

# ITU Operational Bulletin

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<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1207	1.XI.2020	15.X.2020
1208	15.XI.2020	30.X.2020
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.

- 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) | <a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>             |
| Bureaufax Table (ITU-T Rec. F.170)            | <a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a> |
| List of recognized operating agencies (ROAs)  | <a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>             |

## Approval of ITU-T Recommendations

By AAP-90, 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 L.1023 (09/2020): Assessment method for Circular Scoring
- ITU-T L.1310 (09/2020): Energy efficiency metrics and measurement methods for telecommunication equipment
- ITU-T L.1331 (09/2020): Assessment of mobile network energy efficiency
- ITU-T Q.3058 (09/2020): Signalling architecture of orchestration in NGNe
- ITU-T Q.3059 (09/2020): Signalling requirements for service function discovery
- ITU-T Q.3645 (09/2020): Protocol at interface between two distributed ENUM servers for IMS
- ITU-T Q.3720 (09/2020): Procedures for vBNG acceleration with programmable acceleration card
- ITU-T Q.3915 (09/2020): Set of parameters of vBNG for monitoring
- ITU-T Q.3961 (09/2020): Parameters for evaluating bottleneck of web-browsing service
- ITU-T Q.4062 (09/2020): Framework for IoT Testing
- ITU-T Q.4063 (09/2020): The framework of testing of identification systems used in IoT
- ITU-T Q.4064 (09/2020): Interoperability testing requirements of virtual Broadband Network Gateway
- ITU-T Q.4066 (09/2020): Testing procedures of Augmented Reality applications
- ITU-T Q.4100 (09/2020): Hybrid peer-to-peer (P2P) communications: Functional architecture
- ITU-T Q.5052 (09/2020): Addressing mobile devices with duplicate unique identifier
- ITU-T T.701.11 (09/2020): Guidance on audio descriptions (twin text of ISO/IEC TS 20071-11:2019, Information technology - Guidance on alternative text for images - Part 11)
- ITU-T X.609.9 (09/2020): Managed P2P communications: Overlay content management protocol
- ITU-T X.609.10 (09/2020): Managed P2P communications: Signalling requirements for data streaming
- ITU-T Y.2245 (09/2020): Service model of the Agriculture Information based Convergence Service
- ITU-T Y.3055 (09/2020): Framework for Trust based Personal Data Management
- ITU-T Y.3075 (09/2020): Requirements and capabilities of Information Centric Networking routing and forwarding based on control and user plane separation in IMT-2020
- ITU-T Y.3076 (09/2020): Architecture of ICN-enabled Edge Network in IMT-2020
- ITU-T Y.3134 (09/2020): IMT-2020 fixed mobile convergence functional requirements for management and orchestration
- ITU-T Y.3136 (09/2020): Session management for fixed mobile convergence in IMT-2020 networks
- ITU-T Y.3150 (09/2020): High-level technical characteristics of network softwarization for IMT-2020
- ITU-T Y.3155 (09/2020): Enhanced SDN Data Plane for IMT-2020
- ITU-T Y.3156 (09/2020): Framework of network slicing with AI-assisted analysis in IMT-2020 networks
- ITU-T Y.3176 (09/2020): Machine learning marketplace integration in future networks including IMT-2020
- ITU-T Y.3530 (09/2020): Cloud computing - Functional requirements for blockchain as a service
- ITU-T Y.3531 (09/2020): Cloud computing - Functional requirements for machine learning as a service
- ITU-T Y.3605 (09/2020): Big data - Reference architecture

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

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

### Congo (country code +242)

Communication of 24.IX.2020:

The *Agence de Régulation des Postes et des Communications Electroniques (ARPCE)*, Brazzaville, announces the assignment of the following new number series in the national numbering plan of the Republic of the Congo.

<i>Operator</i>	<i>Number series (9 digits)</i>	<i>Types of technologies</i>	<i>Date of introduction</i>
<b>CONGO TELECOM</b>	+242 <b>02.400.00.00 – 02.409.99.99</b>	Mobile telephony	5.VIII.2020
	+242 <b>02.550.00.00 – 02.589.99.99</b>		
	+242 <b>02.666.00.00 – 02 699.99.99</b>		
	+242 <b>02.600.00.00 – 02.615.99.99</b>		

X= 0 to 9

International dialling format: +242 XXX XX XX XX

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

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

Contact:

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URL: [www.arpce.cg](http://www.arpce.cg)

## Senegal (country code +221)

Communication of 1.X.2020:

The *Autorité de Régulation des Télécommunications et des Postes (ARTP)*, Dakar, announces the following update of the national numbering plan (NNP) for telephony in Senegal.

*Description of introduction of new resource for national numbering plan for country code 221:*

National destination code (NDC) or leading digits of national (significant) number (N(S)N)	N(S)N number length		Usage of ITU-T E.164 number	Time and date of introduction
	Maximum length	Minimum length		
754	9	9	Non-geographic number – Mobile telephone service for the mobile virtual network operator (MVNO) SIRIUS TELECOMS AFRIQUE (PROMOBILE)	09 January 2019
755	9	9	Non-geographic number – Mobile telephone service for the mobile virtual network operator (MVNO) SIRIUS TELECOMS AFRIQUE (PROMOBILE)	09 January 2019
756	9	9	Non-geographic number – Mobile telephone service for the mobile virtual network operator (MVNO) SIRIUS TELECOMS AFRIQUE (PROMOBILE)	09 January 2019
757	9	9	Non-geographic number – Mobile telephone service for the mobile virtual network operator (MVNO) ORIGINES SA	28 June 2019

*Presentation of national numbering plan for country code 221:*

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) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): n/a

