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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 5211Fax: +41 22 730 5853E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR)Tel: +41 22 730 5560Fax: +41 22 730 5785E-mail:** **brmail@itu.int** |

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| 1210 | 15.XII.2020 | 1.XII.2020 |
| 1211 | 1.I.2021 | 11.XII.2020 |

# 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](http://www.itu.int/ITU-T/inr/roa/index.html)

Approval of ITU-T Recommendations

By AAP-73, 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 E.475 (01/2020): Guidelines for intelligent network analytics and diagnostics

– ITU-T G.107.1 (2019) Cor. 1 (01/2020)

– ITU-T G.1034 (01/2020): QoE metrics for mobile telephony communication during rail travel

– ITU-T G.1072 (01/2020): Opinion model predicting gaming QoE for cloud gaming services

– ITU-T L.1210 (12/2019): Sustainable power feeding solutions for 5G networks

– ITU-T L.1470 (01/2020): GHG emissions trajectories for the ICT sector compatible with the UNFCCC Paris Agreement

– ITU-T P.565 (01/2020): Framework for creation and performance testing of machine learning based models for the assessment of transmission network impact on speech quality for mobile packet-switched voice services

– ITU-T P.918 (01/2020): Dimension-based subjective quality evaluation for video content

– ITU-T P.1150 (01/2020): In-Car communication audio specification

– ITU-T P.1204 (01/2020): Video quality assessment of streaming services over reliable transport for resolutions up to 4K

– ITU-T P.1204.3 (01/2020): Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full bitstream information

– ITU-T P.1204.4 (01/2020): Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to full and reduced reference pixel information

– ITU-T P.1204.5 (01/2020): Video quality assessment of streaming services over reliable transport for resolutions up to 4K with access to transport and received pixel information

– ITU-T P.1401 (01/2020): Methods, metrics and procedures for statistical evaluation, qualification and comparison of objective quality prediction models

– ITU-T P.1502 (01/2020): Methodology for QoE testing of digital financial services

– ITU-T Q.3055 (12/2019): Signalling protocol for Heterogeneous IoT gateways

– ITU-T Q.3056 (12/2019): Signalling procedures of the probes to be used for remote testing of network parameters

– ITU-T Q.3644 (12/2019): Requirements for signalling network analyses and optimization in VoLTE

– ITU-T Q.3719 (12/2019): Signalling requirements for the separation of control plane and user plane in vBNG (Broadband Network Gateway)

– ITU-T Q.3916 (12/2019): Signalling requirements and architecture for the Internet service quality monitoring system

– ITU-T Q.5002 (12/2019): Signalling requirement and architecture for media service entity attachment

– ITU-T X.609.8 (12/2019): Managed P2P communications: Management protocol for live data sources

– ITU-T Y.2244 (12/2019): Service model for the Cultivation Plan Service at the pre-production stage

– ITU-T Y.2324 (12/2019): Functional architecture of orchestration in NGNe

– ITU-T Y.2342 (12/2019): Scenarios and Capability Requirements of Blockchain in Next Generation Network Evolution

– ITU-T Y.3108 (12/2019): Capability exposure function in the IMT-2020 networks

– ITU-T Y.3132 (12/2019): Mobility management for fixed mobile convergence in IMT-2020 networks

– ITU-T Y.3133 (12/2019): Capability Exposure enhancement for supporting FMC in IMT-2020 networks

– ITU-T Y.3153 (12/2019): Network slice orchestration and management for providing network services to 3rd party in the IMT-2020 network

– ITU-T Y.3509 (12/2019): Cloud computing - Functional architecture for data storage federation

– ITU-T Y.3524 (12/2019): Cloud computing maturity requirements and framework

– ITU-T Y.3603 (12/2019): Big data - Requirements and conceptual model of metadata for data catalogue

– ITU-T Y.4208 (01/2020): IoT requirements for support of edge computing

– ITU-T Y.4459 (01/2020): An architecture for IoT interoperability

– ITU-T Y.4461 (01/2020): Framework of open data in smart cities

– ITU-T Y.4462 (01/2020): Requirements and functional architecture of open IoT identity correlation service

