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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| 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 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail:** [**brmail@itu.int**](mailto:brmail@itu.int) |

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| *Dates of publication of the next Operational Bulletins* | | *Including information received by:* |
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| 1180 | 15.IX.2019 | 30.VIII.2019 |
| 1181 | 1.X.2019 | 16.IX.2019 |
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| 1183 | 1.XI.2019 | 15.X.2019 |
| 1184 | 15.XI.2019 | 1.XI.2019 |
| 1185 | 1.XII.2019 | 15.XI.2019 |
| 1186 | 15.XII.2019 | 2.XII.2019 |

# 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 (03/99)) (Position on 1 June 2017)

1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)

1117 List of mobile country or geographical area codes (Complement to Recommendation ITU‑T E.212 (09/2016)) (Position on 1 February 2017).

1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU‑T E.164 (11/2010)) (Position on 15 December 2016)

1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)

1096 Legal time 2016

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.PP-2006)

980 List of Telegram Destination Indicators (In accordance with ITU-T Recommen­dation F.32 (10/1995)) (Position on 15 May 2011)

978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU‑T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)

977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000)) (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 (03/98)) (Position on 1 May 2010)

669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

List of ITU Carrier Codes (ITU-T Rec. M.1400 (03/2013)) 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 of ITU-T Recommendations

By AAP-64, 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.1032 (08/2019): Guidelines and certification schemes for e-Waste recyclers

– ITU-T L.1362 (08/2019): Interface for power management in NFV environments "Green Abstraction Layer2"

– ITU-T Y.2243 (08/2019): A service model for risk mitigation service based on networks

– ITU-T Y.3073 (08/2019): Framework for service function chaining in information centric networking

– ITU-T Y.3074 (08/2019): Framework for directory service for management of huge number of heterogeneously named objects in IMT-2020

– ITU-T Y.3107 (08/2019): Functional architecture for QoS assurance management in the IMT-2020 network

– ITU-T Y.3131 (08/2019): Functional architecture for supporting fixed mobile convergence in IMT-2020 networks

– ITU-T Y.3508 (08/2019): Cloud computing - Overview and high-level requirements of distributed cloud

– ITU-T Y.3523 (08/2019): Metadata framework for NaaS service lifecycle management

Data Transmission Service   
(Recommendation ITU-T X.121 (10/2000))

International numbering plan for public data networks

Hungary

Communication of 9.VIII.2019:

The *National Media and Infocommunications Authority,* Budapest*,* announces the withdrawal of Data Network Identification Code (DNIC) **216 1** of the network “Packet Switched Data Service”.

Accordingly, no Data Network Identification Codes (DNIC) is in use in Hungary.

For further information, please contact:

Mr Tamas Puss  
National Media and Infocommunications Authority   
Visegrádi utca 106.

1133 BUDAPEST

Hungary

Tel: +36 1 468 0666

Fax: +36 1 468 0690

E-mail: Puss.tamas@nmhh.hu; numbering@nmhh.hu

Telephone Service  
(Recommendation ITU-T E.164)

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

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

Communication of 19.VIII.2019:

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 | 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) |
| 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 –Kohgiluoyeva 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 – Kermanshah) |
| 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 |
| 940009 | 10 | 10 | Fixed Phone (fibber) | 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 |  |
| 9944 | 10 | 10 | Mobile services |  |
| 9950 | 5 | 10 | Public Trunk |  |
| 99510 | 10 | 10 | Mobile services |  |
| 99550 | 10 | 10 | Mobile services |  |
| 992 | 10 | 10 | Mobile services |  |
| 993 | 10 | 10 | Satellite Services |  |
| 99810 | 10 | 10 | Mobile services |  |
| 99811 | 10 | 10 | Mobile services |  |
| 99812 | 10 | 10 | Mobile services |  |
| 99813 | 10 | 10 | Mobile services | NEW |
| 99814 | 10 | 10 | Mobile services | NEW |
| 99815 | 10 | 10 | Mobile services | NEW |
| 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 |  |
| 99996 | 10 | 10 | Mobile services |  |
| 99997 | 10 | 10 | Mobile services |  |
| 99998 | 10 | 10 | Mobile services |  |
| 99999 | 10 | 10 | Mobile services |  |

