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| **ITU Operational Bulletinwww.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 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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| 1160 | 15.XI.2018 | 1.XI.2018 |
| 1161 | 1.XII.2018 | 15.XI.2018 |
| 1162 | 15.XII.2018 | 30.XI.2018 |

# 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.

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)

1111 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 1 November 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

1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)

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

1055 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 July 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))

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

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

**Note from TSB**

At the request of the Administration of Singapore, 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* |
| Singapore (Republic of) | 5-145 |
|  |  |

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

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 20.XII.2017:

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

* assignment – M2M communication

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Telenor A/S | 37100130ijkl, 37100131ijkl, 37100132ijkl, 37100133ijk, 37100134ijk, 37100135ijk, 37100136ijk, 37100137ijk, 37100138ijk and 37100139ijk | 13.XII.2017 |

* assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Benemen Oy | 35522fgh | 13.XII.2017 |

* withdrawal – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of withdrawal* |
| Tel42 ApS | 93754fgh, 93755fgh, 9370efgh | 20.XII.2017 |

* assignment – Mobile communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Greenwave Mobile IoT ApS | 93754fgh, 93755fgh, 9370efgh | 20.XII.2017 |
| Greenwave Mobile IoT ApS | 93751fgh, 93752fgh, 93753fgh, 93756fgh, 93757fgh, 93758fgh, 93759fgh and 9777efgh | 1.I.2018 |

Contact:

 Danish Energy Agency
Amaliegade 44
1256 COPENHAGEN K
Denmark
Tel: +45 33 92 67 00
Fax: +45 33 11 47 43
E-mail: ens@ens.dk
URL: www.ens.dk

**Kenya** **(country code +254)**

Communication of 11.XII.2017:

The *Communications Authority of Kenya (CA)*, Nairobi, announces the following update to the National Numbering Plan of Kenya.

***Description of introduction of new resource for national E.164 numbering plan for Kenya
(country code 254)***

| *NDC (national destination code) or leading digits of N(S)N (national (significant) number)* | *N(S)N number length* | *Usage of E.164 number* | *Time and date of introduction* |
| --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 20 NDC with Leading Digits 30(+254 20 30) | 9 | 9 | Geographical number for fixed telephony services – Airtel Networks Kenya Ltd | 2 October 2017 |
| 20 NDC with Leading Digits 310(+254 20 310) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 41 NDC with Leading Digits 4000(+254 41 4000) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 41 NDC with Leading Digits 650(+254 41 650) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 51 NDC with Leading Digits 3100(+254 51 3100) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 52 NDC with Leading Digits 3000(+254 52 3000) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 57 NDC with Leading Digits 3000(+254 57 3000) | 9 | 9 | Geographical number for fixed telephony services – Jamii telecommunications Ltd | 2 October 2017 |
| 20 NDC with Leading Digits 32(+254 20 32) | 9 | 9 | Geographical number for fixed telephony services – Telkom Kenya Ltd | 2 October 2017 |
| 44 NDC with Leading Digits 344(+254 44 344) | 9 | 9 | Geographical number for fixed telephony services – Telkom Kenya Ltd | 2 October 2017 |
| 54 NDC with Leading Digits 202(+254 54 202) | 9 | 9 | Geographical number for fixed telephony services – Telkom Kenya Ltd | 2 October 2017 |
| 56 NDC with Leading Digits 200(+254 56 200) | 9 | 9 | Geographical number for fixed telephony services – Telkom Kenya Ltd | 2 October 2017 |
| 779 (NDC) | 9 | 9 | Telkom Kenya Limited | 2 October 2017 |
| 778 (NDC) | 9 | 9 | Telkom Kenya Limited | 2 October 2017 |
| 744 (NDC) | 9 | 9 | Homeland Media Group Limited | 3 April 2017 |
| 740 (NDC) | 9 | 9 | Safaricom Limited | 18 July 2017 |
| 741 (NDC) | 9 | 9 | Safaricom Limited | 18 July 2017 |
| 742 (NDC) | 9 | 9 | Safaricom Limited | 18 July 2017 |
| 743 (NDC) | 9 | 9 | Safaricom Limited | 29 September 2017 |
| 746 (NDC) | 9 | 9 | Safaricom Limited | 2 October 2017 |
| 748 (NDC) | 9 | 9 | Safaricom Limited | 3 October 2017 |

Contact:

 Mr Peter Nyongesa
Communications Authority of Kenya
Waiyaki Way, Nairobi.
P.O. Box 14448
NAIROBI 00800
Kenya
Tel: +254 20 4242000/+254 703 042000
E-mail: nyongesa@ca.go.ke; info@ca.go.ke
URL: www.ca.go.ke

**Kuwait** **(country code +965)**

Communication of 25.XII.2017:

The *Ministry of Communications*, Safat, announces the national numbering plan of Kuwait.

