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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.

- 1199 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 July 2020)
- 1162 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 15 December 2018)
- 1161 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)
- 1154 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 15 August 2018)
- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (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)
- 1096 Legal time 2016
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 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 Rev. PP-06)
- 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)) (Position on 1 April 2011)
- 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 (03/1998)) (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)	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-117, 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.1027 (11/2021): QoS metrics for the assessment of the impact of fixed geographic structures on telephony quality and call stability
- ITU-T G.1035 (11/2021): Influencing factors on quality of experience for virtual reality services
- ITU-T J.1631 (11/2021): Functional requirements of E2E network platform for Cloud-VR services
- ITU-T L.1317 (11/2021): Guidelines on energy efficient blockchain systems
- ITU-T P.565 (11/2021): Framework for creation and performance testing of machine learning based models for the assessment of transmission network impact on speech quality for mobile packet-switched voice services
- ITU-T P.565.1 (11/2021): Machine learning model for the assessment of transmission network impact on speech quality for mobile packet-switched voice services
- ITU-T P.910 (11/2021): Subjective video quality assessment methods for multimedia applications
- ITU-T Y.4004 (11/2021): Overview of smart oceans and seas, and requirements for their ICT implementations
- ITU-T Y.4212 (11/2021): Requirements and capabilities of network connectivity management in the Internet of things
- ITU-T Y.4213 (11/2021): IoT requirements and capability framework for monitoring physical city assets
- ITU-T Y.4477 (11/2021): Framework of service interworking with device discovery and management in heterogeneous Internet of things environments
- ITU-T Y.4478 (11/2021): Requirements and functional architecture for smart construction site services
- ITU-T Y.4480 (11/2021): Low power protocol for wide area wireless networks
- ITU-T Y.4563 (11/2021): Requirements and functional model to support data interoperability in IoT environments
- ITU-T Y.4810 (11/2021): Requirements of data security for the heterogeneous IoT devices
- ITU-T Y.4811 (11/2021): Reference framework of converged service for identification and authentication for IoT devices in decentralized environment

Telephone Service (Recommendation ITU-T E.164)

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

Cabo Verde (country code +238)

Communication of 19.XI.2021:

The *Agência Reguladora Multisectorial da Economia (ARME)*, Praia, announces the following national numbering plan for Cabo Verde.

Presentation of national ITU-T E.164 numbering plan for country code 238

- a) Overview:
The minimum number length (excluding the country code) is 7 digits.
The maximum number length (excluding the country code) is 7 digits.
- b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan: n/a
- c) Link to the real-time database reflecting ported ITU-T E.164 numbers: n/a
- d) 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>		
221 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Ribeira Grande (Santo Antão Island)
222 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Porto Novo (Santo Antão Island)
223 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Paul (Santo Antão Island)
224 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Coculi (Santo Antão Island)
225 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Ponta de Sol (Santo Antão Island)
226 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Manta Velha/Chã de Igreja (Santo Antão Island)
227 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Lajedos/Alto Mira (Santo Antão Island)
230 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Mindelo (São Vicente Island)
231 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Mindelo (São Vicente Island)
232 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Mindelo (São Vicente Island)

<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>		
235 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Ribeira Brava (São Nicolau Island)
236 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Tarrafal de São Nilolau (São Nicolau Island)
237 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Fajã (São Nicolau Island)
238 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia Branca (São Nicolau Island)
241 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Espargos (Sal Island)
242 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Santa Maria (Sal Island)
251 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Sal Rei (Boavista Island)
252 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Fundo das Figueiras (Boavista Island)
255 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Vila Maio (Maio Island)
256 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Calheta do Maio (Maio Island)
260 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia (Santiago Island)
261 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia (Santiago Island)
262 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia (Santiago Island)
263 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia (Santiago Island)
264 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Praia (Santiago Island)
265 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Santa Catarina (Santiago Island)
266 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Tarrafal Santiago (Santiago Island)
267 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Cidade Velha (Santiago Island)