Contact:

Alireza Darvishi

Director General, International Organizations Bureau,

Communications Regulatory Authority (CRA)

Ministry of Information and Communication Technology

15598 TEHRAN

Iran (Islamic Republic of)

Tel: +98 21 89662201

Fax: +98 21 88468999

E-mail: darvishi@cra.ir

URL: www.cra.ir

Malta (country code +356)

Communication of 16.VIII.2019:

The *Malta Communications Authority (MCA)*, Floriana, announces an update of the National Numbering Plan (NNP) of Malta. The main numbering ranges are:

|  |  |  |
| --- | --- | --- |
| ***Service*** | ***Operator*** | ***Numbering Ranges*** |
| Fixed | GO | 2100 - 2399 XXXX |
| 2500 - 2599 XXXX |
| Melita | 2700 - 2799 XXXX |
| Ozone | 2010 - 2019 XXXX |
| 2060 XXXX |
| 2065 XXXX |
| 2069 XXXX |
| Vanilla | 2031 - 2034 XXXX |
| Vodafone | 2090 - 2099 XXXX |
| Mobile | GO Mobile | 7900 - 7999 XXXX |
| 9889 XXXX |
| 7210 XXXX |
| Vodafone | 9900 - 9999 XXXX |
| 9897 XXXX |
| 9210 – 9211 XXXX |
| 9231 XXXX |
| Melita Mobile | 7700 - 7799 XXXX  9811 - 9813 XXXX |
| YOM | 9696 - 9697 XXXX |
| M2M/IoT Connectivity Services and other  Non-Interpersonal Communications Services | Melita | 40005 XXXXX |

All Administrations and Recognized Operating Agencies (ROAs) are requested to urgently programme their switches to enable immediate access to these numbering ranges.  Furthermore, the National Numbering Plan is updated in real-time and is made available on the MCA website at the following link <http://www.mca.org.mt/regulatory/numbering/numbering-plans>.

Contact:

Deborah Pisani / Claude Azzopardi  
Malta Communications Authority (MCA)  
Valletta Waterfront  
Pinto Wharf  
Floriana FRN1913  
Malta  
Tel: +356 2133 6840  
E-mail: numbering@mca.org.mt  
URL: www.mca.org.mt

Myanmar (country code +95)

Communication of 16.VIII.2019:

The *Ministry of Transport and Communications*, Nay Pyi Taw, announces that the following updated numbering scheme has been added to the national numbering plan of Myanmar:

*Description of introduction of new resources for  
national E.164 numbering plan for country code + 95:*

**AUTO EXCHANGE NUMBERING (Geographic)**

| **Sr  No.** | **Area Code** | **Number series** | **Area** | **Digit Length  (including area code** | **Licensee** |
| --- | --- | --- | --- | --- | --- |
| 1 | 1 | 473 xxxx | Yangon | 8 | Telenor Myanmar Limited |
| 2 | 1 | 483 xxxx | Yangon | 8 | Amara Communications Co., Ltd |
| 3 | 2 | 473 xxxx | Mandalay | 8 | Telenor Myanmar Limited |
| 4 | 2 | 483 xxxx | Mandalay | 8 | Amara Communications Co., Ltd |
| 5 | 42 | 483 xxxx | Pathein / Ayeyarwaddy | 9 | Amara Communications Co., Ltd |
| 6 | 43 | 483 xxxx | Sittwe / Thandwe | 9 | Amara Communications Co., Ltd |
| 7 | 56 | 483 xxxx | Thanlyin | 9 | Amara Communications Co., Ltd |
| 8 | 58 | 472 xxxx | Hpan | 9 | Thoolei Co.,Ltd |
| 9 | 67 | 473 xxxx | Naypyitaw | 9 | Telenor Myanmar Limited |
| 10 | 71 | 483 xxxx | Monywa | 9 | Amara Communications Co., Ltd |
| 11 | 81 | 471 xxxx | Shan (South) | 9 | Amara Communications Co., Ltd |
| 12 | 82 | 490 xxxx | Shan (North) | 9 | Amara Communications Co., Ltd |
| 13 | 85 | 483 xxxx | Pyin Oo Lwin | 9 | Amara Communications Co., Ltd |

