ITU Operational Bulletin

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GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

Note from TSB

A.   The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

1162   Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 15 December 2018)

1161   List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 1 December 2018)

1154   Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 15 August 2018)

1125   List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 June 2017)

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

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

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

1109   List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/1999)) (Position on 1 October 2016)

1096   Legal time 2016

1060   List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013) (Position on 15 September 2014)

1015   Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)

1002   List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)

1001   List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)

1000   Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)

994   Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)

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

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

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

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

976   List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)

974   List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)

955   Various tones used in national networks (According to ITU-T Recommendation E.180 (03/1998)) (Position on 1 May 2010)

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

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

List of ITU Carrier Codes (ITU-T Rec. M.1400)   www.itu.int/ITU-T/inr/icc/index.html

Bureaufax Table (ITU-T Rec. F.170)   www.itu.int/ITU-T/inr/bureaufax/index.html

List of recognized operating agencies (ROAs)   www.itu.int/ITU-T/inr/roa/index.html

Approval of ITU-T Recommendations

By AAP-75, 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.807 (02/2020): Generic functional architecture of the optical media network

– ITU-T G.9960 (2018) Amd. 1 (02/2020)

– ITU-T G.9961 (2018) Amd. 1 (02/2020)

– ITU-T M.3041 (02/2020): Framework of smart operation, management and maintenance

– ITU-T M.3363 (02/2020): Requirements for Data Management in the TMN

– ITU-T M.3364 (02/2020): Requirements for on-site telecommunication smart maintenance management function

– ITU-T Y.1540 (2019) Amd. 1 (02/2020)

– ITU-T Y.3173 (02/2020): Framework for evaluating intelligence level of future networks including IMT-2020

– ITU-T Y.3174 (02/2020): Framework for data handling to enable machine learning in future networks including IMT-2020

– ITU-T Y.3604 (02/2020): Big data - Overview and requirements for data preservation

Assignment of Signalling Area/Network Codes (SANC) (Recommendation ITU-T Q.708 (03/99))

Note from TSB

At the request of the Administration of Australia, the Director of TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system No. 7 network of this country/geographical area, in accordance with Recommendation ITU-T Q.708 (03/99):

Country/geographical area or signalling network	SANC
Australia	5-123

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SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

Telephone Service
(Recommendation ITU-T E.164)

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

Ghana (country code +233)

Communication of 10.II.2020:

The *National Communications Authority (NCA),* Accra, announces the assignment of new numbering blocks to an existing Fixed, GSM/UMTS operator, Scancom PLC (MTN Ghana).

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 (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		
30 (NDC) (30 801 XXXX – 30 825 XXXX)	9	9	Geographic number for fixed services in Greater Accra Region	Scancom PLC (MTN Ghana)
31 (NDC) (31 801 XXXX – 31 803 XXXX)	9	9	Geographic number for fixed services in Western Region	Scancom PLC (MTN Ghana)
32 (NDC) (32 801 XXXX – 32 804 XXXX)	9	9	Geographic number for fixed services in Ashanti Region	Scancom PLC (MTN Ghana)

Contact:

> National Communications Authority (NCA)
> Mr Paul Kofi Datsa
> NCA Tower, No. 6 Airport City
> Kotoka International Airport
> P.O. Box CT 1568, Cantonments
> ACCRA
> Ghana
> Tel: +233 302 776 621
> Fax: +233 302 763 449
> E-mail: info@nca.org.gh
> URL: www.nca.org.gh

Malta (country code +356)

Communication of 13.II.2020:

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
	GO	40079 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: https://www.mca.org.mt/regulatory/numbering/numbering-plans

Contact:

> Alistair Farrugia / 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

New Zealand (country code +64)

Communication of 10.II.2020:

The *Ministry of Business, Innovation and Employment*, Wellington, announces the dialling plan for New Zealand telephone numbers, in conformity with Recommendation ITU-T E.129:

– Minimum number length (excluding the country code): three (3) digits.
– Maximum number length (excluding the country code): fourteen (14) digits.

The table below includes only those number groups that can be dialled from outside New Zealand.

This update of the dialling plan is dated 10 February 2020.

