|  |  |  |  |
| --- | --- | --- | --- |
| **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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| 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 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):

|  |  |
| --- | --- |
| *Country*/*geographical area or signalling network* | *SANC* |
| 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 | 310 0 | EMARCONI |
| *UNITED STATES* | 310 1 | PTN-1 Western Union Packet Switching Network |
| ESTADOS UNIDOS | 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 |
|  | 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:

Agency for Data Supply and Infrastructure

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

|  |  |
| --- | --- |
| 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. 87)

**Germany LIR**

| *Country/ Geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| --- | --- | --- | --- |
| 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)

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

***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* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **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 | 310 0 | EMARCONI |
| *UNITED STATES* |  |  |
| ESTADOS UNIDOS |  |  |
|  |  |  |

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