I. Fixed network subscribers ranges operated by Ministry of Communications:

Note: The range 18XX XXX is maximum 10 digits with the country code

|  |  |
| --- | --- |
| SN. | SUBSCRIBERS RANGES |
| 1 | 1800 000 – 1899 999 |
| 2 | 2200 0000 – 2299 9999 |
| 3 | 2300 0000 – 2399 9999 |
| 4 | 2410 0000 – 2439 9999 |
| 5 | 2450 0000 – 2499 9999 |
| 6 | 244 44400 – 244 44499 |
| 7 | 2500 0000 – 2500 9999 |
| 8 | 2503 0000 – 2504 9999 |
| 9 | 2520 0000 – 2549 9999 |
| 10 | 2551 0000 – 2553 9999 |
| 11 | 2560 0000 – 2569 9999 |
| 12 | 2571 0000 – 2577 9999 |

II. Mobile network subscriber ranges operated by mobile operator, OOREDOO Telecom:

|  |  |
| --- | --- |
| SN. | SUBSCRIBERS RANGES |
| 1 | 6000 0000 – 6009 9999 |
| 2 | 6030 0000 – 6039 9999 |
| 3 | 6040 0000 – 6049 9999 |
| 4 | 6060 0000 – 6069 9999 |
| 5 | 6070 0000 – 6079 9999 |
| 6 | 6090 0000 – 6099 9999 |
| 7 | 6222 0000 – 6222 9999 |
| 8 | 6500 0000 – 6500 9999 |
| 9 | 6501 0000 – 6502 9999 |
| 10 | 6503 0000 – 6503 9999 |
| 11 | 6504 0000 – 6504 9999 |
| 12 | 6505 0000 – 6509 9999 |
| 13 | 6510 0000 – 6519 9999 |
| 14 | 6550 0000 – 6550 9999 |
| 15 | 6551 0000 – 6551 9999 |
| 16 | 6552 0000 – 6552 9999 |
| 17 | 6553 0000 – 6553 9999 |
| 18 | 6554 0000 – 6559 9999 |
| 19 | 6560 0000 – 6569 9999 |
| 20 | 6570 0000 – 6570 9999 |
| 21 | 6571 0000 – 6577 9999 |
| 22 | 6578 0000 – 6579 9999 |
| 23 | 6580 0000 – 6599 9999 |
| 24 | 6600 0000 – 6699 9999 |
| 25 | 6700 0000 – 6701 9999 |
| 26 | 6703 0000 – 6709 9999 |
| 27 | 6760 0000 – 6769 9999 |
| 28 | 6770 0000 – 6776 9999 |
| 29 | 6778 0000 – 6779 9999 |
| 30 | 6777 0000 – 6777 9999 |
| 31 | 6900 0000 – 6909 9999 |
| 32 | 6960 0000 – 6969 9999 |
| 33 | 6990 0000 – 6999 9999 |
| 34 | 6930 0000 – 6930 9999 |
| 35 | 6933 0000 – 6933 9999 |
| 36 | 6939 0000 – 6939 9999 |