<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>		
268 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for São Domingos (Santiago Island)
269 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Pedra Badejo (Santiago Island)
271 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Orgão/São Jorge (Santiago Island)
272 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Picos (Santiago Island)
273 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Calheta São Miguel (Santiago Island)
281 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for São Filipe (Fogo Island)
282 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Cova Figueira (Fogo Island)
283 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Mosteiros (Santiago Island)
284 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for São Jorge (Fogo Island)
285 (NDC)	7	7	Geographic number for fixed telephony services (area code)	Area code for Nova Sintra (Brava Island)
33 (NDC)	7	7	Geographic number for fixed VoIP telephony services (area code)	NDC assigned to Unitel T+
34 (NDC)	7	7	Geographic number for fixed VoIP services telephony (area code)	NDC assigned to CVMultimédia
35 (NDC)	7	7	Geographic number for fixed VoIP services telephony (area code)	NDC assigned to CVMóvel
43 (NDC)	7	7	Non-Geographic number for nomadic VoIP telephony services (area code)	NDC assigned to Unitel T+
45 (NDC)	7	7	Non-Geographic number for nomadic VoIP telephony services (area code)	NDC assigned to CVMultimédia
46 (NDC)	7	7	Non-Geographic number for nomadic VoIP telephony services (area code)	NDC assigned to CVMóvel
51 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+
52 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+
53 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+

<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>		
58 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel
59 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel
6 (N(S)N)	7	7	Non-Geographic number for Value Added telephony services	
8 (N(S)N)	7	7	Non-Geographic number for Free Calling Services, Calling with Shared Costs, Virtual Calling Card, Personal Number telephony services	
91 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+
92 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+
93 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to Unitel T+
95 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel
97 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel
98 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel
99 (NDC)	7	7	Non-Geographic number for Mobile telephony services	NDC assigned to CVMóvel

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Iran (Islamic Republic of) (country code +98)

Communication of 27.XI.2021:

The *Communications Regulatory Authority (CRA)*, Tehran, announces the following updated National Numbering Plan of the Islamic Republic of Iran.

Presentation of the Iran E.164 numbering plan

1 – General Information

The E.164 numbering Plan of Iran:

- Country Code: +98
- International Prefix: "00"
- National Prefix: "0"
For national calls, it must be dialled before all telephone numbers except short numbers.
It must not be dialled from abroad.
- National destination Code: 2 digits.

2 – Detail of Numbering Scheme

- NDC: National Destination Code
- NSN: National Significant Number (NDC + SN)

The minimum number length (excluding the country code) is 5 digits

The maximum number length (excluding the country code) is 10 digits

Numbering Scheme

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
11	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Mazandaran)
13	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Gilan)
17	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Golestan)
21	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Tehran)
23	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Semnan)
24	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Zanjan)
25	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Qom)
26	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Alborz)
28	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Ghazvin)
31	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Isfahan)
34	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Kerman)
35	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Yazd)
38	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Chahar Mahal vaBakhtiari)
41	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – East Azarbayjan)

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
44	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – West Azarbayjan)
45	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Ardabil)
51	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Razavi Khorasan)
54	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – SistanvaBalochestan)
56	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – South Khorasan)
58	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – North Khorasan)
61	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Khuzestan)
66	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Lorestan)
71	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Fars)
74	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Kohgiluyeva Boyer Ahmad)
76	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Hormozgan)
77	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Bushehr)
81	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Hamadan)
83	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Kermanshahan)
84	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Ilam)
86	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Markazi)
87	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers – Kurdistan)
9001	10	10	Mobile services	
9002	10	10	Mobile services	
9003	10	10	Mobile services	
9004	10	10	Mobile services	
9005	10	10	Mobile services	
9006	10	10	Mobile services	
9007	10	10	Mobile services	
9008	10	10	Mobile services	
9009	10	10	Mobile services	
901	10	10	Mobile services	
902	10	10	Mobile services	
903	10	10	Mobile services	
9044	10	10	Mobile services	
9045	10	10	Mobile services	
9046	10	10	Mobile services	
905	10	10	Mobile services	
91	10	10	Mobile services	