**Mobile Numbering**

| **Sr  No.** | **Area Code** | **Number series** | **System** | **Digit Length  (including area code)** | **Operator** |
| --- | --- | --- | --- | --- | --- |
| 1 | 9 | 267 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 2 | 9 | 268 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 3 | 9 | 269 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 4 | 9 | 405 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 5 | 9 | 406 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 6 | 9 | 407 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 7 | 9 | 408 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 8 | 9 | 409 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 9 | 9 | 446 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 10 | 9 | 660 xxx - xxx | WCDMA / GSM | 10 | Telecom International Myanmar Co., Ltd |
| 11 | 9 | 661 xxx - xxx | WCDMA / GSM | 10 | Telecom International Myanmar Co., Ltd |
| 12 | 9 | 662 xxx - xxx | WCDMA / GSM | 10 | Telecom International Myanmar Co., Ltd |
| 13 | 9 | 753 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 14 | 9 | 754 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 15 | 9 | 755 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 16 | 9 | 756 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 17 | 9 | 757 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 18 | 9 | 758 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 19 | 9 | 759 xxx - xxx | WCDMA / GSM | 10 | Telenor Myanmar Limited |
| 20 | 9 | 887 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 21 | 9 | 888 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 22 | 9 | 889 xxx - xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 23 | 9 | 98x xxx - xxx | WCDMA / GSM | 10 | Ooredoo Myanmar Limited |

In addition, *The Ministry of Transport and Communications*, Nay Pyi Taw, announces the following correction to the national numbering plan of Myanmar issued in Operational Bulletin No 1165 (1.II.2019):

**AUTO EXCHANGE NUMBERING (Geographic)**

| Sr  No. | Area Code | Number series | Area | Digital Length (including area code) | Licensee |
| --- | --- | --- | --- | --- | --- |
| 1 | 1 | 471 xxxx | Yangon | 8 | Frontiir Co., Ltd |
| 2 | 1 | 446 xxxx | Yangon | 8 | Yatanarpon Teleport Public Co., Ltd |
| 3 | 1 | 472 xxxx | Yangon | 8 | Global Technology Co., Ltd |
| 4 | 2 | 471 xxxx | Mandalay | 8 | Frontiir Co., Ltd |
| 5 | 2 | 446 xxxx | Mandalay | 8 | Yatanarpon Teleport Public Co., Ltd |
| 6 | 2 | 472 xxxx | Mandalay | 8 | Global Technology Co., Ltd |
| 7 | 42 | 481 xxxx | Pathein | 9 | Global Technology Co., Ltd |
| 8 | 42 | 482 xxxx | Ayeyarwaddy | 9 | Fortune Telecom, Co., Ltd |
| 9 | 52 | 472 xxxx | Bago | 9 | Global Technology Co., Ltd |
| 10 | 52 | 473 xxxx | Bago | 9 | Fortune Telecom, Co., Ltd |
| 11 | 53 | 472 xxxx | Pyay | 9 | Global Technology Co., Ltd |
| 12 | 53 | 473 xxxx | Pyay | 9 | Fortune Telecom, Co., Ltd |
| 13 | 57 | 481 xxxx | Mawlamyine | 9 | Global Technology Co., Ltd |
| 14 | 57 | 482 xxxx | Mon | 9 | Fortune Telecom, Co., Ltd |
| 15 | 59 | 471 xxxx | Tanintharyi | 9 | Fortune Telecom, Co., Ltd |
| 16 | 62 | 472 xxxx | Pakokku | 9 | Global Technology Co., Ltd |
| 17 | 62 | 473 xxxx | Magway | 9 | Fortune Telecom, Co., Ltd |
| 18 | 64 | 472 xxxx | Meiktila | 9 | Global Technology Co., Ltd |
| 19 | 64 | 473 xxxx | Mandalay | 9 | Fortune Telecom, Co., Ltd |
| 20 | 67 | 471 xxxx | Naypyitaw | 9 | Fortune Telecom, Co., Ltd |
| 21 | 85 | 446 xxxx | Pyin Oo Lwin | 9 | Yatanarpon Teleport Public Co., Ltd |
| 22 | 85 | 472 xxxx | Pyin Oo Lwin | 9 | Global Technology Co., Ltd |

