 7xxxxx, 8xxxxx, 9xxxxx

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
				Geographic numbers for fixed telephony services		
				VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)
Kotayk	<b>Abovyan</b>	222	-	2xxxx, 3xxxx, 4xxxx, 7xxxx, 9xxxx	5xxxx	81xxx
	Arzni			94xxx		
	Arinj			98xxx		
	Geghashen			97xxx		
	Abovyan CDMA			6xxxx		
	<b>Hrazdan</b>	223	-	2xxxx, 3xxxx, 4xxxx, 9xxxx	70xxx, 71xxx, 72xxx, 73xxx, 74xxx	810xx, 811xx, 812xx, 813xx, 814xx
	Tsaghkadzor			5xxxx	75xxx, 76xxx, 77xxx, 78xxx, 79xxx	815xx, 816xx, 817xx, 818xx, 819xx
	Hrazdan CDMA			6xxxx		
	<b>Charentsavan</b>			226	-	2xxxx, 4xxxx, 7xxxx
	Charentsavan CDMA	6xxxx				
	<b>Eghvard</b>	224	-	2xxxx, 3xxxx, 5xxxx, 9xxxx	7xxxx	810xx, 811xx, 812xx, 813xx, 814xx
	<b>Nor-Hachn</b>			4xxxx		815xx, 816xx, 817xx, 818xx, 819xx
	Eghvard CDMA			6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
				Geographic numbers for fixed telephony services		
				VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)
Armavir	Echmiadzin	231	-	4xxxx, 5xxxx, 9xxxx	2xxxx	810xx, 811xx, 812xx, 813xx, 814xx, 815xx, 816xx
	Zvartnots			7xxxx	3xxxx	817xx, 818xx, 819xx
	Echmiadzin CDMA			6xxxx		
	Armavir	237	-	2xxxx, 5xxxx, 7xxxx, 9xxxx	40xxx, 41xxx, 42xxx, 43xxx, 44xxx, 45xxx, 46xxx	810xx, 811xx, 812xx, 813xx, 814xx, 815xx, 816xx
	Metsamor			3xxxx	47xxx, 48xxx, 49xxx	817xx, 818xx, 819xx
	v. Armavir			71xxx		
	Bambakashat			79xxx		
	Mrgashat			72xxx		
	Nalbandyan			92xxx		
	Tandzyt			96xxx		
	Armavir CDMA			6xxxx		
	Baghramian	233	-	2xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Myasnikian			74xxx		
	Baghramian CDMA			6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Ararat	Vedi	234	-	2xxxx, 3xxxx, 4xxxx, 8xxxx, 9xxxx	70xxx, 71xxx, 72xxx, 73xxx, 74xxx	510xx, 511xx, 512xx, 513xx, 514xx
	Ararat			75xxx, 76xxx, 77xxx, 78xxx, 79xxx	515xx, 516xx, 517xx, 518xx, 519xx	
	Urtsadzor			86xxx		
	Vedi CDMA			6xxxx		
	Ararat CDMA					
	Artashat	235	-	2xxxx, 5xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Norashen			92xxx, 93xxx		
	Artashat CDMA			6xxxx		
	Masis	236	-	2xxxx, 3xxxx, 4xxxx, 9xxxx	5xxxx	81xxx
	Masis CDMA			6xxxx		



Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Aragatsotn	<b>Ashtarak</b>	232	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Byurakan			94xxx		
	Ohanavan			90xxx		
	Ashtarak CDMA			6xxxx		
	<b>Talin</b>	249	-	2xxxx, 3xxxx, 7xxxx, 9xxxx	4xxxx	81xxx
	Aragats			95xxx		
	Katnaghbyur			73xxx		
	Mastara			97xxx		
	Talin CDMA			6xxxx		
	<b>Aparan</b>	252	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Artavan			95xxx		
	Quchak			91xxx		
	Aparan CDMA			6xxxx		
	<b>Tsaghkahovit</b>	257	0	2xxx		
	Tsaghkahovit region		-	2xxxx	3xxxx	81xxx
	Tsaghkahovit CDMA		-	6xxxx		