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
920	10	10	Mobile services	
921	10	10	Mobile services	
922	10	10	Mobile services	
923	10	10	Mobile services	
93	10	10	Mobile services	
942121	10	10	Fixed Phone	Non geographical
94220	10	10	Fixed Phone	Non geographical
94260	6	10	Fixed Phone	Non geographical
942800	10	10	Fixed Phone	Non geographical
942801	10	10	Fixed Phone	Non geographical
942802	10	10	Fixed Phone	Non geographical
942900	10	10	Fixed Phone	Non geographical
942901	10	10	Fixed Phone	Non geographical
942902	10	10	Fixed Phone	Non geographical
942903	10	10	Fixed Phone	Non geographical
942904	10	10	Fixed Phone	Non geographical
9430130	10	10	Fixed Phone	Non geographical
943016	10	10	Fixed Phone	Non geographical
940000	10	10	Fixed Phone (fiber)	Non geographical
940009	10	10	Fixed Phone (fiber)	Non geographical
94440	10	10	Fixed Phone (Fixed wireless Access)	Just Originating from Iran
96	4	10	Services Codes	
990	10	10	Mobile services	
991	10	10	Mobile services	
992	10	10	Mobile services	
993	10	10	Mobile services	
9940	10	10	Mobile services	
9941	10	10	Mobile services	
9944	10	10	Mobile services	
9945	10	10	Mobile services	
9950	5	10	Public Trunk	
99510	10	10	Mobile services	
99550	10	10	Mobile services	
99810	10	10	Mobile services	
99811	10	10	Mobile services	
99812	10	10	Mobile services	
99813	10	10	Mobile services	
99814	10	10	Mobile services	
99815	10	10	Mobile services	
99816	10	10	Mobile services	
99817	10	10	Mobile services	
99818	10	10	Mobile services	
99888	10	10	Mobile services	
99900	10	10	Mobile services	

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
99901	10	10	Mobile services	
99903	10	10	Mobile services	
99910	10	10	Mobile services	
99911	10	10	Mobile services	
99912	10	10	Mobile services	
99913	10	10	Mobile services	
99914	10	10	Mobile services	
99921	10	10	Mobile services	
99977	10	10	Mobile services	
99987	10	10	Mobile services	
99988	10	10	Mobile services	
99989	10	10	Mobile services	
99990	10	10	Mobile services	
99991	10	10	Mobile services	
99992	10	10	Mobile services	
99993	10	10	Mobile services	
99994	10	10	Mobile services	
99995	10	10	Mobile services	
99996	10	10	Mobile services	
99997	10	10	Mobile services	
99998	10	10	Mobile services	
99999	10	10	Mobile services	

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Montserrat (country code +1 664)

Communication of 18.XI.2021:

The *Montserrat Info-Communications Authority (MICA)*, announces the following number ranges within the North American Numbering Plan (Numbering Plan Area (NPA) – 664) for Montserrat.

Presentation of E.164 National Numbering Plan for country code +1 664 (Montserrat):

a) Overview:

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

The maximum number length (excluding the country code) is **10** digits

b) Detail of numbering scheme:

<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>		
391 (NDC)	7	7	Public Switch Telephone Number (PSTN)	Digicel
392 (NDC)	7	7	GSM Mobile Post-paid	Digicel
393 (NDC)	7	7	GSM Mobile Pre-paid	Digicel
394 (NDC)	7	7	GSM Mobile Reserved	Digicel
395 (NDC)	7	7	GSM Mobile Post-paid	Digicel
396 (NDC)	7	7	GSM Mobile Post-paid	Digicel
491 (NDC)	7	7	PSTN	FLOW
492 (NDC)	7	7	Post-Paid Cellular	FLOW
493 (NDC)	7	7	Pre-paid Cellular	FLOW
494 (NDC)	7	7	Pre-paid Cellular Reserved	FLOW
495 (NDC)	7	7	GSM Mobile Post-paid	FLOW
496 (NDC)	7	7	GSM Mobile Post-paid	FLOW
410	7	7	Audio-Text	FLOW
411	3	3	Directory Services	FLOW
412	7	7	Audio-Text	FLOW
413	7	7	Audio-Text	FLOW
414 (NDC)	7	7	PSTN Expansion	FLOW
415 (NDC)	7	7	PSTN Expansion	FLOW
349 (NDC)	7	7	Fixed Cellular	FLOW
492-0000,492-7999	7	7	Audio-text (USA)	FLOW
492-3000; 492-0999	7	7	Audio-Text (USA)	FLOW
114	3	3	Internal Dispatch	FLOW
999	3	3	Emergency	Police
911	3	3	Emergency	Fire
311	3	3	To be confirmed	FLOW
211	3	3	Customer Care Services	
1-899-804-2994	10	10	Contact Centre	

