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1198	15.VI.2020	1.VI.2020
1199	1.VII.2020	15.VI.2020
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1209	1.XII.2020	16.XI.2020
1210	15.XII.2020	1.XII.2020
1211	1.I.2021	11.XII.2020

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.

- 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)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 October 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-78, 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.654 (03/2020): Characteristics of a cut-off shifted single-mode optical fibre and cable
- ITU-T G.709.4 (03/2020): OTU 25 and OTU 50G short reach interfaces
- ITU-T G.873.1 (2017) Cor. 1 (03/2020)
- ITU-T G.984.3 (2014) Amd. 1 (03/2020)
- ITU-T G.987.1 (2016) Cor. 1 (03/2020)
- ITU-T G.987.3 (2014) Amd. 1 (03/2020)
- ITU-T G.988 (2017) Amd. 3 (03/2020)
- ITU-T G.989.3 (2015) Amd. 3 (03/2020)
- ITU-T G.993.5 (2019) Cor. 1 (03/2020)
- ITU-T G.994.1 (2018) Amd. 1 (03/2020)
- ITU-T G.997.2 (2019) Cor. 1 (03/2020)
- ITU-T G.8032/Y.1344 (03/2020): Ethernet ring protection switching
- ITU-T G.8260 (03/2020): Definitions and terminology for synchronization in packet networks
- ITU-T G.8261/Y.1361 (2019) Amd. 1 (03/2020)
- ITU-T G.8262/Y.1362 (2018) Amd. 1 (03/2020)
- ITU-T G.8271/Y.1366 (03/2020): Time and phase synchronization aspects of telecommunication networks
- ITU-T G.8271.1/Y.1366.1 (03/2020): Network limits for time synchronization in packet networks
- ITU-T G.8272/Y.1367 (2018) Amd. 1 (03/2020)
- ITU-T G.8273/Y.1368 (2018) Amd. 1 (03/2020)
- ITU-T G.8273.2/Y.1368.2 (2018) Amd. 1 (03/2020)
- ITU-T G.8273.4/Y.1368.4 (03/2020): Timing characteristics of telecom boundary clocks and telecom time slave clocks for use with partial timing support from the network
- ITU-T G.8275.1/Y.1369.1 (03/2020): Precision time protocol telecom profile for phase/time synchronization with full timing support from the network
- ITU-T G.8275.2/Y.1369.2 (03/2020): Precision time protocol telecom profile for time/phase synchronization with partial timing support from the network
- ITU-T G.9807.1 (2017) Cor. 1 (03/2020)
- ITU-T G.9961 (2018) Cor. 2 (03/2020)
- ITU-T G.9962 (2018) Cor. 1 (03/2020)

Telephone Service (Recommendation ITU-T E.164)

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

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

Communication of 18.III.2020:

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)

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
41	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers- East Azarbayjan)
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-Kurdestan)
901	10	10	Mobile services	
902	10	10	Mobile services	
903	10	10	Mobile services	
9044	10	10	Mobile services	
905	10	10	Mobile services	
91	10	10	Mobile services	
920	10	10	Mobile services	
921	10	10	Mobile services	
922	10	10	Mobile services	
93	10	10	Mobile services	
942121	5	10	Fixed Phone	Non geographical
94220	5	10	Fixed Phone	Non geographical
94260	5	10	Fixed Phone	Non geographical
94280	5	10	Fixed Phone	Non geographical
94290	5	10	Fixed Phone	Non geographical
9430000	5	10	Fixed Phone	Non geographical
94301	5	10	Fixed Phone	Non geographical
94302	5	10	Fixed Phone	Non geographical
940000	10	10	Fixed Phone (fibber)	Non geographical

NDC	NSN Number length		Usage of E.164 number	Additional Information
	Minimum	Maximum		
940009	10	10	Fixed Phone (fiber)	Non geographical
944111	5	10	Fixed Phone (Fixed wireless Access)	Just Originating from Iran
94440	5	10	Fixed Phone (Fixed wireless Access)	Just Originating from Iran
96	5	6	Services Codes	
990	10	10	Mobile services	
991	10	10	Mobile services	
992	10	10	Mobile services	
993	10	10	Satellite 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	
99888	10	10	Mobile services	
99900	10	10	Mobile services	
99901	10	10	Mobile services	
99903	10	10	Mobile services	
99910	10	10	Mobile services	
99911	10	10	Mobile services	
99913	10	10	Mobile services	
99914	10	10	Mobile services	
99921	10	10	Mobile services	
99977	10	10	Mobile services	
99988	10	10	Mobile services	NEW
99990	10	10	Mobile services	NEW
99991	10	10	Mobile services	NEW
99992	10	10	Mobile services	NEW
99993	10	10	Mobile services	NEW
99994	10	10	Mobile services	NEW
99995	10	10	Mobile services	NEW
99996	10	10	Mobile services	
99997	10	10	Mobile services	
99998	10	10	Mobile services	
99999	10	10	Mobile services	

