|  |
| --- |
| **ITU Operational Bulletinwww.itu.int/itu-t/bulletin** |
| No. **1263** | 1.III.2023 | (Information received by 14 February 2023) ISSN 1564-5223 (Online) |
| Place des Nations CH-1211 Genève 20 (Switzerland) Tel: +41 22 730 5111 **E-mail: itumail@itu.int** | **Standardization Bureau (TSB)Tel: +41 22 730 5211Fax: +41 22 730 5853E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR)Tel: +41 22 730 5560Fax: +41 22 730 5785E-mail:** **brmail@itu.int** |

# Table of Contents

*Page*

**GENERAL INFORMATION**

Lists annexed to the ITU Operational Bulletin: *Note from TSB* 3

Approval and deletion of ITU-T Recommendations 4

Note from TSB 5

International Identification Plan for Public Networks and Subscriptions (Recommendation ITU-T E.212
(09/2016)): *Note from TSB* 6

Telephone Service:

Bahrain (*Telecommunications Regulatory Authority (TRA)*, Manama) 7

Liberia *(Liberia Telecommunications Authority (LTA)*, Paynesville) 10

Oman (*Oman Telecommunications Regulatory Authority (TRA),* Ruwi) 11

Uzbekistan (*Telecommunication Management Center of the Republic of Uzbekistan*, Tashkent) 12

Testing Laboratories recognized by ITU 14

Other communication:

Austria 14

Service Restrictions 15

Call-Back and alternative calling procedures (Res. 21 Rev. PP-06) 15

**AMENDMENTS TO SERVICE PUBLICATIONS**

List of Issuer Identifier Numbers for the International Telecommunication Charge Card 16

Mobile Network Codes (MNC) for the international identification plan for public networks
and subscriptions 17

List of ITU Carrier Codes 18

List of International Signalling Point Codes (ISPC) 19

National Numbering Plan 19

| *Dates of publication of the nextOperational Bulletins* | *Including informationreceived by:* |
| --- | --- |
| 1264 | 15.III.2023 | 28.II. 2023 |
| 1265 | 1.IV.2023 | 15.III.2023 |
| 1266 | 15.IV.2023 | 31.III.2023 |
| 1267 | 1.V.2023 | 12.IV.2023 |
| 1268 | 15.V.2023 | 30.IV.2023 |
| 1269 | 1.VI.2023 | 12.V.2023 |
| 1270 | 15.VI.2023 | 1.VI.2023 |
| 1271 | 1.VII.2023 | 15.VI.2023 |
| 1272 | 15.VII.2023 | 30.VI.2023 |
| 1273 | 1.VIII.2023 | 14.VII.2023 |
| 1274 | 15.VIII.2023 | 28.VII.2023 |
| 1275 | 1.IX.2023 | 11.VIII.2023 |
| 1276 | 15.IX.2023 | 31.VIII.2023 |
| 1277 | 1.X.2023 | 15.IX.2023 |
| 1278 | 15.X.2023 | 29.IX.2023 |
| 1279 | 1.XI.2023 | 13.X.2023 |
| 1280 | 15.XI.2023 | 1.XI.2023 |
| 1281 | 1.XII.2023 | 15.XI.2023 |
| 1282 | 15.XII.2023 | 30.XI.2023 |
| 1283 | 1.I.2024 | 8.XII.2023 |

# 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.

1251 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 September 2022)

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)

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](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval and deletion of ITU-T Recommendations

By AAP-22, 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.8152.1/Y.1375.1 (2021) Amd. 1 (02/2023): Operation, administration, maintenance (OAM) management information and data models for the MPLS-TP network element - Amendment 1

– ITU-T Q.3647 (02/2023): Signalling requirements for emergency service in IMS roaming environment

– ITU-T Q.4070 (02/2023): Test suite for interoperability testing of virtualized broadband network gateway

– ITU-T Q.5004 (02/2023): Signalling architecture of Lite IMS for IMT-2020 network and beyond