The main updates to this schedule are as follows:
NDC 29 – N(S)N max length is now 10 digits
NDC 85 – N(S)N max length is now 13 digits

Details of the numbering scheme

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		
10	3	3		Gateway switch test numbers
11	14	10	Value-added services	New Zealand direct service where provided
12	8	6		NZ direct service where provided
20	10	9	Non-geographic service numbers	Mobile service
21	10	8	Non-geographic service numbers	Mobile service
22	10	9	Non-geographic service numbers	Mobile service
240	8	8	Non-geographic service numbers	Scott Base Antarctica
26	9	8	Non-geographic service numbers	Paging service
27	10	9	Non-geographic service numbers	Mobile service
28	10	9	Non-geographic service numbers	Mobile service
29	10	9	Non-geographic service numbers	Mobile service
32	8	8	Geographic numbers for fixed services	
33	8	8	Geographic numbers for fixed services	
34	8	8	Geographic numbers for fixed services	
35	8	8	Geographic numbers for fixed services	
36	8	8	Geographic numbers for fixed services	
37	8	8	Geographic numbers for fixed services	
39	8	8	Geographic numbers for fixed services	

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		
42	8	8	Geographic numbers for fixed services	
43	8	8	Geographic numbers for fixed services	
44	8	8	Geographic numbers for fixed services	
45	8	8	Geographic numbers for fixed services	
46	8	8	Geographic numbers for fixed services	
47	8	8	Geographic numbers for fixed services	
48	8	8	Geographic numbers for fixed services	
49	8	8	Geographic numbers for fixed services	
50	7	7	Nation-Wide Service	Excludes 508 free phone codes
60	4	4		Directory assistance operator only
62	8	8	Geographic numbers for fixed services	
63	8	8	Geographic numbers for fixed services	
65	8	8	Geographic numbers for fixed services	
66	8	8	Geographic numbers for fixed services	
67	8	8	Geographic numbers for fixed services	
68	8	8	Geographic numbers for fixed services	
69	8	8	Geographic numbers for fixed services	
70	9	9	Personal Number Service	Some Personal Number service codes are internationally dialable where arrangements are in place
72	8	8	Geographic numbers for fixed services	
73	8	8	Geographic numbers for fixed services	
74	8	8	Geographic numbers for fixed services	
75	8	8	Geographic numbers for fixed services	
77	8	8	Geographic numbers for fixed services	
78	8	8	Geographic numbers for fixed services	

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		
79	8	8	Geographic numbers for fixed services	
80	10	8	Value-added services	International 0800 service where agreed
83	10	5	Value-added services	Enhanced voice services
840	8	5	Value-added services	Some Value-added services are internationally dialable where agreed.
85	13	8	Value-added services	International 0800 and calling card (HCD) service where agreed
86	9	8	Value-added services	Enhanced paging services, and NZ direct services where required
87	8	4	Value-added services	PSTN access to data services
90	11	9	Premium-Rate services	Some Premium Rate service codes are internationally dialable where arrangements are in place.
92	8	8	Geographic numbers for fixed services	
93	8	8	Geographic numbers for fixed services	
94	8	8	Geographic numbers for fixed services	
95	8	8	Geographic numbers for fixed services	
96	8	8	Geographic numbers for fixed services	
97	8	8	Geographic numbers for fixed services	
98	8	8	Geographic numbers for fixed services	
99	8	8	Geographic numbers for fixed services	

More information on the New Zealand telephone numbering scheme can be found at the following web site: http://www.nad.org.nz

Contact:

>Number Administrator
>NAD
>P.O. Box 302 469
>North Harbour
>AUCKLAND
>New Zealand
>Tel: +64 9 475 0201
>Fax: +64 9 479 4530
>E-mail: admin@nad.org.nz

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. 22)

Mexico   ADD

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Mexico	**OXIO MOBILE, S.A. DE C.V.** San Francisco 1838, Eje 8 y Rodriguez Saro, 03104, CDMX	**89 52 04**	Nicolas Girard San Francisco 1838, Int 202, Col. Del Valle Sur, C.P. 03104, Benito Juárez, CDMX Tel: +1 917 284 8331 E-mail: itu-poc@oxio.com	10.II.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.27)

Country/Geographical area	MCC+MNC *	Operator/Network
Canada ADD		
	302 150	Cogeco Connexion Inc.
Ireland ADD		
	272 21	Net Feasa Limited

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*   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. 93)

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
Germany (Federal Republic of) / DEU	**ADD**	
Kabelshop KVS GmbH Oberer Markt 3 D-66538 NEUNKIRCHEN	**KVSNET**	Mr. Juergen Kempf Tel.: +49 6821 3090444 Fax: +49 6821 3090445 Email: portierung@kabelshop-kvs.de
Stadtwerke Meerane GmbH Obere Bahnstrasse 10 D-08393 MEERANE	**SWMEER**	Mrs Katja Braun Tel.: +49 3764 7917 47 Fax: +49 3764 7917 19 Email: katja.braun@sw-meerane.de
telekommtec Kohlmann e.K. Grafingerstrasse 4 D-85567 GRAFING	**TKTEC**	Mr Ralf Kohlmann Tel.: +49 8092 2558459 Email: info@telekommtec.de

List of Signalling Area/Network Codes (SANC)
(Complement to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 June 2017)

(Annex to ITU Operational Bulletin No. 1125 – 1.VI.2017)
(Amendment No. 10)

Numerical order   ADD

     5-123   Australia

Alphabetical order   ADD

     5-123   Australia

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SANC: Signalling Area/Network Code.
        Code de zone/réseau sémaphore (CZRS).
        Código de zona/red de señalización (CZRS).