Marz name (Province)	Destination name	Existing N(S)N					
		NDC	Additional digits	Inter-regional destination code + SN			
			Geographic numbers for fixed telephony services				
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)		
Shirak	Gyumri	312	-	2xxxx, 3xxxx, 4xxxx, 5xxxx	9xxxx	850xx, 851xx, 852xx, 853xx, 854xx, 855xx, 856xx, 857xx, 858xx	
	Akhurian region			7xxxx		80xxx, 81xxx, 82xxx, 83xxx, 84xxx	859xx
	Gyumri CDMA			6xxxx			
	Ashotsk region	245	-	2xxxx, 3xxxx	4xxxx	81xxx	
	Ashotsk CDMA			6xxxx			
	Amasia region	246	-	2xxxx, 3xxxx	4xxxx	81xxx	
	Amasia CDMA			6xxxx			
	Maralik	242	-	2xxxx, 3xxxx, 4xxxx, 9xxxx	5xxxx	81xxx	
	Sarnaghbyur			31xxx			
	Maralik CDMA			6xxxx			
	Artik	244	-	2xxxx, 3xxxx, 5xxxx, 9xxxx	4xxxx	81xxx	
	Panik			92xxx			
	Artik CDMA			6xxxx			
	Arapi			243	00		5xx, 6xx

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Lori	<b>Vanadzor</b>	322	-	2xxxx, 3xxxx, 4xxxx, 5xxxx, 60xxx, 61xxx, 62xxx, 63xxx, 64xxx, 65xxx, 66xxx, 9xxxx	7xxxx	81xxx
	Vanadzor CDMA			6xxxx		
	<b>Spitak region</b>	255	-	2xxxx, 3xxxx	4xxxx	81xxx
	Spitak CDMA			6xxxx		
	<b>Alaverdi</b>	253	-	2xxxx, 3xxxx, 4xxxx, 5xxxx	7xxxx	81xxx
	Akhtala			52xxx		
	Tumanyan			57xxx		
	Alaverdi CDMA			6xxxx		
	<b>Tashir</b>	254	-	2xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Metsavan			94xxx		
	Tashir CDMA			6xxxx		
	<b>Stepanavan</b>	256	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Stepanavan CDMA			6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Gegharkunik	<b>Sevan</b>	261	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Sevan CDMA			6xxxx		
	<b>Martuni</b>	262	-	2xxxx, 4xxxx, 5xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Vardenik			52xxx, 53xxx		
	Martuni CDMA			6xxxx		
	<b>Gavar</b>	264	-	2xxxx, 3xxxx, 4xxxx, 9xxxx	5xxxx	81xxx
	Gavar CDMA			6xxxx		
	<b>Vardenis</b>	269	-	2xxxx, 3xxxx, 7xxxx, 9xxxx	4xxxx	81xxx
	Vardenis CDMA			6xxxx		
	<b>Chambarak</b>	265	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Vahan			96xxx		
	Chambarak CDMA			6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Tavush	<b>Ijevan</b>	263	-	3xxxx, 4xxxx, 7xxxx, 9xxxx	2xxxx	81xxx
	Aygehovit			74xxx		
	Achajur			92xxx		
	Ijevan CDMA			6xxxx		
	<b>Berd</b>	267	-	2xxxx, 5xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Mosesgegh			96xxx		
	Navur			91xxx		
	Norashen			97xxx		
	Berd CDMA			6xxxx		
	<b>Noyemberian</b>	266	-	2xxxx, 5xxxx, 7xxxx, 9xxxx	3xxxx	81xxx
	Voskepar			96xxx		
	Koti			99xxx		
	Koghb			52xxx, 53xxx		
	Noyemberian CDMA			6xxxx		
	<b>Dilijan</b>	268	-	2xxxx, 3xxxx, 9xxxx	4xxxx	81xxx
	Haghartsin			95xxx		
	Teghut			97xxx		
	Dilijan (4 digits)			0		
	Dilijan CDMA		-	6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
			Geographic numbers for fixed telephony services			
			VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)	
Vayots dzor	<b>Yeghegnadzor</b>	281	-	2xxxx, 5xxxx, 9xxxx	3xxxx	81xxx
	Malishka			95xxx		
	Shatin			99xxx		
	Yeghegnadzor CDMA			6xxxx		
	<b>Vaik</b>	282	-	2xxxx, 928xx, 929xx	3xxxx	81xxx
	Vaik region			9xxxx		
	Vaik CDMA			6xxxx		
	<b>Jermuk</b>	287	-	2xxxx, 9xxxx	3xxxx	81xxx
	Gndevaz			94xxx		
	Jermuk CDMA			6xxxx		