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Mongolia (country code +976)

Communication of 30.III.2020:

The *Communications Regulatory Commission of Mongolia*, Ulaanbaatar, announces the following update to the National Numbering Plan of Mongolia:

- Description of deletion of resource for national E.164 numbering plan for country code +976:

<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 ITU-T E.164 number</i>	<i>Time and date of deletion</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
77000000 - 77999999	8	8	VoIP Service Operator: UNIVISION - Mongolia	25.III.2020

- Description of introduction of new resource for national E.164 numbering plan for country code +976:

<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 ITU-T E.164 number</i>	<i>Time and date of introduction</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
77000000 - 77999999	8	8	Fixed and VoIP Telephone Service Operator: UNIVISION - Mongolia	26.III.2020
75330000 - 75339999	8	8	Fixed and VoIP Telephone Service Operator: MOBINET - Mongolia	27.IX.2019

Contact:

Communications Regulatory Commission of Mongolia
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URL: www.crc.gov.mn

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. 24)

Spain **SUP**

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of cancellation</i>
Spain	Ruzorange SL Avda Juan Carlos I - JC1 55 planta 16 30100 MURCIA	89 34 09	Sr. José Luis Garay Vicente Avda Juan Carlos I - JC1 55 planta 16 30100 MURCIA Tel: +34 652 005 881 Fax: +34 968 644 211	5.III.2019

**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)**

(Annex to ITU Operational Bulletin No. 1162 - 15.XII.2018)
(Amendment No. 30)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Seychelles ADD		
	633 05	Intelvision Ltd
Sweden LIR		
	240 39	Primlight AB

* *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. 95)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	ADD	
byon gmbh Solmsstrasse 71 D-60486 FRANKFURT	BYON	Mr Markus Michael Tel.: +49 69 710 486 700 Fax: +49 69 710 486 900 Email: markus.michael@byon.de
MIKO-NET GmbH Allermöher Deich 451 D-21037 HAMBURG	MIKO	Mr. Matthias Niess Tel.: +49 40 4011 36042 Email: niess@miko-net.com
Telematica Internet Service Provider GmbH Muenzgrabenstrasse 84b/5 A-8010 GRAZ Austria	TELEMA	Mr Matthias Hohl Tel.: +43 5056400 30 Fax: +43 5056400 100 Email: ordermanagement@telematica.at

**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. 72)

*Country/
Geographical Area*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
Australia ADD			
5-123-0	11224	CONCERSYD	Concerotel Pty Ltd
Morocco SUP			
6-008-4	12356	Casa MSC	Medi Telecom
6-008-5	12357	Rabat MSC	Medi Telecom
6-009-2	12362	...	Medi Telecom
6-009-3	12363	...	Medi Telecom
6-009-4	12364	...	Medi Telecom
Morocco ADD			
6-008-6	12358	STP CASA	Wana Corporate (Inwi)
6-008-7	12359	STP Rabat	Wana Corporate (Inwi)
6-150-0	13488	MSC Rabat	Médi Telecom (Orange (Maroc))
6-150-1	13489	MSC Casa	Médi Telecom (Orange (Maroc))
6-150-2	13490	V-STP CASA	Wana Corporate (Inwi)
6-150-3	13491	V-STP RABAT	Wana Corporate (Inwi)
Morocco LIR			
6-008-0	12352	STP1 Rabat	Itassalat Al-Maghrib (Maroc Telecom)
6-008-1	12353	Casa TSS	Itassalat Al-Maghrib (Maroc Telecom)
6-008-2	12354	Rabat TSS	Itassalat Al-Maghrib (Maroc Telecom)
6-008-3	12355	STP3 Casablanca	Itassalat Al-Maghrib (Maroc Telecom)
6-009-0	12360	Casa CTI	Itassalat Al-Maghrib (Maroc Telecom)
6-009-1	12361	Rabat CTI	Itassalat Al-Maghrib (Maroc Telecom)
Palau ADD			
5-110-5	11125	PMCI STP01	Palau Mobile Communications Inc. (PMCI)
5-110-6	11126	PMCI STP02	Palau Mobile Communications Inc. (PMCI)
Sweden LIR			
2-193-6	5646	mg1.int.upp	Primlight AB
3-229-7	7983	mg2.int.upp	Primlight AB
Switzerland SUP			
2-053-3	4523	Cham	Zirkumflex AG

ISPC: International Signalling Point Codes.
Codes de points sémaphores internationaux (CPSI).
Códigos de puntos de señalización internacional (CPSI).

National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))

Web: www.itu.int/itu-t/inr/nnp/index.html

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.2020, 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
Sierra Leone	+232
Thailand	+66