**Mobile Numbering**

| **Sr  No.** | **Area Code** | **Number series** | **System** | **Digit Length  (including area code)** | **Operator** |
| --- | --- | --- | --- | --- | --- |
| 1 | 9 | 68x xxx-xxx | WCDMA / GSM | 10 | Telecom International Myanmar Co., Ltd |
| 2 | 9 | 266 xxx-xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |
| 3 | 9 | 447 xxx xxx | WCDMA / GSM | 10 | Myanma Posts and Telecommunications |

Contact:

Ministry of Transport and Communications

Posts and Telecommunications Department (PTD)

Building No. 2,

NAY PYI TAW

Myanmar

Tel: +95 67 3407 225

Fax: +95 67 3407 216

E-mail: dg.ptd@mptmail.net.mm

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 – 2006)

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) |  |  |  |

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. 15)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Australia LIR** |  |  |
| 505 12 | Vodafone Hutchison Australia Pty Ltd |
| **Bermuda ADD** |  |  |
| 350 15 | FKB Net Ltd. |

\_\_\_\_\_\_\_\_\_\_\_\_

\* 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. 84)

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

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

|  |  |  |
| --- | --- | --- |
| Macrogate IP Systems GmbH  Trakehner Strasse 7 - 9  Eingang B  D-60487 FRANKFURT | **MACROG** | Mr Jimmy Masala  Tel.: +49 69 66778195  Email: info@macrogate.eu |

|  |  |  |
| --- | --- | --- |
| autphone GmbH Bulk-Account  Herzog-Albrecht-Strasse 11  D-94544 HOFKIRCHEN | **FLAUT** | Mr Tomislav Mrksa  Tel.: +49 8545 2339900  Fax: +49 8545 2339909  Email: tomislav.mrksa@autphone.com |

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| Andreas Waschefort anwadi.de  Gartenstrasse 15  D-49406 BARNSTORF | **ANWADI** | Mr Andreas Waschefort  Tel.: +49 5442 5017824  Fax: +49 5442 5013707  Email: office@anwadi.de |

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| TRILUCom Holding S.A.  c/o Andreas Waschefort  Gartenstrasse 15  D-49406 BARNSTORF | **TRILU1** | Mr Andreas Waschefort  Tel.: +49 5442 5017824  Fax: +49 5442 5013707  Email: office@trilu.com |

List of Data Network Identification Codes (DNIC)  
(According to Recommendation ITU-T X.121(10/2000))  
(Position on 1 April 2011)

(Annex to ITU Operational Bulletin No. 977 – 1.IV.2011)   
(Amendment No. 11)

**P 13 216 1 SUP**

|  |  |  |
| --- | --- | --- |
| *Country/Area* | *DNIC No.* | *Name of network to which a DNIC is allocated* |
| *1* | *2* | *3* |
| HONGRIE  *HUNGARY*  HUNGRÍA  1)use internally, see OB 965 | 216 1 | Packet Switched Data Service 1) |

See also page 5 of this ITU Operational Bulletin No. 1179.