Marz name (Province)	Destination name	Existing N(S)N				
		NDC	Additional digits	Inter-regional destination code + SN		
				Geographic numbers for fixed telephony services		
				VEON Armenia (Beeline)	Ucom	GNC-Alfa (Rostelecom)

Syunik	<b>Sisian region</b>	283	-	2xxxx, 7xxxx, 8xxxx, 9xxxx	3xxxx	51xxx
	Sisian (4 digits)		0	xxxx		
	Sisian CDMA		-	6xxxx		
	<b>Goris region</b>	284	-	2xxxx, 3xxxx, 4xxxx, 9xxxx	5xxxx	81xxx
	Goris CDMA			6xxxx		
	<b>Kapan</b>	285	-	2xxxx, 5xxxx, 9xxxx	40xxx, 41xxx, 42xxx, 43xxx, 44xxx	810xx, 811xx, 812xx, 813xx, 814xx
	Kajaran			3xxxx	45xxx, 46xxx, 47xxx, 48xxx, 49xxx	815xx, 816xx, 817xx, 818xx, 819xx
	Kapan CDMA			6xxxx		
	<b>Meghri</b>		286	-	4xxxx, 9xxxx	3xxxx
	Agarak			2xxxx		815xx, 816xx, 817xx, 818xx, 819xx
	Shvanidzor			95xxx	5xxxx	
	Meghri CDMA			6xxxx		

		Existing N(S)N		
		NDC		SN
Non-geographic number for mobile services	VEON Armenia GSM (Beeline)	91, 96, 99, 43		xxxxxx
	MTS Armenia GSM (Vivacell MTS)	77, 88, 93, 94, 98		xxxxxx
	Ucom GSM (Ucom)	41, 44, 55, 95		xxxxxx
Existing N(S)N				
		NDC	Additional digits	SN
Non-geographical code for fixed telephony services	Arminco	60	-	27xxxx, 62xxxx, 66xxxx
	Dzoraghbyur Hamalir			28xxxx
	Hi-Tech Gateway			351xxx
	Web			36xxxx
	CrossNet			37xxxx, 40xxxx, 43xxxx, 47xxxx, 48xxxx, 49xxxx
	Netsys			39xxxx, 63xxxx
	Ucom			38xxxx, 42xxxx, 44xxxx, 50xxxx, 51xxxx, 52xxxx, 53xxxx, 54xxxx, 65xxxx
	Griar Telecom			45xxxx, 56xxxx, 57xxxx, 58xxxx, 59xxxx, 60xxxx
	GNC-Alfa			46xxxx, 71xxxx, 72xxxx, 73xxxx, 74xxxx, 75xxxx
	Ayter			64xxxx
	MTS Armenia			61xxxx, 67xxxx, 68xxxx, 69xxxx, 70xxxx, 77/0000-1200,3300-3400,6600-6700, 7000-9200/, 78/0000-0800,7700-8900/, 80/0000-0100,0800-2400,7770-8990,9900-9999/, 81/0000-1200,8800-8999/
	HNet			82xxxx
	VEON Armenia			83xxxx, 84xxxx, 85xxxx
Arpinet	86xxxx, 87xxxx, 88xxxx, 89xxxx, 90xxxx			

Contact:

Ministry of Transport, Communication and Information Technologies  
28, Nalbandyan Str.  
0010 YEREVAN  
Armenia  
Tel: +374 10590009  
Fax: +374 10523862  
E-mail: info@mtcit.am  
URL: www.mtcit.am



### Burkina Faso (country code +226)

Communication of 27.II.2018:

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 new prefix AB=54:

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	Time and date of introduction
	Maximum length	Minimum length			
54	8	8	Non-geographic number - Mobile telephone service	ORANGE Burkina Faso.	2018-02-28-00:00 (UTC)

Contact:

Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)  
B.P. 6437  
OUAGADOUGOU 01  
Burkina Faso  
Tel: +226 25 37 53 60/61/62  
Fax: +226 25 37 53 64  
E-mail: [secretariat@arcep.bf](mailto:secretariat@arcep.bf)  
URL: [www.arcep.bf](http://www.arcep.bf)

### Denmark (country code +45)

Communication of 19.II.2018:

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

- Withdrawal – Fixed communications services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Belgacom International Carrier Services SA	7815efgh	19.II.2018

Contact:

Danish Energy Agency  
Amaliegade 44  
1256 COPENHAGEN K  
Denmark  
Tel: +45 33 92 67 00  
Fax: +45 33 11 47 43  
E-mail: [ens@ens.dk](mailto:ens@ens.dk)  
URL: [www.ens.dk](http://www.ens.dk)

## Ghana (country code +233)

Communication of 19.II.2018:

The *National Communications Authority (NCA)*, Accra, announces the assignment of new numbering block to a new mobile virtual network operator, Comsys Ghana Limited.

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 plan:

<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>		
25YZ (NDC) YZ = 40 (25 40XXXXX)	9	9	Non-geographic for mobile and data services	Comsys Ghana Limited

Contact:

National Communications Authority (NCA)  
Mr Paul Kofi Datsa  
NCA Tower, No. 6 Airport City  
P.O. Box CT 1568, Cantonments  
ACCRA  
Ghana  
Tel: +233 302 776 621  
Fax: +233 302 763 449  
E-mail: info@nca.org.gh  
URL: www.nca.org.gh

## Sweden (country code +46)

Communication of 22.II.2018:

The *Swedish Post and Telecom Authority*, Stockholm, announces updates to the National Numbering Plan for Sweden:

### Description of introduction of new resource for national E.164 numbering plan for country code 46:

<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>Time and date of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
678 (NDC)	12	12	Routing address – Assigned to Götalandsnätet AB	2018-01-31

Contact:

Ms Ann-Charlotte Bejerskog  
Swedish Post and Telecom Authority  
Box 5398  
102 49 STOCKHOLM  
Sweden  
Tel: +46 8 678 55 37  
Fax: +46 8 678 55 05  
E-mail: ann-charlotte.bejerskog@pts.se  
URL: www.pts.se

## Other communication

### Austria

Communication of 28.II.2018:

On the occasion of the commemoration of 100 years of the founding of the republic of Austria, the Austrian Administration authorizes Austrian amateur stations to use the special call sign **OE100xxx** from 11 March to 13 November 2018.

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

### Bahrain

Communication of 1.III.2018:

#### *Change of name*

The *Central Informatics Organization (CIO) Directorate of Wireless Licensing, Frequency & Monitoring ITU BR IFIC*, Isa Town, announces that it has changed its name. It is now called: « Central Informatics Organization (CIO) ».

Central Informatics Organization (CIO)  
33305 ISA TOWN  
Bahrain  
Tel: +97317878000  
Fax: +97317878101  
URL: [www.cio.gov.bh](http://www.cio.gov.bh)

## 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 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. 37)

### Croatia LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Croatia	<b>Hrvatski Telekom d.d.</b> Roberta Frangeša Mihanovića 9 HR-10110 ZAGREB	<b>89 385 98</b>	Mr Ivica Ivanušević Roberta Frangeša Mihanovića 9 HR-10110 ZAGREB Tel: +385 1 498 4098 Fax: +385 1 498 2411
Croatia	<b>VIPnet d.o.o.</b> Vrtni put 1 HR-10000 ZAGREB	<b>89 385 91</b>	Mr Jiří Dvorjančanský Vrtni put 1 HR-10000 ZAGREB Tel: +385 1 4691091 Fax: +385 1 4691099