– ITU-T Q.5005 (02/2023): Requirement, framework and protocols for signalling network analysis and optimization in IMT-2020

– ITU-T T.807 (V2) (02/2023): Information technology – JPEG 2000 image coding system: Secure JPEG 2000

– ITU-T T.816 (V1) (02/2023): Information technology - JPEG 2000 image coding system: Extensions for coding of discontinuous media

By TSB Circular 74 of 7 February 2023, it was announced that the following ITU-T Recommendations were deleted in accordance with the procedures outlined in Resolution 1:

– ITU T K.43 (07/2009): Immunity requirements for telecommunication network equipment

– ITU T K.48 (09/2006): EMC requirements for telecommunication equipment – Product family Recommendation

– ITU T K.88 (11/2011): EMC requirements for next generation network equipment

By TSB Circular 75 of 10 February 2023, it was announced that the following ITU-T Recommendations were approved in accordance with the procedures outlined in Resolution 1:

– ITU-T Y.4601 (02/2023): Requirements and capability framework of a digital twin for smart firefighting

– ITU-T Y.4500.3 (02/2023): oneM2M – Security solutions

**Note from TSB**

Global numbers used for the European eCall service

Following the agreement reached at the meeting of ITU-T Study Group 2, which is the leading study group on numbering, naming, addressing, identification and routing, at its meeting of 4 to 13 July 2018, it is noted that:

“Several number ranges under non geographic country codes are used for eCall, the pan European emergency system for vehicles. These numbers have been assigned by the ITU and they have been available for use in association with eCall service.

These numbers are used as calling party numbers when the device automatically calls the emergency number in the event of an accident. They generally use 15 digit formats. From 31 March 2018, all new type cars sold in Europe must have eCall capability.

In order for the eCall system to operate properly and for the emergency services (e.g. call centres and intervention teams) to dial back the phone numbers used by the eCall systems, it is crucial that the eCall ranges be opened in all networks and that the CLI (Calling Line Identification) for these calls is passed between operators in a correct and diallable format according to the relevant ITU recommendations.

Given the criticality of the service, we want to alert the assignees and all stakeholders on the need for these numbers to be opened and routed on public networks and in particular those in Europe.

The ECC recommendation (17)04 “Numbering for eCall” (<https://www.ecodocdb.dk/document/1019>) also provides more information on numbering options for eCall.”

The ITU has been notified of the following ranges as being used for eCall: 883 130, 882 39, 882 37 and 883 390. Other operators using global resources for eCall may also inform the ITU to request similar publications.

Contacts:

883 130 assigned to Orange: contact Philippe Fouquart,Orange, Philippe.fouquart@orange.com.

882 39 assigned to Vodafone Group: contact MacDougall Robert, Vodafone Group, Robert.MacDougall@vodafone.com.

882 37 assigned to AT&T: contact Mike Corkerry, AT&T, Mike.Corkerry@intl.att.com.

883 390 assigned to Airnity: contact Eduardo Mejia, Airnity, eduardo.mejia@airnity.com

International Identification Plan for Public Networks and Subscriptions
(Recommendation ITU-T E.212 (09/2016))

**Note from TSB**

*Identification codes for International Mobile Networks*

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network codes (MNC) have been **assigned**.

| Network | Mobile Country Code (MCC) and Mobile Network Code (MNC) | Date of assignment |
| --- | --- | --- |
| Satelio IoT Services S.L. | 901 97 | 3.II.2023 |

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

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

**Bahrain (country code +973)**

Communication of 8.II.2023:

The *Telecommunications Regulatory Authority (TRA),* Manama, announces the updated ITU-T E.164 National Numbering Plan for Bahrain.

*Presentation of national ITU-T E.164 numbering plan
for country code 973*

1. Overview:

 The minimum number length (excluding the country code) is **3** digits.