– ITU-T Y.4463 (01/2020): Framework of delegation service for IoT devices

– ITU-T Y.4464 (01/2020): Framework of blockchain of things as decentralized service platform

– ITU-T Y.4465 (01/2020): Framework of IoT services based on visible light communications

– ITU-T Y.4466 (01/2020): Framework of smart greenhouse service

– ITU-T Y.4467 (01/2020): Minimum set of data structure for automotive emergency response system

– ITU-T Y.4468 (01/2020): Minimum set of data transfer protocol for automotive emergency response system

– ITU-T Y.4807 (01/2020): Agility by design for Telecommunications/ICT Systems Security used in the Internet of Things

Assignment of Signalling Area/Network Codes (SANC)
(Recommendation ITU-T Q.708 (03/1999))

**Note from TSB**

At the request of the Administrations of Burkina Faso and the Republic of Seychelles, 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 (03/1999):

|  |  |
| --- | --- |
| *Country*/*geographical area or signalling network* | *SANC* |
| Burkina Faso | 6-027 |
| Seychelles (Republic of) | 6-155 |

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

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

**Denmark (country code +45)**

Communication of 9.I.2020:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

* Withdrawal – Carrier select code

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Supertel A/S | 1020 | 2.XII.2019 |

* Withdrawal – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Supertel A/S | 70303fgh, 7087efgh, 7088efgh, 7089efgh, 7871efgh, 7872efgh, 7873efgh, 7874efgh, 7875efgh, 7876efgh, 7877efgh, 7878efgh and 7879efgh | 2.XII.2019 |

* Withdrawal – Freephone numbers

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Supertel A/S | 80705fgh, 8083efgh, 80901fgh and 809900gh | 2.XII.2019 |

* Withdrawal – Premium rate

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Supertel A/S | 901010gh 901090gh, 901111gh, 90515fgh, 909900gh, 909910gh and 909911gh | 2.XII.2019 |

* Assignment – Carrier select code

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| GlobalConnect A/S | 1020 | 3.XII.2019 |

* Assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| GlobalConnect A/S | 70303fgh, 7087efgh, 7088efgh, 7089efgh, 7871efgh, 7872efgh, 7873efgh, 7874efgh, 7875efgh, 7876efgh, 7877efgh, 7878efgh and 7879efgh | 3.XII.2019 |

* Assignment – Freephone numbers

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| GlobalConnect A/S | 80705fgh, 8083efgh, 80901fgh and 809900gh | 3.XII.2019 |

* Assignment – Premium rate

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| GlobalConnect A/S | 901010gh 901090gh, 901111gh, 90515fgh, 909900gh, 909910gh and 909911gh | 3.XII.2019 |

Contact:

Danish Energy Agency

43 Carsten Niebuhrs Gade

1577 COPENHAGEN V

Denmark

Tel: +45 33 92 67 00
Fax: +45 33 11 47 43
E-mail: ens@ens.dk
URL: www.ens.dk

**French Polynesia (country code +689)**

Communication of 2.I.2020:

The *Direction générale de l’économie numérique (DGEN)*, Papeete, announces the following update to the numbering plan for French Polynesia.

Closed plan at 8 digits

A – PSTN/ISDN network:

| **Service** | **Type** | **Area** | **Numbers AB PQ MC DU** | **Tests numbers** |
| --- | --- | --- | --- | --- |
| Fixed | PSTN/ISDN | Windward Islands | 40 4Q MC DU |  |
| Fixed | PSTN/ISDN | Windward Islands | 40 5Q MC DU |  |
| Fixed | PSTN/ISDN | Windward Islands | 40 8Q MC DU |  |
| Payphones **(1)** | PSTN/ISDN | French Polynesia | 40 88 MC DU |  |
| Fixed | PSTN/ISDN | Leeward Islands | 40 6Q MC DU |  |
| Fixed | PSTN/ISDN | Remote islands | 40 9Q MC DU |  |
| Voice servers **(2)** | PSTN/ISDN | Windward Islands | 44 MC DU |  |
| Fixed | ToIP | French Polynesia | 49 4Q MC DU | 49 40 06 00 |
| Fixed | ToIP | French Polynesia | 49 5Q MC DU | 49 50 06 00 |
| Fixed | ToIP | French Polynesia | 49 6Q MC DU | 49 60 06 00 |
| Fixed | ToIP | French Polynesia | 49 8Q MC DU | 49 80 06 00 |
| ViniBox | ToIP | French Polynesia | 49 9Q MC DU |  |

B – Mobile network **(3)**:

| **Service** | **Type** | **Area** | **Numbers AB PQ MC DU** |
| --- | --- | --- | --- |
| Postpaid/prepaid VINI | GSM / UMTS | French Polynesia | 87 PQ MC DU |
| MSRN VINI | GSM / UMTS | French Polynesia | 87 41 1C DU |
| Postpaid/prepaid PMT/VODAFONE | GSM / UMTS | French Polynesia | 89 PQ MC DU |
| MSRN PMT/VODAFONE | GSM / UMTS | French Polynesia | 89 41 1C DU |
| Postpaid/prepaid VITI | GSM / UMTS | French Polynesia | 88 PQ MC DU |
| MSRN VITI | GSM / UMTS | French Polynesia | 88 41 1C DU |

Important note:

1. All collect calls to payphones has to be blocked by the originating country carrier.
2. All calls to the following numbers 44 XX XX has to be blocked by the originating country carrier.
These numbers are reserved for AUDIOTEXT.
3. All collect calls to GSM/UMTS/LTE VOICE mobile numbers has to be blocked by the originating country carrier.
All other type of calls has to be authorized by the originating country carrier to all GSM/UMTS/LTE VOICE mobile number ranges.
Any collect calls received on these numbers will not be included in the international repayments.

Contacts:

Direction générale de l’économie numérique (DGEN)

Immeuble TORIKI

rue Dumont d’Urville

98714 Papeete

TAHITI

French Polynesia

Tél: +689 40 54 48 60

E-mail: contact@dgen.gov.pf

URL: www.service-public.pf/dgen/

ONATi S.A.S. DETM-DED

Mr William KIMCHOU

Tel: +689 40 41 46 72

Fax: +689 40 45 25 00

E-mail: william.kimchou@onati.pf

For tests:

Mr Beky TUIAIHO

Tel: +689 40 41 42 40

GSM: +689 87 77 00 76

E-mail: beky.tuiaiho@onati.pf

**Guinea (country code +224)**

Communication of 8.I.2020:

The *Autorité de Régulation des Postes et Télécommunications (ARPT)*, Conakry, announces the following update to the national numbering plan for Guinea.

Pursuant to Article 94 of Law N°/2015/018/AN on telecommunications and information technologies in the Republic of Guinea, the Posts and Telecommunications Regulatory Authority (ARPT) is the entity responsible for establishing and managing the national numbering plan. These are scarce resources, and are managed in an objective, transparent and non-discriminatory manner.

The national numbering plan resource is understood to comprise all numbers used to identify the fixed and mobile termination points in electronic communication networks and services, route calls, and access resources internal to networks. It corresponds to a segment of the global numbering plan (Recommendation ITU-T E.164).

A. Allocation of national numbering plan

The national numbering plan is updated regularly as part of structuring the numbering system and allowing it to evolve over time.

The Republic of Guinea’s numbering plan is a closed nine-digit plan, as reflected in the table below.