III. Mobile network subscriber ranges operated by mobile operator, ZAIN:

|  |  |
| --- | --- |
| SN. | SUBSCRIBERS RANGES |
| 1 | 9000 0000 – 9009 9999 |
| 2 | 9090 0000 – 9099 9999 |
| 3 | 9110 0000 – 9110 9999 |
| 4 | 9111 0000 – 9111 9999 |
| 5 | 9220 0000 - 9229 9999 |
| 6 | 9400 0000 – 9409 9999 |
| 7 | 9440 0000 – 9449 9999 |
| 8 | 9410 0000 – 9419 9999 |
| 9 | 9470 0000 – 9479 9999 |
| 10 | 9490 0000 – 9499 9999 |
| 11 | 9550 0000 – 9559 9999 |
| 12 | 9600 0000 – 9609 9999 |
| 13 | 9660 0000 – 9660 9999 |
| 14 | 9690 0000 – 9699 9999 |
| 15 | 9670 0000 – 9679 9999 |
| 16 | 9702 0000 – 9702 9999 |
| 17 | 9710 0000 – 9769 9999 |
| 18 | 9770 0000 – 9779 9999 |
| 19 | 9780 0000 – 9799 9999 |
| 20 | 9870 0000 – 9879 9999 |
| 21 | 9800 0000 – 9809 9999 |
| 22 | 9850 0000 – 9859 9999 |
| 23 | 9880 0000 – 9889 9999 |
| 24 | 9900 0000 – 9999 9999 |

Note: The highlighted ranges defined at the International Gateways are new for Zain mobile operators.

IV. Mobile network subscriber ranges operated by mobile operator, VIVA:

|  |  |
| --- | --- |
| SN. | SUBSCRIBERS RANGES |
| 1 | 5000 0000 – 5009 9999 |
| 2 | 501 00000 – 501 99999 |
| 3 | 502 00000 - 502 99999 |
| 4 | 503 00000 – 503 99999 |
| 5 | 504 00000 – 504 99999 |
| 6 | 505 00000 – 505 99999 |
| 7 | 506 00000 – 506 99999 |
| 8 | 5070 0000 – 5070 0000 |
| 9 | 508 00000 - 508 99999 |
| 10 | 509 00000 – 509 99999 |
| 11 | 550 00000 – 559 99999 |
| 12 | 510 00000 – 5109 9999 |
| 13 | 511 00000 – 511 99999 |
| 14 | 512 00000 – 512 99999 |
| 15 | 513 00000 – 513 99999 |
| 16 | 514 00000 – 514 99999 |
| 17 | 515 00000 – 515 99999 |
| 18 | 516 00000 – 516 99999 |
| 19 | 517 00000 – 517 99999 |
| 20 | 522 20000 – 522 29999 |
| 21 | 525 20000 – 525 29999 |
| 22 | 525 50000 – 525 59999 |
| 23 | 565 00000 – 565 99999 |
| 24 | 566 00000 – 566 99999 |

The 3-digit fixed network subscriber numbers (100-179), operated by Ministry of Communications, will remain unchanged.

Contact:

 International Gateways (IGWS)
Ministry of Communications
P.O. Box 318
11111 SAFAT
Kuwait
Tel: +965 2241 6565/ +965 2246 6621
Fax: +965 2245 9797
E-mail: igws@moc.gov.kw

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) |  |  |

Call – Back
and alternative calling procedures (Res. 21 Rev. PP – 2006)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

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# 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 ITU-T Recommendation E.118 (05/2006))
(Position on 15 November 2015)

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 33)

**Greenland LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Greenland | **TELE Greenland A/S**Postboks 1002Farip Aqqutaa 8DK-3900 NUUK | **89 299 01** | Mr Tom Andersen Postboks 1002DK-3900 NUUKTel: +299 386325E-mail: tba@telepost.gl |

**Italy ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective date of usage* |
| Italy | **FASTWEB S.P.A.**Via Caracciolo n.5120155 MILAN | **89 39 08** | Ms Laura NavarraFASTWEB S.P.A.Piazzale Luigi Sturzo 2300144 ROMETel: +39 0650860812E-mail: laura.navarra@fastweb.it | 1.I.2018 |

**Mauritius LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Mauritius | **Mauritius Telecom Ltd**18th Floor, Telecom TowerEdith Cavell StreetPORT LOUIS | **89 230 01** | Manvendra Singh18th Floor, Telecom TowerEdith Cavell StreetPORT LOUISTel: +230 2037000Fax: +230 2081070E-mail: ceo@telecom.mu |

**Mauritius LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| Mauritius | **Emtel Ltd**10 Ebène CybercityEbène 72201PORT LOUIS | **89 230 02** | Mr Rajvardhan Singh Bhullar10 Ebène CybercityEbène 72201PORT LOUISTel: +230 5 729 54 00Fax: +230 454 10 10E-mail: emtel@emtel.com |