international dialling format: +1 664 NXX XXXX

Description of important numbers related to emergency services and other services of social value:

<i>Important number</i>	<i>Service</i>	<i>Allocated or assigned</i>	<i>E.164 number or national-only number</i>	<i>Note</i>
911	Emergency	Assigned	National-only number	Fire
999	Emergency	Assigned	ditto	Police
211	Customer Care	Assigned	Ditto	

Contact:

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Morocco (country code +212)

Communication of 19.XI.2021:

The *Agence Nationale de Réglementation des Télécommunications (ANRT)*, Rabat, announces the following updates to the national telephone-numbering plan of Morocco.

- Description of introduction of new resource for national E.164 numbering plan for country code +212:

<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>		
776	9	9	Mobile services 2G/3G/4G	Médi Telecom ¹
778	9	9	Mobile services 2G/3G/4G	Médi Telecom
779	9	9	Mobile services 2G/3G/4G	Médi Telecom

¹: ORANGE

Contact:

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Seychelles (country code +248)

Communication of 18.XI.2021:

The Office of the President, Department of Information Communications Technology, Victoria, announces the following updated National Numbering Plan (NNP) for Seychelles:

Summary of the National Numbering Plan

Leading Digit	Services
0	International dialling prefix code International operator selection International ISDN access code
1	Short Dialling Codes (To access customer oriented telecommunication services e.g. customer support and directory services)
2	Mobile Services (Including Fixed Cellular Services)
3	Reserved for future services
4	Fixed Services
5	Reserved for future Services
6	Fixed VoIP ¹ Services
7	Reserved for future Services
8	Freephone Services and possible future Services
9	Premium Rate Services (Short Codes for VAS ² SMS ³ /MMS ⁴ and Audiotext Services) Emergency Services (Note: The rest of the "99" range is reserved to protect the integrity of "999".)

Status	Description
Unallocated	Not allocated to any Operator / Service provider
Reserved	Reserved for future services
Indicating Operator (e.g. KOKONET)	Allocated to an Operator / Service provider
ALL	Allocated to all Operators / Service provider

Digit Length
The digit lengths of numbers used for the services are defined in the appropriate columns in the National Numbering Plan. Seychelles utilizes a 7 digit numbering scheme and unless specifically defined otherwise in the appropriate columns, numbers for mobile, fixed, fixed cellular, fixed VoIP and freephone services shall be 7 digits long.

¹ VoIP Voice Over Internet Protocol

² VAS Value Added Service

³ SMS Short Message Service

⁴ MMS Multimedia Messaging Service

International Codes Assigned by the International Telecommunication Union (ITU) to Seychelles

International Codes	Type of Services	Remarks
6-066	International Signalling Area – SANC	For assignment of International Signalling Point Codes (ISPC)
6-067		
6-155		
633	Data Country Code – DCC	For assignment of Data Network Identification Code (DNIC)
633	Mobile Country Code – MCC	For assignment of Land Mobile Station identities such as the International Mobile Station Identity (IMSI for international roaming)
664	Maritime Identification Digits – MID	For assignment of ship station identities such as INMARSAT Mobile Service Identity (MMSI)
965	Telex Destination Code	For call routing purpose in the provision of international automatic telex service
248	Country Code	For international call routing to Seychelles
89248XX	Issuer Identifier Number – IIN	For assignment of IIN for international telecommunications charge cards issuers
SC	Country Code	For Public Message Handling Services