List of International Signalling Point Codes (ISPC)
(According to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 October 2016)

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 69)

Country/ Geographical Area		Unique name of the signalling point	Name of the signalling point operator
ISPC	DEC		
AUSTRALIA	**SUP**		
5-012-1	10337	Melbourne switch ID = S3MA	PowerTel Ltd
Australia	**ADD**		
5-015-2	10362	SYD/PCT	Pacific Teleports Pty Ltd
Australia	**LIR**		
5-011-0	10328	Sydney, SYFx	Optus Networks Ltd
5-012-4	10340	Melbourne-Australia-IPSystems-SLT1	IP Systems
5-012-5	10341	Melbourne-Australia-IPSystems-SLT2	IP Systems
5-014-3	10355	Norfolk Island-GSMC	Norfolk Telecom
5-014-4	10356	Norfolk Island-International switch PSTN gateway	Norfolk Telecom
5-015-1	10361	Sydney	Primus
5-017-0	10376	SYF6	Optus Ltd
5-017-1	10377	SYF7	Optus Ltd
5-017-2	10378	SYF8	Optus Ltd
5-018-0	10384	1-Syd	Telstra Corporation Ltd
5-018-1	10385	SGX-Sydney, Australia	Tata Communications (Australia) Pty Ltd
5-116-1	11169	C2CA	TransACT Ltd
5-116-2	11170	EPS1 (Sydney 1)	Mibroadband Pty Ltd
5-116-3	11171	EPS2 (Sydney 2)	Mibroadband Pty Ltd
5-116-4	11172	EPM1 (Melbourne 1)	Mibroadband Pty Ltd
5-116-5	11173	EPM2 (Melbourne 2)	Mibroadband Pty Ltd
5-117-0	11176	Sydney	Primus Telecommunications Pty Ltd
5-117-1	11177	Prodigy Sydney Switch	Prodigy Telecom Pty Ltd
5-117-2	11178	Prodigy Melbourne Switch	Prodigy Telecom Pty Ltd
5-117-3	11179	AlphaSydney 01-05	Alpha Telecom Pty
5-117-4	11180	HI-Tel	HiTech Telecom Pty Ltd
5-118-1	11185	GSX-Sydney, Australia	Tata Communications (Australia) Pty Ltd
5-119-6	11198	Sydney-Australia-IPSystems-SLT1	IP Systems
5-119-7	11199	Sydney-Australia-IPSystems-SLT1	IP Systems
5-120-1	11201	MelbVzbIMG-2	Tel.Pacific Pty Ltd (Telpacific)
5-121-0	11208	SYDNEY SGX - AUSTRALIA	Tata Communications (Australia) Pty Ltd
5-121-1	11209	SYDNEY GSX - AUSTRALIA	Tata Communications (Australia) Pty Ltd
5-121-7	11215	SYM-IMG-WS-02-MAS-AU	Symbio Networks P/L
5-122-0	11216	P2SC	Primus
5-122-2	11218	Pivotel Sydney 3	Pivotel Satellite Limited

Germany   SUP

2-037-7	4399	Frankfurt	Wavecrest Communications Deutschland GmbH
2-127-4	5116	Frankfurt	European Telco Exchange AG
2-129-1	5129	Frankfurt	AmEurotel GmbH
3-243-1	8089	Frankfurt	BerMosCom GmbH
5-245-3	12203	Frankfurt	Ecoway GmbH

Germany   ADD

5-245-4	12204	Telecom26 Frankfurt FR5 STP1	Telecom 26 AG

Germany   LIR

2-034-6	4374	Stuttgart	Vodafone BW GmbH
2-129-6	5134	Frankfurt	DOCOMO Digital Germany GmbH
2-222-4	5876	Berlin	01051 Telecom GmbH
2-244-4	6052	Frankfurt	GTT GmbH
2-247-2	6074	Frankfurt	GTT GmbH
2-248-5	6085	Düsseldorf	Westend Management GmbH
2-251-5	6109	Duesseldorf	DOCOMO Digital Germany GmbH
2-252-7	6119	Stuttgart	Vodafone BW GmbH
3-252-4	8164	Frankfurt	Belcotel GmbH
3-252-7	8167	Stuttgart	Vodafone BW GmbH
4-244-5	10149	Hannover	Limitless Mobile GmbH
4-246-1	10161	Frankfurt	01058 Telecom GmbH

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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.2020, the following countries/geographical areas have updated their national numbering plan on our site:

Country/ Geographical area	Country Code (CC)
French Polynesia	+689
Guinea	+224
Trinidad and Tobago	+1 868