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

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

 <https://www.tra.org.bh/en/category/numbering>

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

 Not applicable

d) Detail of numbering plan:

| **NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)** | **N(S)N Number Length** | **Usage of E.164 number** | **Additional information** |
| --- | --- | --- | --- |
| **Maximum length** | **Minimum length** |
| 13131000 - 13131999 | 8 | 8 | Fixed | Bahrain Telecommunications Company |
| 17000000 - 17999999 | 8 | 8 | Fixed | Bahrain Telecommunications Company |
| 32000000 - 32099999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 32100000 - 32199999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 32200000 - 32299999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 32300000 - 32399999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 38000000 - 38499999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 38700000 - 38799999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 38800000 - 38899999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 38900000 - 38999999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 39000000 - 39999999 | 8 | 8 | Mobile | Bahrain Telecommunications Company |
| 64410000 - 64419999 | 8 | 8 | Universal numbers (mobile) | Bahrain Telecommunications Company |
| 66700000 - 66769999 | 8 | 8 | Universal numbers (mobile) | Bahrain Telecommunications Company |
| 66770000 - 66799999 | 8 | 8 | Universal numbers (Fixed) | Bahrain Telecommunications Company |
| 80000000 - 80009999 | 8 | 8 | Special services | Bahrain Telecommunications Company |
| 80040000 - 80040999 | 8 | 8 | Special services | Bahrain Telecommunications Company |
| 80112000 - 80112999 | 8 | 8 | Special services | Bahrain Telecommunications Company |
| 90000000 - 90009999 | 8 | 8 | Premium rate numbers | Bahrain Telecommunications Company |
| 13300000 - 13399999 | 8 | 8 | Fixed | Etisalcom Bahrain Company W.L.L |
| 80030000 - 80039999 | 8 | 8 | Special services | Etisalcom Bahrain Company W.L.L |
| 16500000 - 16520999 | 8 | 8 | Fixed | Infonas WLL |
| 16522000 - 16522999 | 8 | 8 | Fixed | Infonas WLL |
| 16528000 - 16528999 | 8 | 8 | Fixed | Infonas WLL |
| 16530000 - 16530999 | 8 | 8 | Fixed | Infonas WLL |
| 16533000 - 16533999 | 8 | 8 | Fixed | Infonas WLL |
| 16540000 - 16540999 | 8 | 8 | Fixed | Infonas WLL |
| 16544000 - 16544999 | 8 | 8 | Fixed | Infonas WLL |
| 16548000 - 16548999 | 8 | 8 | Fixed | Infonas WLL |
| 16550000 - 16551999 | 8 | 8 | Fixed | Infonas WLL |
| 16555000 - 16557999 | 8 | 8 | Fixed | Infonas WLL |
| 16560000 - 16560999 | 8 | 8 | Fixed | Infonas WLL |
| 16564000 - 16566999 | 8 | 8 | Fixed | Infonas WLL |
| 16568000 - 16568999 | 8 | 8 | Fixed | Infonas WLL |
| 16570000 - 16570999 | 8 | 8 | Fixed | Infonas WLL |
| 16576000 - 16577999 | 8 | 8 | Fixed | Infonas WLL |
| 16580000 - 16580999 | 8 | 8 | Fixed | Infonas WLL |
| 16588000 - 16588999 | 8 | 8 | Fixed | Infonas WLL |
| 16590000 - 16590999 | 8 | 8 | Fixed | Infonas WLL |
| 16599000 - 16599999 | 8 | 8 | Fixed | Infonas WLL |
| 80080000 - 80081999 | 8 | 8 | Special services | Infonas WLL |
| 80088000 - 80088999 | 8 | 8 | Special services | Infonas WLL |
| 16100000 - 16103999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16105000 - 16105999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16108000 - 16108999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16160000 - 16161999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16163000 - 16163999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16166000 - 16168999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16191000 - 16192999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16195000 - 16199999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16600000 - 16601999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16605000 - 16605999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16609000 - 16616999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16619000 - 16639999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16643000 - 16643999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16646000 - 16646999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16653000 - 16655999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16658000 - 16672999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16674000 - 16681999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16683000 - 16683999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16686000 - 16686999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16688000 - 16688999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16691000 - 16691999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 16699000 - 16699999 | 8 | 8 | Fixed | Kalaam Telecom Bahrain B.S.C Closed |