### Czech Rep. LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Czech Rep.	<b>O2 Czech Republic a.s.</b> Za Brumlovkou 266/2 140 22 PRAHA 4 - MICHLE	<b>89 420 05</b>	Pavel Zajíc Za Brumlovkou 266/2 140 22 PRAHA 4 - MICHLE Tel: +420 271 463 420 E-mail: pavel.zajic@o2.cz
Czech Rep.	<b>O2 Czech Republic a.s.</b> Za Brumlovkou 266/2 140 22 PRAHA 4 - MICHLE	<b>89 420 20</b>	Pavel Zajíc Za Brumlovkou 266/2 140 22 PRAHA 4 - MICHLE Tel: +420 271 463 420 E-mail: pavel.zajic@o2.cz
Czech Rep.	<b>T-Mobile Czech Republic a.s.</b> Tomíčková 2144/1 148 00 PRAGUE 4	<b>89 420 01</b>	Martin Orgoník Tomíčková 2144/1 148 00 PRAGUE 4 Tel: +420 603 604 109 E-mail: martin.orgonik@t-mobile.cz

## Kenya

## LIR

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Kenya	<b>Airtel Networks Kenya Limited</b> Parkside Towers Mombasa Road P.O. Box 73146 00200 NAIROBI	<b>89 254 03</b>	Ganson Lewela Parkside Towers Mombasa Road P.O. Box 73146 00200 NAIROBI Tel: +254 739 510 079 E-mail: ganson.lewela@ke.airtel.com
Kenya	<b>Airtel Networks Kenya Limited</b> Parkside Towers Mombasa Road P.O. Box 73146 00200 NAIROBI	<b>89 254 05</b>	Ganson Lewela Parkside Towers Mombasa Road P.O. Box 73146 00200 NAIROBI Tel: +254 739 510 079 E-mail: ganson.lewela@ke.airtel.com
Kenya	<b>Mobile Pay Kenya Limited</b> Wilson Airport Slip Road P.O. Box 69768 00400 NAIROBI	<b>89 254 04</b>	Mr Oscar Ikinu Wilson Airport Slip Road P.O. Box 69768 00400 NAIROBI Tel: +254 760 000 000 E-mail: oscar@tangaza.co.ke
Kenya	<b>Finserve Kenya Limited</b> 9 <sup>th</sup> Floor Equity centre, Hospital Road, Upper Hill P.O. Box 75104 00100 NAIROBI	<b>89 254 06</b>	Mr Jack Ngare 9 <sup>th</sup> Floor Equity centre, Hospital Road, Upper Hill P.O. Box 75104 00100 NAIROBI Tel: +254 763 300 300 E-mail: jack.ngare@equitybank.co.ke
Kenya	<b>Telkom Kenya Limited</b> Telkom Plaza Ralph Bunche Road P.O. Box 30301 00100 NAIROBI	<b>89 254 07</b>	Mr Erick Njuri Telkom Plaza Ralph Bunche Road P.O. Box 30301 00100 NAIROBI Tel.: +254 774 133 702 E-mail: enjuri@telkom.co.ke
Kenya	<b>Jamii Telecommunications Ltd</b> ADGroup Centre Kunde Road, Off Korosho Road, Valley Arcade P.O. Box 47419 00100 NAIROBI	<b>89 254 10</b>	Mr John Kamau ADGroup Centre Kunde Road, Off Korosho Road, Valley Arcade P.O. Box 47419 00100 NAIROBI Tel: +254 711 054 109 E-mail: kamau@jtl.co.ke