Number Assignment for Leading Digit 0

Leading Digits	Digit Length	Type of Services	Status	Category
00	2	International Outgoing Code	ALL	3
01	2	Access Code to International Gateway	CWS*	2
010	3	ISDN International access code	ALL	3
02	2	Access Code to International Gateway	AIRTEL	2
0(3-9)	2	Reserved for future expansion	Reserved	–

Category 1 Codes which are universally accessible and universally allocated to all operators.

Category 2 Codes which are universally accessible and allocated to a single operator.

Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

* Refer to Appendix A1 for the full name of all operators

Number Assignment for Leading Digit 1

Leading Digits	Digit Length	Type of Services	Status	Category
100	3	National Operator Assistance/Prepaid IVR ⁵ / Administrative Menu for Customer Services	ALL	3
101	3	Voice Mail	ALL	3
102	3	Voice Mail	CWS	2
103	3	Voice Mail	ALL	3
104		Reserved	Unallocated	
105		Reserved	Unallocated	
106	3	PSTN Prepaid Calling Card (Outer Islands)	ALL	3
107	3	International Prepaid Calling Card	ALL	3
108	3	PSTN Prepaid Calling Card (Inner Islands)	ALL	3
109	3	Mobile Prepaid Services	ALL	3
110	3	Mobile Prepaid Services	ALL	3
111	3	Fire & Rescue Services	ALL	1

⁵ IVR Interactive Voice Response

Leading Digits	Digit Length	Type of Services	Status	Category
112	3	Emergency code for all mobile services	ALL	1
113		Reserved	Unallocated	
114	3	Trafficking in Persons Hotline	ALL	1
115		Reserved	Unallocated	
116	3	Child Helpline	ALL	1
117	3	PSTN Prepaid Services	ALL	3
11(8-9)		Reserved	Unallocated	
120	3	Faults Report (Corporate customers)	CWS	2
121	3	Faults report	CWS	2
122		Reserved	Unallocated	
123	3	Customer helpline	CWS	2
12(4-9)		Reserved	Unallocated	
13(0-2)		Reserved	Unallocated	
133	3	Police	ALL	1
13(4-9)		Reserved	Unallocated	
140		Reserved	Unallocated	
141	3	Medical Information Services	ALL	1
14(2-9)		Reserved	Unallocated	
150		Reserved	Unallocated	
151	3	Medical Emergency Services	ALL	1
15(2-9)		Reserved	Unallocated	
160	3	Department of Risk and Disaster Management	ALL	1
16(1-9)	3	Testing	ALL	3
170		Reserved	Unallocated	
171	3	Maintenance Control	ALL	3
17(2-9)		Reserved	Unallocated	
180		Reserved	Unallocated	
181	3	Directory Enquiries	CWS	2
18(2-4)		Reserved	Unallocated	
185	3	Directory Enquiries	AIRTEL	2
18(6-7)		Reserved	Unallocated	
188	3	Directory Enquiries	INTELVISION	2
189		Reserved	Unallocated	
19(0-9)		Reserved	Unallocated	

- Category 1 Codes which are universally accessible and universally allocated to all operators.
Category 2 Codes which are universally accessible and allocated to a single operator.
Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

Number Assignment for Leading Digit 2

Leading Digits	Digit Length	Type of Services	Status
2(0)	7	Mobile Services	Unallocated
21(0-9)		Mobile Services	INTELVISION
22(0-9)		Mobile Services	INTELVISION
2(3-4)		Mobile Services	Unallocated
25(0-4)		Mobile Services	CWS
255(0-5)*		Fixed Cellular	CWS
255(6-9)		Mobile Services	CWS
25(6-9)		Mobile Services	CWS
26(0-9)		Mobile Services	CWS
27(0-7)		Mobile Services	AIRTEL
278(0-1)*		Fixed Cellular	AIRTEL
2782		Mobile Services	AIRTEL
2783*		Fixed Cellular	AIRTEL
278(4-9)		Mobile Services	AIRTEL
279(0-9)		Mobile Services	AIRTEL
28(0-9)		Mobile Services	AIRTEL
29(0-9)		Mobile Services	Unallocated

* Note that fixed cellular services are tariffed as fixed line services.

