

ITU Operational Bulletin

www.itu.int/itu-t/bulletin

No. **1179**

1.IX.2019

(Information received by 19 August 2019) 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 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

Table of Contents

Page

GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin: <i>Note from TSB</i>	3
Approval of ITU-T Recommendations	4
Data Transmission Service (Recommendation ITU-T X.121 (10/2000))	
Hungary (<i>National Media and Infocommunications Authority, Budapest</i>)	5
Telephone Service:	
Iran (<i>Communications Regulatory Authority (CRA), Tehran</i>)	6
Malta (<i>Malta Communications Authority (MCA), Floriana</i>)	10
Myanmar (<i>Ministry of Transport and Communications, Nay Pyi Taw</i>)	11
Service Restrictions	14
Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)	14

AMENDMENTS TO SERVICE PUBLICATIONS

Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions	15
List of ITU Carrier Codes	16
List of Data Network Identification Codes (DNIC)	17

www.itu.int



<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1180	15.IX.2019	30.VIII.2019
1181	1.X.2019	16.IX.2019
1182	15.X.2019	1.X.2019
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

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

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)

NDC	NSN Number length		Usage of E.164	Additional Information
	Minimum	Maximum		
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 – 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 – Kermanshah)
84	5	10	Fixed Phone	Area Code (Geographic Number for Fixed telephony Numbers- Ilam)

NDC	NSN Number length		Usage of E.164	Additional Information
	Minimum	Maximum		
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

NDC	NSN Number length		Usage of E.164	Additional Information
	Minimum	Maximum		
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:

<i>Service</i>	<i>Operator</i>	<i>Numbering Ranges</i>
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	Patheingyi / Ayeyarwaddy	9	Amara Communications Co., Ltd
6	43	483 xxxx	Sittoung / Thandwe	9	Amara Communications Co., Ltd
7	56	483 xxxx	Thantlabin	9	Amara Communications Co., Ltd
8	58	472 xxxx	Hpa-an	9	Thoolet 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

Sr No.	Area Code	Number series	System	Digit Length (including area code)	Operator
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	Patheingyi	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	Pyaw	9	Global Technology Co., Ltd
12	53	473 xxxx	Pyaw	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

<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 – 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)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
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)

<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	
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
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
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

<i>Country/Area</i>	<i>DNIC No.</i>	<i>Name of network to which a DNIC is allocated</i>
<i>1</i>	<i>2</i>	<i>3</i>
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.