**Sweden LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/**geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Sweden | **CLX Networks AB**Lindhagensgatan 74SE-112 18 STOCKHOLM | **89 46 11** | Hanna JohannessonLindhagensgatan 74SE-112 18 STOCKHOLMTel: +46 76 831 48 48E-mail: hanna.johannesson@clxcommunications.com |
| Sweden | **Com4 Sweden AB**c/o Adv. firman Lindberg & Saxon AB Cardellgatan 1SE-114 36 STOCKHOLM | **89 46 09** | Henning Solbergc/o Adv. firman Lindberg & Saxon AB Cardellgatan 1SE-114 36 STOCKHOLMTel: +47 94049404Fax: +47 94049405E-mail: hso@com4.se |
| Sweden | **GlobeTouch AB**Box 5126SE-102 43 STOCKHOLM | **89 46 27** | James SnyderGlobeTouch Inc555 12th Street #910OAKLAND CA 94607 USATel: +1 408-474-0991E-mail: gt.regulatory@globetouch.com |
| Sweden | **Götalandsnätet AB**Box 33SE-461 21 TROLLHATTAN | **89 46 05** | Per FryknerBox 33SE-461 21 TROLLHATTANTel: +46 520 50 05 80Fax: +46 520 50 05 89E-mail: per.frykner@gotanet.se |
| Sweden | **Hi3G Access AB**Lindhagensgatan 98SE-112 18 STOCKHOLM | **89 46 07** | Edwin TumukundeLindhagensgatan 98SE-112 18 STOCKHOLMTel: +4673 533 81 88E-mail: interconnect@tre.se |
| Sweden | **Netett Sverige AB**Åsögatan 108SE-118 29 STOCKHOLM | **89 46 03** | Mr Peter BorgforsÅsögatan 108SE-118 29 STOCKHOLMTel: +46 8 755 59 84E-mail: peter.borgfors@net1.se |

**Sweden LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| Sweden | **Rebtel Networks AB**Jakobsbergsgatan 16SE-111 44 STOCKHOLM | **89 46 31** | Johan DahlqvistJakobsbergsgatan 16SE-111 44 STOCKHOLMTel: +46 70 097 57 97E-mail: johan.dahlqvist@rebtel.com |
| Sweden | **Tele2 Sverige AB**Box 62SE-164 94 KISTA | **89 46 10** | Carl-Johan RydénBox 62SE-164 94 KISTATel: +46 70 426 41 33E-mail: carljohan.ryden@tele2.com |
| Sweden | **Tele2 Sverige AB**Box 62SE-164 94 KISTA | **89 46 20** | Carl-Johan RydénBox 62SE-164 94 KISTATel: +46 70 426 41 33E-mail: carljohan.ryden@tele2.com |
| Sweden | **Tele2 Sverige AB**Box 62SE-164 94 KISTA | **89 46 70** | Carl-Johan RydénBox 62SE-164 94 KISTATel: +46 70 426 41 33E-mail: carljohan.ryden@tele2.com |
| Sweden | **Tele2 Sverige AB**Box 62SE-164 94 KISTA | **89 46 71** | Carl-Johan RydénBox 62SE-164 94 KISTATel: +46 70 426 41 33E-mail: carljohan.ryden@tele2.com |
| Sweden | **Telenor Sverige AB**SE-116 88 STOCKHOLM | **89 46 08** | Stefan WahlstedtSE-116 88 STOCKHOLMTel +: 46 70 933 55 15E-mail: stefan.wahlstedt@telenor.se |
| Sweden | **Telia Sverige AB**SE-169 94 SOLNA | **89 46 01** | Mr Andreas HoweSE-169 94 SOLNATel: +46 70 300 68 83E-mail: Andreas.howe@teliacompany.com |

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| 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 1st November 2016) |

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| (Annex to ITU Operational Bulletin No. 1111 - 1.XI.2016)(Amendment No.28) |

