

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.

- 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

Approval of ITU-T Recommendations

By AAP-32, 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 J.152 (07/2023): Requirements for cable television services to use 5G radio system
- ITU-T J.224 (07/2023): Fifth-generation transmission systems for interactive cable television services - IP cable modems
- ITU-T J.225 (07/2023): Fourth-generation transmission systems for interactive cable television services - IP cable modems
- ITU-T J.299 (07/2023): Functional requirements for remote management of cable set-top box by auto configuration server
- ITU-T J.1036 (07/2023): Factual subscriber-base reporting and protected content delivery in conditional access system - Requirements
- ITU-T J.1112 (07/2023): Functional Requirements for IP-based Digital Video Convergence Service
- ITU-T J.1305 (07/2023): Requirements of microservice architecture for audio-visual media in the converged media cloud
- ITU-T J.1306 (07/2023): Specification of microservice architecture for audio-visual media in the converged media cloud
- ITU-T J.1612 (07/2023): The Architecture for Smart Home Gateway
- ITU-T Q.3063 (2022) Cor. 1 (07/2023)
- ITU-T Q.4140 (07/2023): Signalling requirements for service deployment in computing power network
- ITU-T Q.5006 (07/2023): Signalling requirements for hierarchical network slicing service
- ITU-T Q.5026 (07/2023): Signalling Requirements and Protocol for Providing Network-oriented Data Integrity Verification Service based on Blockchain in IMT-2020 network
- ITU-T Q.5027 (07/2023): Protocol for IMT-2020 network integration with Time Sensitive Network

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

Note from TSB

At the request of the Administration of France, 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):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
France	7-202

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

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

International numbering plan for public data networks

United States

Communication of 6.VII.2023:

The *Federal Communications Commission*, Washington, announces the assignment of Data Network Identification Code (DNIC) **310 0** to the network "EMARCONI".

Accordingly, the following Data Network Identification Codes (DNIC) and network names are in use in United States:

Country/Area	DNIC No.	Name of network to which a DNIC is allocated
1	2	3
ÉTATS-UNIS UNITED STATES ESTADOS UNIDOS	310 0	EMARCONI
	310 1	PTN-1 Western Union Packet Switching Network
	310 2	MCI Public Data Network (ResponseNet)
	310 3	ITT UDTS Network
	310 4	MCI Public Data Network (International Gateway)
	310 5	WUI Leased Channel Network
	310 6	Tymnet Network
	310 7	ITT Datel Network
	310 8	ITT Short Term Voice/Data Transmission Network
	310 9	RCAG DATEL II
	311 0	Telenet Communications Corporation
	311 1	RCAG DATEL I (Switched Alternate Voice-Data Service)
	311 2	Western Union Teletex Service
	311 3	RCAG Remote Global Computer Access Service (Low Speed)
	311 4	Western Union Infomaster
	311 5	Graphnet Interactive Network
	311 6	Graphnet Store and Forward Network
	311 7	WUI Telex Network
	311 8	Graphnet Data Network
	311 9	TRT Packet Switching Network (IPSS)
	312 0	ITT Low Speed Network
	312 1	FTCC Circuit Switched Network
	312 2	FTCC Telex
	312 3	FTCC Domestic Packet Switched Transmission (PST) Service
	312 4	FTCC International PST Service
	312 5	UNINET
	312 6	ADP Autonet
	312 7	GTE Telenet Communications Corporation
	312 8	TRT Mail/Telex Network
	312 9	TRT Circuit Switch Data (ICSS)
	313 0	TRT Digital Data Network
	313 1	RCAG Telex Network
	313 2	Compuserve Network Services
313 3	RCAG XNET Service	
313 4	AT+T/ACCUNET Packet Switched Capability	
313 5	ALASCOM/ALASKANET Service	