| 66000000 - 66004999 | 8 | 8 | Universal numbers (Fixed) | Kalaam Telecom Bahrain B.S.C Closed |
| 66006000 - 66007999 | 8 | 8 | Universal numbers (Fixed) | Kalaam Telecom Bahrain B.S.C Closed |
| 66886000 - 66886999 | 8 | 8 | Universal numbers (Fixed) | Kalaam Telecom Bahrain B.S.C Closed |
| 66888000 - 66888999 | 8 | 8 | Universal numbers (Fixed) | Kalaam Telecom Bahrain B.S.C Closed |
| 80010000 - 80014999 | 8 | 8 | Special services | Kalaam Telecom Bahrain B.S.C Closed |
| 80018000 - 80019999 | 8 | 8 | Special services | Kalaam Telecom Bahrain B.S.C Closed |
| 80060000 - 80069999 | 8 | 8 | Special services | Kalaam Telecom Bahrain B.S.C Closed |
| 16000000 - 16039999 | 8 | 8 | Fixed | Nuetel Communications S.P.C |
| 16060000 - 16079999 | 8 | 8 | Fixed | Nuetel Communications S.P.C |
| 80020000 - 80029999 | 8 | 8 | Special services | Nuetel Communications S.P.C |
| 90010000 - 90010999 | 8 | 8 | Premium rate numbers | Nuetel Communications S.P.C |
| 69660000 - 69669999 | 8 | 8 | Universal numbers (Fixed) | Rapid Telecommunications W.L.L |
| 69690000 - 69699999 | 8 | 8 | Universal numbers (Fixed) | Rapid Telecommunications W.L.L |
| 69960000 - 69969999 | 8 | 8 | Universal numbers (Fixed) | Rapid Telecommunications W.L.L |
| 69990000 - 69999999 | 8 | 8 | Universal numbers (Fixed) | Rapid Telecommunications W.L.L |
| 80888000 - 80888999 | 8 | 8 | Special services | Rapid Telecommunications W.L.L |
| 13100000 - 13109999 | 8 | 8 | Fixed | stc Bahrain B.S.C. Closed |
| 13110000 - 13119999 | 8 | 8 | Fixed | stc Bahrain B.S.C. Closed |
| 77000000 - 77999999 | 8 | 8 | Universal numbers (Fixed) | stc Bahrain B.S.C. Closed |
| 80090000 - 80099999 | 8 | 8 | Special services | stc Bahrain B.S.C. Closed |
| 80100000 - 80100999 | 8 | 8 | Special services | stc Bahrain B.S.C. Closed |
| 87000000 - 87000999 | 8 | 8 | Special services | stc Bahrain B.S.C. Closed |
| 87700000 - 87700999 | 8 | 8 | Special services | stc Bahrain B.S.C. Closed |
| 33000000 - 33999999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 34000000 - 34199999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 34200000 - 34299999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 34300000 - 34349999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 34350000 - 34599999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 34600000 - 34699999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35000000 - 35199999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35300000 - 35399999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35400000 - 35499999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35500000 - 35599999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35600000 - 35699999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 35900000 - 35999999 | 8 | 8 | Mobile | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 63000000 - 63009999 | 8 | 8 | Universal numbers (mobile) | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 63330000 - 63339999 | 8 | 8 | Universal numbers (mobile) | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 63610000 - 63619999 | 8 | 8 | Universal numbers (mobile) | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 63660000 - 63669999 | 8 | 8 | Universal numbers (mobile) | stc Bahrain B.S.C. Closed Bahrain B.S.C. Closed |
| 16171000 - 16171999 | 8 | 8 | Fixed | Viacloud W.L.L. |
| 65000000 - 65009999 | 8 | 8 | Universal numbers (Fixed) | Viacloud W.L.L. |
| 80408000 - 80408999 | 8 | 8 | Special services | Viacloud W.L.L. |
| 13600000 - 13699999 | 8 | 8 | Fixed | Zain Bahrain B.S.C. Closed |
| 36000000 - 36999999 | 8 | 8 | Mobile | Zain Bahrain B.S.C. Closed |
| 37000000 - 37999999 | 8 | 8 | Mobile | Zain Bahrain B.S.C. Closed |
| 66300000 - 66309999 | 8 | 8 | Universal numbers (mobile) | Zain Bahrain B.S.C. Closed |
| 66310000 - 66329999 | 8 | 8 | Universal numbers (Fixed) | Zain Bahrain B.S.C. Closed |
| 66330000 - 66399999 | 8 | 8 | Universal numbers (mobile) | Zain Bahrain B.S.C. Closed |
| 66600000 - 66699999 | 8 | 8 | Universal numbers (mobile) | Zain Bahrain B.S.C. Closed |
| 66900000 - 66999999 | 8 | 8 | Universal numbers (mobile) | Zain Bahrain B.S.C. Closed |
| 80070000 - 80079999 | 8 | 8 | Special services | Zain Bahrain B.S.C. Closed |