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|  |  |  |  |  |
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| --- | --- | --- |
| ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** |
| **Denmark SUP** |  |  |
| 238 42 | Brandtel ApS |
| **Denmark ADD** |  |  |
| 238 42 | Greenwave Mobile IoT ApS |
| **Kenya ADD** |  |  |
| 639 01 | Safaricom Limited |
| 639 04 | Mobile Pay Kenya Limited |
| 639 05 | Airtel Networks Kenya Ltd |
| 639 06 | Finserve Africa Limited |
| 639 07 | Telkom Kenya Limited |
| 639 08 | Sema Mobile Services Limited |
| 639 09 | Homeland Media Group Limited |
| 639 10 | Jamii Telecommunications Limited |
| 639 11 | WiAfrica Kenya Limited |
| **Kenya LIR** |  |  |
| 639 03 | Airtel Networks Kenya Ltd |
| **Mali ADD** |  |  |
| 610 02 | Orange Mali Sa |
| 610 03 | ATEL-SA |
| **Switzerland SUP** |  |  |
| 228 59 | Mundio Mobile Limited |

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|  |  |  |  |  |
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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. 55)

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

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

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

|  |  |  |
| --- | --- | --- |
| Gemeindewerke Nümbrecht GmbHSchulstrasse 451588 NUEMBRECHT | **LUZIE** | Mrs Karina TuttliesTel.: +49 2293 9113 14Fax: +49 2293 9113 55E-mail: tuttlies@gwn24.de |

|  |  |  |
| --- | --- | --- |
| telba AGIn der Steele 2340599 DUESSELDORF | **TELBA** | Mr Robin GoldammerTel.: +49 211 9009 6154Fax: +49 211 9985 85156E-mail: rgoldammer@telba.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. 2)

|  |
| --- |
| **Numerical order ADD** |
|  | 5-145 | Singapore (Republic of) |

|  |
| --- |
| **Alphabetical order ADD** |
|  | 5-145 | Singapore (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. 28)

|  |  |  |
| --- | --- | --- |
| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Denmark SUP** |
| 2-079-1 | 4729 |  | Supertel A/S |
| **Estonia ADD** |
| 2-199-3 | 5691 | STP4 | Top Connect OÜ |
| **Finland SUP** |
| 2-089-2 | 4810 | Vantaa (MSCSVA2) | DNA Oy |
| 2-091-5 | 4829 | Espoo (UKKOhki1) | Ukko Mobile Oy |
| 2-091-6 | 4830 | Espoo (UKKOhki2) | Ukko Mobile Oy |
| 2-255-7 | 6143 | Lahti (MSCSLA1) | DNA Oy |
| 4-231-0 | 10040 | Lahti (Alborada) | Alborada Oy |
| **Finland LIR** |
| 2-088-0 | 4800 | Helsinki (HEL1) | Telia Finland Oyj |
| 2-088-1 | 4801 | Helsinki (HEL2) | Telia Finland Oyj |
| 2-088-5 | 4805 | Helsinki (HLS-SIGW1 TSIC) | Telia Finland Oyj |
| 2-088-6 | 4806 | Helsinki (MGTS) | Telia Finland Oyj |
| 2-089-1 | 4809 | Helsinki (GIWU) | Telia Finland Oyj |
| 2-089-3 | 4811 | Hämeenlinna (HML1 Surpass MGC) | Telia Finland Oyj |
| 2-089-4 | 4812 | Helsinki (HMG02 TSIC) | Telia Finland Oyj |
| 2-089-5 | 4813 | Lahti (MSCSLA5, MSC) | DNA Oyj |
| 2-089-6 | 4814 | Lahti (STPLA1, STP-keskus) | DNA Oyj |
| 2-089-7 | 4815 | Hyvinkää (KOE10 Surpass) | Telia Finland Oyj |
| 2-090-2 | 4818 | Helsinki (STPHE2, STP-keskus) | DNA Oyj |
| 2-090-7 | 4823 | Helsinki (SMS02HKP) | Telia Finland Oyj |
| 2-091-0 | 4824 | Tampere (SMS03TRE) | Telia Finland Oyj |
| 2-091-2 | 4826 | Vantaa (MY1) | DNA Oyj |
| 2-091-3 | 4827 | Vantaa (MY2) | DNA Oyj |
| 2-254-0 | 6128 | Helsinki (HKISTP4) | Telia Finland Oyj |
| 2-254-1 | 6129 | Helsinki (SMS01HKI) | Telia Finland Oyj |
| 2-254-5 | 6133 | Tampere (TRESTP5) | Telia Finland Oyj |
| 2-254-7 | 6135 | MSCSHE6, MSC, Helsinki | DNA Oyj |
| 2-255-3 | 6139 | Lahti (MGLAH05, MediaGateway) | DNA Oyj |
| 2-255-5 | 6141 | Helsinki (MGHEL06, MediaGateway) | DNA Oyj |