Country/Area	DNIC No.	Name of network to which a DNIC is allocated
1	2	3
	313 6	Geisco Data Network
	313 7	International Information Network Services – INFONET Service
	313 8	Fedex International Transmission Corporation – International Document Transmission Service
	313 9	KDD America, Inc. – Public Data Network
	314 0	Southern New England Telephone Company – Public Packet Network
	314 1	Bell Atlantic Telephone Companies – Advance Service
	314 2	Bellsouth Corporation – Pulselink Service
	314 3	Ameritech Operating Companies – Public Packet Data Networks
	314 4	Nynex Telephone Companies – Nyex Infopath Service
	314 5	Pacific Telesis Public Packet Switching Service
	314 6	Southwestern Bell Telephone Co. – Microlink II Public Packet Switching Service
	314 7	U.S. West, Inc. – Public Packet Switching Service
	314 8	United States Telephone Association – to be shared by local exchange telephone companies
	314 9	Cable & Wireless Communications, Inc. – Public Network
	315 0	Globenet, Inc. – Globenet Network Packet Switching Service
	315 1	Cable & Wireless Communications, Inc. – Public Network
	315 2	GTE Hawaiian Telephone Company, Inc. – Public Data Network
	315 3	JAIS USA-NET Public Packet Switching Service
	315 4	Nomura Computer Systems America, Inc. – NCC-A VAN public packet switching service
	315 5	Aeronautical Radio, Inc. – GLOBALINK
	315 6	American Airlines, Inc. – AANET
	315 7	COMSAT Mobile Communications – C-LINK
	315 8	Schlumberger Information Network (SINET)
	315 9	Westinghouse Communications – Westinghouse Packet Network
	316 0	Network Users Group, Ltd. – WDI NET packet
	316 1	United States Department of State, Diplomatic Telecommunications Service Black Packet Switched Data Network
	316 2	Transaction Network Services, Inc. – TNS Public Packet-switched Network
	316 3	Konnect, LLC – International data network
	316 6	U.S. Department of Treasury Wide Area Data Network
	316 8	BT North America packet-switched data network
	316 9	Tenzing Communications Inc. – Inflight Network

For further information, please contact:

Federal Communications Commission
45 L Street, NE
WASHINGTON, D.C. 20554
United States
Tel: +1 888 225 5322
Fax: +1 866 418 0232
URL: www.fcc.gov

Telephone Service (Recommendation ITU-T E.164)

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

Denmark (country code +45)

Communication of 14.VII.2023:

The Agency for Data Supply and Infrastructure, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- Withdrawals

Type	Numbering resource	Provider	Date of withdrawal
Fixed communication	65999fgh	TDC Net A/S	30 June 2023

- Assignments

Type	Numbering resource	Provider	Date of assignment
Mobile communication	3590efgh	Telavox ApS	17 April 2023
Mobile communication	91304fgh, 6640efgh, 66220fgh, 77110fgh, 66201fgh, 77102fgh, 66332fgh, 66338fgh, 92296fgh, 24729fgh, 29191fgh, 29755fgh, 29971fgh, 29961fgh, 29950fgh, 29952fgh, 51651fgh, 61210fgh, 61520fgh, 61533fgh, 61571fgh, 61581fgh	Maxtel.dk ApS	11 May 2023
NSPC	NSPC1-0-1 [ID: Copenhagen01_NSPC] NSPC1-0-10 [ID: Copenhagen02_NSPC] NSPC1-0-100 [ID: Copenhagen03_NSPC] NSPC1-0-101 [ID: Copenhagen04_NSPC] NSPC1-0-102 [ID: Copenhagen05_NSPC] NSPC1-0-103 [ID: Copenhagen06_NSPC] NSPC1-0-104 [ID: Copenhagen07_NSPC] NSPC1-0-105 [ID: Copenhagen08_NSPC]	Onomondo ApS	23 May 2023

Contact:

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8 Rentemestervej
2400 COPENHAGEN NV
Denmark
Tel: +45 7254 5500
E-mail: tele@sdfi.dk
URL: www.sdfi.dk

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-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. 87)