*NATIONAL NUMBERING PLAN (NNP)*

| **SERVICES** | **PQ** | **RESOURCE CODE** | **SEGMENT**  |
| --- | --- | --- | --- |
| **FREEPHONE NUMBERS FOR SPECIAL SERVICES** | 11 | **11x** | 11x (x from 0 to 9) |
| 12 | **12x** | 12x |
| 13 |  | 13x |
| … | …. | … |
| 19 | **19x** | 19x |
|  |  |  |  |
| **GSM MOBILE SERVICES** | **20** | **20** | 200 000 000 - 200 999 999 |
| **…** | **…** | …. |
| **29** | **29** | 290 000 000 - 290 999 999 |
|  |  |  |
| **60** | **600 to 609** | 600 000 000 - 600 999 999 to 609 000 000 - 609 999 999 |
| **61** | **610 to 619** | 610 000 000 - 610 999 999 to 619 000 000 - 619 999 999 |
| **…** | **…** | … |
| **69** |  | 690 000 000 - 690 999 999 to 690 000 000 - 699 999 999 |
| **FIXED NUMBERS** | **30** | **30** | 300 000 000 - 309  999 999 |
| **…** | **…** | **…** |
| **39** | **39** | 390 000 000 - 390  999 999 |
|  |  |  |  |
| **NEXT GENERATION NUMBERS** | **50** | **50** | 500 000 000 - 509 999 999 |
| **…** | **…** | **…** |
| **79** | **79** | 790 000 000 - 799 999 999 |
|  |  |  |  |
| **VALUE-ADDED SERVICES** | **80** | **80xx** | 80xx (xx from 0 to 9) |
| **81** | **81xx** | 81xx |
| **…** | **…** | … |
| **89** | **89xx** |  |
|  |  |  |  |
| **SPARE FREE NUMBERS** | **40** | **40** | 400 000 000 - 400 999 999 |
| **…** | **…** |  |
| **99** | **99** | 990 000 000 - 990 999 999 |

B. Updated allocation of numbering resources to mobile telephone operators

| Mobile telephone operator | PQ | Resource code | Segment |
| --- | --- | --- | --- |
| CELLCOM | 65 | 653 | 653 000 000 – 653 999 999 |
| 654 | 654 000 000 – 654 999 999 |
| 655 | 655 000 000 – 655 999 999 |
| 656 | 656 000 000 – 656 999 999 |
| 657 | 657 000 000 – 657 999 999 |
| MTN | 66 | 660 | 660 000 000 – 660 999 999 |
| 661 | 661 000 000 – 661 999 999 |
| 662 | 662 000 000 – 662 999 999 |
| 664 | 664 000 000 – 664 999 999 |
| 666 | 666 000 000 – 666 999 999 |
| 668 | 668 000 000 – 668 999 999 |
| ORANGE | 62 | 620 | 620 000 000 – 620 999 999 |
| 621 | 621 000 000 – 621 999 999 |
| 622 | 622 000 000 – 622 999 999 |
| 623 | 623 000 000 – 623 999 999 |
| 624 | 624 000 000 – 624 999 999 |
| 625 | 625 000 000 – 625 999 999 |
| 626 | 626 000 000 – 626 999 999 |
| 627 | 627 000 000 – 627 999 999 |
| 628 | 628 000 000 – 628 999 999 |
| 629 | 629 000 000 – 629 999 999 |

Contact:

Autorité de Régulation des Postes et Télécommunications (ARPT)

BP: 1500

CONAKRY

Guinea

Tel: +224 657 66 66 31

E-mail: contact@arpt.gov.gn

URL: www.arpt.gov.gn

**Trinidad and Tobago (country code +1 868)**

Communication of 8.I.2020:

The *Telecommunications Authority of Trinidad and Tobago (TATT),* Barataria, announces that the following Central Office codes (CO) have been assigned to an operator in Trinidad and Tobago.