Contact:

TRA BAHRAIN

Mohammed Abdulla Ramzan Alnoaimi

Manager, Information & Communication Technology

P.O. Box 10353

Manama - Bahrain

Tel: +973 17 520 000

Fax: +973 17 532 125

E-mail: numbering@tra.org.bh

URL: www.tra.org.bh

**Liberia (country code +231)**

Communication of 8.II.2023:

The *Liberia Telecommunications* *Authority (LTA)*, Paynesville, announces updates to the national numbering plan for Liberia.

Orange Liberia number block (77) 2XX XXXX is activated.

K3 Telecoms Liberia Incorporated number block (33) 333 XXXX is deactivated.

Liberia uses a closed number scheme.

The updated national numbering plan is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Operator** | **Numbering series** | **Usage of ITU-T E.164 number** | **Max.Length** | **Min. Length** |
| Lonestar Cell MTN | (55) 5XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 0XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 1XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 6XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 7XX XXXX | Mobile | 9 | 9 |
| Lonestar Cell MTN | (88) 8XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 0XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 2XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 5XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 6XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 7XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 8XX XXXX | Mobile | 9 | 9 |
| Orange, Liberia | (77) 9XX XXXX | Mobile | 9 | 9 |
| Liberia Telecommunications Corporation | (22) 0XX XXXX | Mobile | 9 | 9 |
| Atlantic Reality & Investment Corporation | (33) 202 XXXX | Premium rate services | 9 | 9 |

Contact:

Liberia Telecommunications Authority (LTA)

Menetamba Road

Cooper’s Beach Community

1001 Paynesville

Liberia

Email: info@lta.gov.lr

URL: www.lta.gov.lr

#### Oman (country code +968)

Communication of 1.II.2023:

The *Oman Telecommunications Regulatory Authority (TRA),* Ruwi*,* announces the following update to the National Numbering Plan (NNP) of Oman:

| *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* |
| --- | --- | --- | --- |
| *Maximum*  | *Minimum*  |
| 901X XXXX to 909X XXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 91XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 92XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 93XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 94XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 95XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 96XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 97XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 98XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 99XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 71XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 72XXXXXX | 8 | 8 | Mobile service | Omantel Mobile |
| 770XXXXX | 8 | 8 | Mobile service | Vodafone |
| 771XXXXX | 8 | 8 | Mobile service | Vodafone |
| 772XXXXX | 8 | 8 | Mobile service | Vodafone |
| 773XXXXX | 8 | 8 | Mobile service | Vodafone |
| 774XXXXX | 8 | 8 | Mobile service | Vodafone |
| 775XXXXX | 8 | 8 | Mobile service | Vodafone |
| 78XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 79XXXXXX | 8 | 8 | Mobile service | Ooredoo |
| 21XXXXXX | 8 | 8 | Fixed service | Ooredoo/Omantel/Awaser |
| 22XXXXXX | 8 | 8 | Fixed service | Ooredoo/Omantel/Awaser |
| 23XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Dhofar & Al Wusta |
| 24XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Muscat |
| 25XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | A’Dakhliyah, Al Sharqiya & A’Dhahira |
| 26XXXXXX | 8 | 8 | Fixed service – currently only one fixed operator (Omantel) | Al Batinah & Musandam |