Germany LIR

<i>Country/ Geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>
Germany	Telekom Deutschland GmbH Friedrich-Ebert-Allee 140 53113 BONN	89 49 01	Ingo Schnatz Deutsche Telekom Technik GmbH Landgrabenweg 151 53227 BONN Tel: +49 228 181 64511 E-mail: ingo.schnatz@telekom.de
Germany	Telekom Deutschland GmbH Friedrich-Ebert-Allee 140 53113 BONN	89 49 02	Ingo Schnatz Deutsche Telekom Technik GmbH Landgrabenweg 151 53227 BONN Tel: +49 228 181 64511 E-mail: ingo.schnatz@telekom.de
Germany	Telekom Deutschland GmbH Friedrich-Ebert-Allee 140 53113 BONN	89 49 03	Ingo Schnatz Deutsche Telekom Technik GmbH Landgrabenweg 151 53227 BONN Tel: +49 228 181 64511 E-mail: ingo.schnatz@telekom.de
Germany	Telekom Deutschland GmbH Friedrich-Ebert-Allee 140 53113 BONN	89 882 28	Ingo Schnatz Deutsche Telekom Technik GmbH Landgrabenweg 151 53227 BONN Tel: +49 228 181 64511 E-mail: ingo.schnatz@telekom.de

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. 155)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
Germany (Federal Republic of) / DEU	SUP	
Zweckverband Ostholstein Wagrienring 3 - 13 23730 SIERKSDORF	ZVOSTH	Mr Torsten Hindenburg Tel: +49 4561 399 278 Fax: +49 4561 399 9278 E-mail: t.hindenburg@zvo.com
Germany (Federal Republic of) / DEU	ADD	
Zweckverband Ostholstein Wagrienring 3 - 13 23730 SIERKSDORF	ZVO	Mr Torsten Hindenburg Tel: +49 4561 399 278 Fax: +49 4561 399 9278 E-mail: t.hindenburg@zvo.com
Germany (Federal Republic of) / DEU	LIR	
NetCom BW GmbH Unterer Brühl 2 73479 ELLWANGEN	NCBW14	Dr. Silvia Schick Tel: +49 7961 56951 3495 E-mail: regulierung@netcom-bw.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. 25)

Numerical order ADD

7-202 France

Alphabetical order ADD

7-202 France

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 July 2020)

(Annex to ITU Operational Bulletin No. 1199 – 1.VII.2020)
(Amendment No. 57)

*Country/
Geographical Area*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
France ADD			
2-201-4	5708	BJT Partners - Paris	BJT Partners
2-221-5	5869	OVH - SAS	OVH
3-232-6	8006	MOBIQUITHINGS - Vitry 3	MOBIQUITHINGS
4-228-7	10023	TDF - Les Lilas 2	TDF
6-233-0	14152	BOUYGUES TELECOM - PTS 05 - Plessis	BOUYGUES TELECOM
6-233-1	14153	BOUYGUES TELECOM - PTS 06 - Bobigny	BOUYGUES TELECOM
France LIR			
2-017-3	4235	Vérizon France Mons en Baroeul	Vérizon France
2-022-2	4274	Orange – Paris NEO POP	Orange
2-023-0	4280	MINT - Paris 2	MINT
2-202-0	5712	BJT Partners - Vitry sur Seine	BJT Partners
2-221-2	5866	MINT - Paris	MINT
Spain SUP			
2-031-3	4347	Madrid	COLT TECHNOLOGY SERVICES,S.A. UNIPERSONAL
2-241-2	6026	Barcelona	COLT TECHNOLOGY SERVICES,S.A. UNIPERSONAL
4-235-4	10076		COLT TECHNOLOGY SERVICES,S.A. UNIPERSONAL

ISPC: International Signalling Point Codes.
Codes de points sémaphores internationaux (CPSI).
Códigos de puntos de señalización internacional (CPSI).

**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. 12)

United States ADD

Country/Area	DNIC No.	Name of network to which a DNIC is allocated
1	2	3
ÉTATS-UNIS UNITED STATES ESTADOS UNIDOS	310 0	EMARCONI

See also pages 5 and 6 of the present ITU Operational Bulletin No. 1273 of 1.VIII.2023.