|  |  |  |
| --- | --- | --- |
| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Kenya ADD** |
| 6-079-2 | 12922 | Nairobi | WiAfrica Kenya Limited |
| **Kenya LIR** |
| 6-078-0 | 12912 | Milimani | Telkom Kenya Limited |
| 6-078-1 | 12913 | Westlands | Telkom Kenya Limited |
| 6-078-2 | 12914 | Westlands | Safaricom Limited |
| 6-078-4 | 12916 | Kasarani | Safaricom Limited |
| 6-078-5 | 12917 | Extelcoms | Telkom Kenya Limited |
| 6-079-0 | 12920 | Nairobi | Airtel Networks Kenya Limited |
| 6-079-1 | 12921 | Nairobi | Airtel Networks Kenya Limited |
| **Norway SUP** |
| 2-085-1 | 4777 | Oslo 1 | Teletopia Gruppen AS |
| 2-085-2 | 4778 | Oslo 2 | Teletopia Gruppen AS |
| 2-087-0 | 4792 | MSC JBV-nett | Jernbaneverket |
| 7-240-3 | 16259 | Oslo MobileNorway | Mobile Norway AS |
| **Norway LIR** |
| 2-084-0 | 4768 | Eik GW1 | Marlink Enterprise AS |
| 2-084-1 | 4769 | Eik GW2 | Marlink Enterprise AS |
| 2-084-2 | 4770 | Oslo1 | Telia Norge AS |
| 2-085-0 | 4776 | Oslo MSC 1 | Telenor Global Services AS |
| 2-085-3 | 4779 | Oslo G MSC | Telenor Global Services AS |
| 2-085-4 | 4780 | Oslo Network Norway | Telia Norge AS |
| 2-085-6 | 4782 | Oslo | Phonero AS |
| 2-085-7 | 4783 | Oslo2 | Telia Norge AS |
| 2-086-0 | 4784 | Oslo Netc1 MSC | Telia Norge AS |
| 2-086-1 | 4785 | Oslo Netc4 MSC | Telia Norge AS |
| 2-086-4 | 4788 | Kvantel 1 | Kvantel AS |
| 2-086-5 | 4789 | NOOSLULV89 | Telia Norge AS |
| 2-087-1 | 4793 | NOOSLOKE121 | Telia Norge AS |
| 2-087-4 | 4796 | NIT-GW1 | Marlink Enterprise AS |
| 2-087-5 | 4797 | Eik MSC 1 | Telenor Maritime AS |
| 2-087-7 | 4799 | Gri CDMA MSC | Telenor Maritime AS |
| 7-231-0 | 16184 | HMG9-MSS01 | Phonero AS |
| 7-231-1 | 16185 | HMG9-MGW01 | Phonero AS |
| 7-231-2 | 16186 | SIG14-MSS02 | Phonero AS |

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| *Country/ Geographical Area* | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| 7-231-3 | 16187 | SIG14-MGW02 | Phonero AS |
| 7-231-4 | 16188 | MSC-S Marienborg | Bane NOR SF |
| 7-231-5 | 16189 | MSC-S Dora | Bane NOR SF |
| 7-231-6 | 16190 | MGW Marienborg | Bane NOR SF |
| 7-231-7 | 16191 | MGW Dora | Bane NOR SF |
| 7-240-0 | 16256 | Telio1 | NextGenTel AS |
| 7-240-6 | 16262 | OXIA (MSS) | Telia Norge AS |
| 7-240-7 | 16263 | OXIB (MGW) | Telia Norge AS |
| **Switzerland ADD** |
| 7-228-5 | 16165 | Zürich\_1 | Telecom26 AG |
| 7-228-6 | 16166 | Zürich\_2 | Telecom26 AG |
| **Zimbabwe ADD** |
| 6-095-3 | 13051 | HRE-ZTE-MSC1-2 | NetOne Cellular (Pvt) ltd |

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 15.XII.2017, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Palau | +680 |
| Trinidad and Tobago | +1 868 |