Contact:

 Mr Omar ALQatabi
Senior Executive Manager – Telecom Sector
Oman Telecommunications Regulatory Authority (TRA)
P.O. Box 579
RUWI, 112
Sultanate of Oman
Tel: +968 24222163
Fax: +968 24222081
E-mail: ir@tra.gov.om
URL: www.tra.gov.om

**Uzbekistan (country code +998)**

Communication of 10.II.2023

TheTelecommunication Management Center of the Republic of Uzbekistan, Tashkent, announces the updating National numbering plan of the Republic of Uzbekistan as follows:

General Information

Capital: **Tashkent**Time zone: **UTC +05.00**

International dialing format: **00** (for outgoing calls from Uzbekistan)

Country Code: **+998**

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:

| **NDC or leading digits of N(S)N**  | **N(S)N numberlength** | **Usage of E.164 number** | **Additional information****(regions and service types)** |
| --- | --- | --- | --- |
| **Maximumlength** | **Minimumlength** |
| 33 | 7 | 7 | Non-geographic number for mobile, GSM | HUMANS |
| 50 | 7 | 7 | Non-geographic number for mobile, GSM | UCELL |
| 55 | 7 | 7 | Non-geographic number for SIP | UZTELECOM |
| 61 | 7 | 7 | Geographic number for PSTN | Nukus city and Republic of Karakalpakstan |
| 62 | 7 | 7 | Geographic number for PSTN | Urgench city and Horezm region |
| 65 | 7 | 7 | Geographic number for PSTN | Buhara city and Buhara region |
| 66 | 7 | 7 | Geographic number for PSTN | Samarkand city and Samarkand region |
| 67 | 7 | 7 | Geographic number for PSTN | Gulistan city and Syrdarya region |
| 69 | 7 | 7 | Geographic number for PSTN | Namangan city and Namangan region |
| 70 | 7 | 7 | Geographic number for PSTN | Tashkent region |
| 71 | 7 | 7 | Geographic number for PSTN | Tashkent city |
| 72 | 7 | 7 | Geographic number for PSTN | Djizak city and Djizak region |
| 73 | 7 | 7 | Geographic number for PSTN | Fergana city and Fergana region |
| 74 | 7 | 7 | Geographic number for PSTN | Andijan city and Andijan region |
| 75 | 7 | 7 | Geographic number for PSTN | Karshi city and Kashkadarya region |
| 76 | 7 | 7 | Geographic number for PSTN | Termez city and Surkhandarya region |
| 77  | 7 | 7 | Non-geographic number for mobile, GSM | UZMOBILE |
| 78 | 7 | 7 | Non-geographic number for service providers of a fixed network | Other operators and providers of a fixed network |
| 79 | 7 | 7 | Geographic number for PSTN | Navoi city and Navoi region |
| 88 | 7 | 7 | Non-geographic number for mobile, GSM | MOBIUZ |
| 90 | 7 | 7 | Non-geographic number for mobile, GSM | BEELINE |
| 91 | 7 | 7 | Non-geographic number for mobile, GSM | BEELINE |
| 93 | 7 | 7 | Non-geographic number for mobile, GSM | UCELL |
| 94 | 7 | 7 | Non-geographic number for mobile, GSM | UCELL |
| 95 | 7 | 7 | Non-geographic number for mobile, CDMA & GSM | UZMOBILE |
| 97 | 7 | 7 | Non-geographic number for mobile, GSM | MOBIUZ |
| 98 | 7 | 7 | Non-geographic number for mobile, CDMA | PERFECTUM MOBILE |
| 99 | 7 | 7 | Non-geographic number for mobile, GSM | UZMOBILE |