Number Assignment for Leading Digit 3

Leading Digits	Digit Length	Type of Services	Status
3(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 4

Leading Digits	Digit Length	Type of Services	Status
4(0-1)	7	Fixed Services	Unallocated
42(0-9)*		Fixed Services	CWS
43(0-9)		Fixed Services	CWS
44(0-9)		Fixed Services	INTELVISION
45(0-9)		Fixed Services	Unallocated
46(0-9)		Fixed Services	AIRTEL
4(7-9)		Fixed Services	Unallocated

* Note that numbers with the leading digits **4229** are being used to access the Outer Islands and have a different tariff from that of fixed line services offered on the Inner Islands (principle group) of Seychelles.

Number Assignment for Leading Digit 5

Leading Digits	Digit Length	Type of Services	Status
5(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 6

Leading Digits	Digit Length	Type of Services	Status
6(0-3)	7	Fixed VoIP	Unallocated
64(0-9)		Fixed VoIP	KOKONET
6(5-9)		Fixed VoIP	Unallocated

Number Assignment for Leading Digit 7

Leading Digits	Digit Length	Type of Services	Status
7(0-9)		Reserved	Unallocated

Number Assignment for Leading Digit 8

Leading Digits	Digit Length	Type of Services	Status
800(0)	7	Freephone Services	AIRTEL
800(1-7)		Freephone Services	Unallocated
800(8)		Freephone Services	CWS
800(9)		Freephone Services	Unallocated
80(1-9)		Reserved	Unallocated
8(1-9)		Reserved	Unallocated

Number Assignment for Leading Digit 9

Leading Digits	Digit Length	Type of Services	Status
9(0-4)		Reserved	Unallocated
95(0-9)	7	International Audiotext Services	CWS
96(0-9)	4	Short Codes for VAS SMS/MMS Services	See A.2
970		Reserved	Unallocated
971	7	Audiotext Services	CWS
97(2-9)		Reserved	Unallocated
98(0-9)		Reserved	Unallocated
99(0-8)		Reserved	Unallocated
999	3	Emergency Services	ALL

Data Network Identification Codes (DNIC) Assignments

DNIC Assignment	Service	Status
6330	–	Unallocated
6331	Packet Switched Network (INFOLINK)	CWS
6332	–	Unallocated
6333	–	Unallocated
6334	–	Unallocated
6335	–	Unallocated
6336	–	Unallocated
6337	–	Unallocated
6338	–	Unallocated
6339	–	Unallocated

International Signalling Point Code (ISPC) Assignments

ISPC Assignment	Node/Exchange	Status
6-066-0	E10S1	CWS
6-066-1	Seychelles MSC	CWS
6-066-2	Media Gateway (MGW)	CWS
6-066-3		Unallocated
6-066-4	INTV-MAHE-01	INTELVISION
6-066-5	MEDIA GATEWAY-AIRTEL	AIRTEL
6-066-6	TLS	AIRTEL
6-066-7	MSC	AIRTEL
6-067-0	KOKONET-0	KOKONET
6-067-1		Unallocated
6-067-2	HSS Node	AIRTEL
6-067-3	MSC-SC 01	AIRTEL
6-067-4	HLR1	INTELVISION
6-067-5	HLR2	INTELVISION
6-067-6	MSC1	INTELVISION
6-067-7	MSC2	INTELVISION
6-155-0		Unallocated
6-155-1		Unallocated
6-155-2		Unallocated
6-155-3		Unallocated
6-155-4		Unallocated
6-155-5		Unallocated
6-155-6		Unallocated
6-155-7		Unallocated