**Liberia****LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Liberia	<b>Lonestar Communication Corporation</b> LBDI Building, Tubman Boulevard Congotown, MONROVIA	<b>89 231 01</b>	Ms Laureine Guilao LBDI Building, Tubman Boulevard Congotown, MONROVIA Tel: +231 886 501 095 E-mail: laureine.guilao@mtn.com
Liberia	<b>Novafone Inc.</b> LBDI Building, Tubman Boulevard Congotown, MONROVIA	<b>89 231 04</b>	Ms Laureine Guilao LBDI Building, Tubman Boulevard Congotown, MONROVIA Tel: +231 886 501 095 E-mail: laureine.guilao@mtn.com
Liberia	<b>Orange Liberia</b> Haile Selassie Avenue, Capitol Bye Pass MONROVIA	<b>89 231 34</b>	Mr William F. Saamoi, Jr. Haile Selassie Avenue, Capitol Bye Pass MONROVIA Tel: +231 777 777 002/ 777 000 107 E-mail: william.saamoijr@orange.com

**Slovenia****LIR**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Slovenia	<b>Telekom Slovenije d.d.</b> Cigaletova 15 SI-1000 LJUBLJANA	<b>89 386 41</b>	Mitja Skubic Cigaletova 15 SI-1000 LJUBLJANA Tel: +386 1 472 8113 Fax: +386 1 433 9007 Email: ic@telekom.si
Slovenia	<b>A1 Slovenija d.d.</b> Smartinska 134 b SI-1000 LJUBLJANA	<b>89 386 40</b>	Marko Stoilovski Smartinska 134 b SI-1000 LJUBLJANA Tel: +386 40 440 139 Fax: +386 40 443 099 Email: icra@a1.si
Slovenia	<b>T-2 d.o.o.</b> Verovskova ulica 64A SI-1000 LJUBLJANA	<b>89 386 64</b>	Primož Perko Verovskova ulica 64A SI-1000 LJUBLJANA Tel: +386 5900 2514 Fax: +386 5900 2001 Email.: ic@t-2.com
Slovenia	<b>Telemach d.o.o.</b> Cesta Ljubljanske brigade 21 SI-1000 LJUBLJANA	<b>89 386 70</b>	Adrian Josip Jezina Cesta Ljubljanske brigade 21 SI-1000 LJUBLJANA Tel: +386 59188670 Email: adrian.jezina@telemach.si

**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.32)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Japan ADD		
	440 07	LTE-X, Inc.
	441 91	The Tokyo Organising Committee of the Olympic and Paralympic Games

\* 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. 58)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
ingenia digitale Netze GmbH Seckendorffallee 19 - 21 74564 CRAILSHEIM	<b>INGDIG</b>	Mr Steffen Boegner Tel: +49 7954 92690 22 Fax: +49 7954 92690 11 E-mail: s.boegner@ingenia-digital.de
Stadtwerke Nürtingen GmbH Porschestrasse 5 - 9 72622 NUERTINGEN	<b>NTNET</b>	Mr Norman Tietz Tel: + 49 7022 406 140 Fax: + 49 7022 406 123 E-mail: norman.tietz@sw-nuertingen.de
TBits.net GmbH Bruehlweg 9 73553 ALFDORF	<b>TBITS</b>	Mr Thomas Boernert Tel: +49 7172 18391 0 Fax: +49 7172 18391 99 E-mail: info@tbits.net
Vater Service 4 Net GmbH Schellingstrasse 17 22089 HAMBURG	<b>VATER</b>	Mr Wilfried Mueller Tel: + 49 40 299935 0 Fax: + 49 40 299935 35 E-mail: wmueller@vater-gruppe.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. 32)

<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>				
	5-145-0	11400	STP-Sonus Singapore 1	Belgacom International Carrier Services Asia Pte Ltd
	5-145-1	11401	STP-Sonus Singapore 2	Belgacom International Carrier Services Asia Pte Ltd
<b>Yemen ADD</b>				
	4-042-5	8533	AIGW	MOT
	4-042-6	8534	HDIGW	MOT
	4-042-7	8535	AMOB	MOT

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.II.2018, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Azerbaijan	+994
Iran (Islamic Republic of)	+98
Sao Tome and Principe	+239
Tuvalu	+688