Contact:

The Telecommunication Management Center of the Republic of Uzbekistan

Address: 18A, Sebzor massif, Olmazor district

Tashkent city, 100047

Tel: +998 71 2402772

E-mail: tmc@rtmc.uz

URL: www.rtmc.uz

Regulator:

The Ministry of Digital Technologies of the Republic of Uzbekistan

Address: 4, Amir Temur Avenue, Tashkent city, 100047

Tel: +998 71 2384107,

Fax: +998 71 2398782

E-mail: info@mitc.uz

URL: www.mitc.uz

Testing Laboratories recognized by ITU

According to the [ITU-T Guideline on “Testing Laboratories recognition procedure” (2022)](https://www.itu.int/en/ITU-T/studygroups/com11/casc/Documents/TL-RP_pub_2022-07-15.pdf) and based on the application received as of 07 February 2023, the following Testing Laboratory, which fulfils the criteria defined in the clause 9 of the above-mentioned ITU-T Guideline, was registered in the ITU Testing Laboratory Database (<https://itu.int/go/tldb>):

| **Testing Laboratory** | **Country** | **Scope of Accreditation(ITU-T Recommendations)** |
| --- | --- | --- |
| China Electronics Standardization Institute CESI Laboratory | China | P.800, P.805, P.830 |

Any queries can be addressed to conformity@itu.int. More details are available on ITU C&I Portal at: <https://itu.int/go/citest>.

Other communication

**Austria**

Communication of 01.II.2023:

On the occasion of the Marconi-Day 2023, the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE23M** from 21 to 23 April 2023.

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

|  |  |
| --- | --- |
| Country/geographical area | OB |

|  |  |  |  |
| --- | --- | --- | --- |
| **Seychelles** | **1006 (p.13)** |  |  |
| **Slovakia** | **1007 (p.12)** |  |  |
| **Malaysia** | **1013 (p.5)** |  |  |
| **Thailand** | **1034 (p.5)** |  |  |
| **São Tomé and Principe** | **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. 78)

**Czech Republic LIR** (read)

| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| --- | --- | --- | --- |
| Czech Republic | **Nordic Telecom Regional s.r.o.**Za Brumlovkou 266/2PRAHA 4 – MICHLE | **89 420 04** | Viktor VoseckýZa Brumlovkou 266/2PRAHA 4 – MICHLEE-mail: viktor.vosecky@nordictelecom.cz |
| Czech Republic | **O2 Czech Republic a.s.**Za Brumlovkou 266/2PRAHA 4 – MICHLE | **89 420 05** | Petra DandováZa Brumlovkou 266/2PRAHA 4 – MICHLEE-mail: petra.dandova@o2.cz |
| Czech Republic | **O2 Czech Republic a.s.**Za Brumlovkou 266/2PRAHA 4 – MICHLE | **89 420 20** | Petra DandováZa Brumlovkou 266/2PRAHA 4 – MICHLEE-mail: petra.dandova@o2.cz |

**Sweden SUP**

| *Country/Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| --- | --- | --- | --- |
| Sweden | **RebTel Networks AB**Jakobsbergsgatan 16SE-111 44 STOCKHOLM | **89 46 31** | Linda CullforsJakobsbergsgatan 16SE-111 44 STOCKHOLMTel: +46 70 330 60 67E-mail: linda.cullfors@rebtel.com |