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any):n/a

d) Detail of numbering plan:

<i>National destination code (NDC) or leading digits of national (significant) number (N(S)N)</i>	<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
30	9	9	Non-geographic number – Fixed telephony service	Operator Expresso Sénégal
32	9	9	Non-geographic number – Fixed telephony service	Operator FREE Sénégal
338	9	9	Geographic number – Fixed telephony service	Operator SONATEL (Orange), Région de Dakar
339	9	9	Geographic number – Fixed telephony service	Operator SONATEL (Orange), autres régions
3611	9	9	Non-geographic number – Fixed telephony service	Operator CSU SA (HAYO)
390	9	9	Non-geographic number – Fixed telephony service	ADIE
391	9	9	Non-geographic number – Fixed telephony service	ADIE
70	9	9	Non-geographic number – Mobile telephone service	Operator Expresso Sénégal
7211	9	9	Non-geographic number – Mobile telephone service	Operator CSU SA (HAYO)
754	9	9	Non-geographic number – Mobile telephone service	MVNO PROMOBILE
755	9	9	Non-geographic number – Mobile telephone service	MVNO PROMOBILE
756	9	9	Non-geographic number – Mobile telephone service	MVNO PROMOBILE
757	9	9	Non-geographic number – Mobile telephone service	MVNO ORIGINES SA
76	9	9	Non-geographic number – Mobile telephone service	Operator FREE Sénégal
77	9	9	Non-geographic number – Mobile telephone service	Operator SONATEL (Orange)

<i>National destination code (NDC) or leading digits of national (significant) number (N(S)N)</i>	<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
78	9	9	Non-geographic number – Mobile telephone service	Operator SONATEL (Orange)
790	9	9	Non-geographic number – Mobile telephone service	ADIE

Contact:

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## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://www.itu.int/pub/T-SP-SR.1-2012)

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Malaysia	1013 (p.5)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)
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/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

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

## List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) Edition of 2020

### Section VI

**SUP**

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

(Annex to ITU Operational Bulletin No. 1161 – 1.XII.2018)  
(Amendment No. 35)

**France 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>
France	<b>Lycamobile SARL</b> 107 Boulevard Pereire 75017 PARIS	<b>89 33 13</b>	Lycamobile SARL Legal 107 Boulevard Pereire 75017 PARIS E-mail: <a href="mailto:legal@lycamobile.com">legal@lycamobile.com</a>	12.VIII.2020
France	<b>Vectone Mobile SAS</b> 58 Avenue de Wagram 75017 PARIS	<b>89 33 31</b>	Channa Kurera Vectone Mobile, 54 Marsh Wall LONDON, E14 9TP (United Kingdom) Tel : +44 7939 560057 E-mail: <a href="mailto:legal@vectone.com">legal@vectone.com</a>	24.VI.2020

**Guadeloupe      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>
Guadeloupe	<b>Dauphin Telecom</b> 12 Rue de la République Marigot, 97150 SAINT MARTIN	<b>89 590 08</b>	Directrice Générale Dauphin Telecom 12 Rue de la République Marigot, 97150 SAINT MARTIN E-mail: info@dauphintelecom.com	6.VII.2020

**Switzerland      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>
Switzerland	<b>Vectone Mobile Limited</b> 54 Marsh Wall E14 9TP LONDON (United Kingdom)	<b>89 41 28</b>	Alkesh Dave 54 Marsh Wall E14 9TP LONDON (United Kingdom) Tel: +44 7451491230 E-mail: legal@vectone.com	6.VIII.2020

**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. 41)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Estonia ADD</b>		
	248 19	OkTelecom OÜ
<b>Mexico ADD</b>		
	334 100	TELECOMUNICACIONES DE MÉXICO
	334 110	MAXCOM TELECOMUNICACIONES, S.A.B. DE C.V.
	334 120	QUICKLY PHONE, S.A. DE C.V.
	334 130	AXTEL, S.A.B. DE C.V.
	334 140	ALTÁN REDES, S.A.P.I. DE C.V.
	334 150	ULTRAVISIÓN, S.A. DE C.V.
	334 160	CABLEVISIÓN RED, S.A. DE C.V.
	334 170	OXIO MOBILE, S.A. DE C.V.
<b>Mexico LIR</b>		
	334 010	AT&T COMUNICACIONES DIGITALES, S. DE R.L. DE C.V.
	334 030	PEGASO PCS, S.A. DE C.V.
	334 040	AT&T NORTE, S. DE R.L. DE C.V. Y AT&T DESARROLLO EN COMUNICACIONES DE MÉXICO, S. DE R.L. DE C.V.
	334 050	GRUPO AT&T CELULLAR, S. DE R.L. DE C.V.
	334 070	AT&T COMERCIALIZACIÓN MÓVIL, S. DE R.L. DE C.V.
	334 080	AT&T COMERCIALIZACIÓN MÓVIL, S. DE R.L. DE C.V.
	334 090	AT&T COMUNICACIONES DIGITALES, S. DE R.L. DE C.V.

\* 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. 103)

<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>		
EnBW Energie Baden-Württemberg AG Durlacher Allee 93 D-76131 KARLSRUHE	<b>ENBW97</b>	Mrs Kristina Nielsen Tel: +49 711 28981741 Email: k.nielsen@enbw.com
Stadtwerke Neustadt a. Rbge. GmbH An der Eisenbahn 18 D-31535 Neustadt a. Rbge.	<b>SWNRUE</b>	Mr. Dieter Lindauer Tel.: +49 5032 897 400 Fax: +49 5032 897 459 Email: dieter.lindauer@stadtwerke- neustadt.de

## 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.IX.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>
Mauritius	+230