* Mobile network

|  |  |  |
| --- | --- | --- |
| *Name of operator* | *Central office code*  | *Service* |
| Digicel Trinidad and Tobago Limited | 265 | Mobile |

Contact:

Ms Cynthia Reddock-Downes

Chief Executive Officer (Ag)

Telecommunications Authority of Trinidad and Tobago (TATT)

5, Eight Avenue Extension, off Twelfth Street

BARATARIA

Trinidad and Tobago

Tel: +1 868 675 8288

Fax: +1 868 674 1055

E-mail: info@tatt.org.tt

URL: www.tatt.org.tt

**Other communication**

**Serbia**

Communication of 27.XII.2019:

On the occasion of the jubilee of the foundation of the Amateur Radio Union "Nikola Tesla" from Leskovac, the Serbian Administration authorizes radio stations of the Amateur Radio Union "Nikola Tesla" to use the special call sign **YU70HFG** from 1 January to 31 December 2020.

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. 21)

**Austria ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Austria | **Citycom Telekommunikation GmbH**Gadollaplatz 18010 GRAZ | **89 43 25** | Bernd StockingerGadollaplatz 18010 GRAZTel: +43 316 887 6211Fax: +43 316 887 6212E-mail: bernd.stockinger@citycom-austria.com | 1.III.2020 |

**Germany ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Germany | **Workz Technology GmbH**Konrad-Zuse-Platz 581829 MUNCHEN | **89 49 39** | Benedikt LeistenKonrad-Zuse-Platz 581829 MUNCHENTel: +49 89 3090977 0Fax: +49 89 3090977 99E-mail: accounting-de@workz.com | 1.I.2020 |

**Palau ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Palau | **Palau Mobile Communications Inc.**P.O. Box 401461KOROR, PW 96940 | **89 680 99** | Billy TakamineP.O. Box 401461KOROR, PW 96940Tel: +680 4881189E-mail: info@pmci.pw | 1.III.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. 25)

|  |  |  |
| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC*** \* | ***Operator/Network*** |
| **Australia ADD** |  |  |
| 505 48 | Titan ICT Pty Ltd |
| **Spain ADD** |  |  |
| 214 37 | VODAFONE ESPAÑA, S.A.U. |

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

\* 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. 91)

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

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

|  |  |  |
| --- | --- | --- |
| New Fiber Networks GmbHGontardstrasse 11D-10178 BERLIN | **LYTENF** | Mr Rolf TreschTel.: +49 800 6008100Email: info@lyte.net |

|  |  |  |
| --- | --- | --- |
| 1N Telecom GmbHPrinzenallee 740549 DUESSELDORF | **1NTE** | Mr Philipp HoffmannTel: +49 211 73511000E-mail: phoffmann@1n.de |

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

|  |  |  |
| --- | --- | --- |
| 1N Telecom GmbHPrinzenallee 740549 DUESSELDORF | **DEU1N** | Mr Philipp HoffmannE-mail: p.hoffmann@1n.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. 9)

|  |
| --- |
| **Numerical order ADD** |
|  | 6-027 | Burkina Faso |
|  | 6-155 | Seychelles (Republic of) |

|  |
| --- |
| **Alphabetical order ADD** |
|  | 6-027 | Burkina Faso |
|  | 6-155 | Seychelles (Republic of) |

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

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. 68)

|  |  |  |
| --- | --- | --- |
| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Burkina Faso ADD** |
| 6-026-0 | 12496 | ZAD | ONATEL S.A. |
| 6-026-1 | 12497 | CTI\_JLC | ONATEL S.A. |
| 6-026-2 | 12498 | OUMSS1 | ORANGE BURKINA FASO SA |
| 6-026-3 | 12499 | OUMSC01 | TELECEL FASO |
| **Seychelles ADD** |
| 6-067-4 | 12828 | HLR1 | Intelvision Ltd |
| 6-067-5 | 12829 | HLR2 | Intelvision Ltd |
| 6-067-6 | 12830 | MSC1 | Intelvision Ltd |
| 6-067-7 | 12831 | MSC2 | Intelvision Ltd |
| **Spain SUP** |
| 2-031-2 | 4346 | Madrid | ADENET SYSTEMS, S.L. |

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

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

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Azerbaijan | +994 |
| Colombia | +57 |
| Morocco | +212 |
| Palau | +680 |