**United Kingdom ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| United Kingdom | **Lebara Mobile Limited**7th Floor, Import Building 2 Clove Crescent, LONDON E14 2BE | **89 44 16** | Mr Gavin Miller7th Floor, Import Building 2 Clove Crescent, LONDON E14 2BE Tel: +447831263314E-mail: ITU-Enquiries@lebara.com | 1.III.2023 |

|  |  |  |  |
| --- | --- | --- | --- |
|  |

|  |
| --- |
| **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. 91) |

 |  |
|  |  |  |
|  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Czech Rep. ADD** |  |  |
| 230 11 | incrate s.r.o. |
| **Czech Rep. LIR** |  |  |
| 230 04 | Nordic Telecom Regional s.r.o. |
| **Sweden SUP** |  |  |
| 240 31 | RebTel Networks AB |
| **International Mobile, shared code ADD\*** |  |  |
| 901 97 | Satelio IoT Services S.L. |

 |  |  |
|  |  |  |  |  |
|  |

|  |
| --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\*                  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\* See the present ITU Operational Bulletin No. 1263 of 1.III.2023, page 6 |

 |  |

 |  |

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. 145)

| ***Country or area/ISO code*** | ***Company Code*** | ***Contact*** |
| --- | --- | --- |
| ***Company Name/Address*** | ***(carrier code)*** |  |

***Germany (Federal Republic of) / DEU* ADD**

|  |  |  |
| --- | --- | --- |
| medl GmbHBurgstrasse 1D-45476 Muelheim a.d. Ruhr | **MEDL** | Mr Joerg HanitzTel.: +49 208 4501 438Email: joerg.hanitz@medl.de |

|  |  |  |
| --- | --- | --- |
| Callone GmbHPosthofstrasse 5D-14467 POTSDAM | **CALL1** | Mr Bjoern BendigTel: +49 30 92033 500Fax: + 49 30 92033 509Email: kontakt@callone.de |

|  |  |  |
| --- | --- | --- |
| Comdesk GmbHNeuenkampsweg 4D-25337 KOELLN-REISIEK | **CDESK** | Mr Robert KuhlTel.: +49 4121 27521 0Fax: +49 4121 27521 100Email: support@comdesk.de |

|  |  |  |
| --- | --- | --- |
| conology GmbHTextorstrasse 99D-60596 FRANKFURT | **ARVELO** | Mr Willm TuetingTel.: +49 175 5209602Email: willm.tueting@conology.net |

|  |  |  |
| --- | --- | --- |
| Fiber Network WUG GmbHRingstrasse 19D-91738 PFOFELD | **FNW18** | Mr Marco KleemannTel.: +49 9834 5979885Email: info@fiber-network.de |

***Germany (Federal Republic of) / DEU* LIR**

|  |  |  |
| --- | --- | --- |
| RigiNet GmbHHauptstrasse 116D-82380 PEISSENBERG | **RIGI** | Mr Stefan SedlmeirTel: +49 8803 690299Fax.: +49 8803 690250Email: stefan.sedlmeir@peissenberg.de |

***Germany (Federal Republic of) / DEU* SUP**

|  |  |  |
| --- | --- | --- |
| Liberty Networks Germany GmbHSubbelrather Strasse 15 aD-50823 COLOGNE | **LNGER** | Mr Thomas SchidekTel.: +49 151 1142 7457Email: thomas.schidek@libertynetworks.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. 51)

|  |  |  |
| --- | --- | --- |
| Country/ Geographical Area | Unique name of the signalling point | Name of the signalling point operator |
| ISPC | DEC |
| **Czech Rep. SUP** |
| 2-060-1 | 4577 | MSSBRB2 | T-Mobile Czech Republic a.s. |
| 2-060-2 | 4578 | MSSRZT1 | T-Mobile Czech Republic a.s. |
| 2-230-1 | 5937 | MSS HRK 1 | T-Mobile Czech Republic a.s. |
| 2-231-7 | 5951 | MSS PRC 1 | T-Mobile Czech Republic a.s. |
| **Spain SUP** |
| 7-254-3 | 16371 | Madrid | Marin Telecom, S.L.U. |
| **Spain ADD** |
| 7-254-3 | 16371 | Madrid | AVATEL TELECOM, 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 1.II.2023, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Czech Republic | +420 |
| Ghana | +233 |
| Gibraltar | +350 |
| Taiwan, China | +886 |