Issuer Identification Number (IIN) Assignments

IIN Assignment	Company Name
89 248 01	CWS
89 248 10	AIRTEL
89 248 05	INTELVISION

Mobile Country Code (MCC) and Mobile Network Code (MNC) Assignments

MCC – MNC Assignment	Mobile Network	Mobile Operator
633-01	2G/3G/4G/5G	CWS
633-05	2G/4G/5G	INTELVISION
633-10	2G/3G/4G	AIRTEL

A.1 Full Name of Operators

Operators:

CWS	Cable and Wireless (Seychelles) Ltd
AIRTEL	Airtel (Seychelles) Ltd
INTELVISION	Intelvision Ltd
KOKONET	Kokonet Ltd

A.2 Short Codes for VAS SMS/MMS Services

Leading Digits	Digit Length	Type of Services	Status	Category
960	4	Cross-Network Services (See A.3)	See A.3	1 or 2
96(1-2)		Network Specific Services	ALL	3
963		Cross-Network Services	Reserved	N/A
96(4-5)		Network Specific Services	ALL	3
966		Cross-Network Services	Reserved	N/A
96(7-9)		Network Specific Services	ALL	3

- Category 1 Codes which are universally accessible and universally allocated to all operators.
 Category 2 Codes which are universally accessible and allocated to a single operator.
 Category 3 Codes which in general will not be passed across networks and are universally allocated to all operators.

A.3 Short Codes for Cross-Network VAS SMS/MMS Services

Code	Type of Services	Status	Category
9600	Electoral Commissioner's Office (ECO) Voting Registration Information Service	All	1
9601	Seychelles Licensing Authority's (SLA) Licensing Information Service	All	1
9602	Unallocated		
9603	Unallocated		
9604	Unallocated		
9605	Unallocated		
9606	Seychelles Pension Fund (SPF) Eservice	All	1
9607	Unallocated		
9608	Unallocated		
9609	Unallocated		

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Other communications

Austria

Communication of 12.XI.2021:

On the occasion of the "YOTA Month 2021" of the IARU-R1, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE0YOTA** from 1 to 31 December 2021.

Communication of 17.XI.2021:

On the occasion of the 50th anniversary of the "Austrian DX Board (ADXB)", the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE50ADXB** from 1 to 31 December 2021.

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)
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)
Ukraine	1148 (p.5)

Call-Back and alternative calling procedures (Res. 21 Rev. PP-06)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	PAR	Paragraph
COL	Column	REP	Replace
LIR	Read	SUP	Delete
P	Page(s)		

List of Issuer Identifier Numbers for the International Telecommunication Charge Card (in accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)
(Amendment No. 60)

Colombia 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>
Colombia	LIWA S.A.S. E.S.P. Calle 127 B # 49-48 BOGOTÁ D.C.	89 57 700	Nancy Johanna Cañon Calle 127 B Bis # 49-48 BOGOTÁ D.C. Tel.: +57 601 4864710 E-mail: nancy.canon@cellvoz.com.co	1.II.2022

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. 126)

<i>Country or area/ISO code</i>	<i>Company Code</i>	<i>Contact</i>
<i>Company Name/Address</i>	<i>(carrier code)</i>	
Germany (Federal Republic of) / DEU	ADD	
Stadtwerke Lünen GmbH Borker Strasse 56-58 D-44534 LUENEN	SWL24	Mr Colja Krause Tel.: +49 2306 707 391 Fax: +49 2306 707 161 Email: c.krause@swl24.de
Vitroconnect GmbH Bulk Account Huelsbrockstrasse 23 D-33334 GUETERSLOH	FLVTRC	Dr Steffen Mueller Tel.: +49 5241 30893 19 Fax: +49 5241 9975 205 Email: steffen.mueller@vitroconnect.de

List of International Signalling Point Codes (ISPC)
(According to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 July 2020)

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)
(Amendment No. 26)

<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>	
Burkina Faso	ADD	
6-026-7	12503	Complexe technique Moov-Africa de ZAD, OUAGADOUGOU
		ONATEL S.A.

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.XI.2021, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Georgia	+995
Malta	+356
Morocco	+212
Vanuatu	+678