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| 1145 | 1.IV.2018 | 16.III.2018 |
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| 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)

Approval of ITU-T Recommendations

By AAP-27, 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 M.3071 (01/2018): Cloud-based network management functional architecture

– ITU-T X.760 (01/2018): The measurement framework for the statistical indicators of website traffic

– ITU-T Q.1912.5 (01/2018): Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control protocol or ISDN User Part

– ITU-T Q.3640 (01/2018): Framework of interconnection of VoLTE/ViLTE-based networks

– ITU-T Q.3714 (01/2018): Signalling requirements of SDN-based access networks with media independent management capabilities

– ITU-T Q.3715 (01/2018): Signalling requirements for dynamic bandwidth adjustment on demand on broadband network gateway implemented by software-defined networking technologies

– ITU-T Q.3716 (01/2018): Signalling Requirements for Mapping between Physical and Virtual Networks

– ITU-T Q.3740 (01/2018): Signalling Requirements for SDN and NFV based Central Office services

– ITU-T Q.3914 (01/2018): Set of parameters of cloud computing for monitoring

– ITU-T Q.3940 (01/2018): NGN/IMS interconnection tests between network operators at the IMS 'Ic' interface and NGN NNI / SIP-I

– ITU-T Q.3952 (01/2018): The architecture and facilities of Model network for IoT testing

– ITU-T Q.3953 (01/2018): VoLTE/ViLTE interconnection testing for interworking and roaming scenarios

– ITU-T Q.4016 (01/2018): Testing specification of call establishment procedures based on SIP/SDP and ITU‑T H.248 for a real-time fax over IP service

– ITU-T Q.4041.1 (01/2018): Cloud computing infrastructure capabilities interoperability testing - part 1: Interoperability testing between CSC and CSP

– ITU-T X.609.4 (01/2018): Managed P2P communications: Multimedia streaming peer protocol

– ITU-T X.609.5 (01/2018): Managed P2P communications: Multimedia streaming overlay management protocol

– ITU-T I.570 (01/2018): Public/private ISDN interworking

– ITU-T K.35 (01/2018): Bonding configurations and earthing at remote electronic sites

– ITU-T K.40 (01/2018): Protection against LEMP in telecommunications centres

– ITU-T K.50 (01/2018): Safe limits for operating voltages and currents of telecommunication systems powered over the network

– ITU-T K.52 (01/2018): Guidance on complying with limits for human exposure to electromagnetic fields

– ITU-T K.61 (01/2018): Guidance on measurement and numerical prediction of electromagnetic fields for compliance with human exposure limits for telecommunication installations

– ITU-T K.70 (01/2018): Mitigation techniques to limit human exposure to EMFs in the vicinity of radiocommunication stations

– ITU-T K.91 (01/2018): Guidance for assessment, evaluation and monitoring of human exposure to radio frequency electromagnetic fields

– ITU-T K.100 (01/2018): Measurement of radio frequency electromagnetic fields to determine compliance with human exposure limits when a base station is put into service

– ITU-T K.128 (01/2018): Surge protective component application guide - metal oxide varistor (MOV) components

– ITU-T K.129 (01/2018): Characteristics and ratings of silicon PN junction voltage clamping components used for the protection of telecommunications installations

– ITU-T K.130 (01/2018): Neutron irradiation test methods for telecommunications equipment

– ITU-T K.131 (01/2018)

– ITU-T K.132 (01/2018): EMC requirements of electromagnetic disturbances from lighting equipment located in telecommunication facilities

– ITU-T K.133 (01/2018): Electromagnetic (EM) environment of body worn equipment in the 2.4 GHz and 13.56MHz industrial, scientific and medical band

– ITU-T L.1020 (01/2018): Circular Economy: Guide for Operators and Suppliers on approaches to migrate towards circular ICT goods and networks

– ITU-T L.1332 (01/2018): Total network infrastructure Energy efficiency metrics

– ITU-T L.1505 (01/2018): Use of ICT in the adaptation of the Fisheries Sector to the Effects of Climate Change

– ITU-T L.1506 (01/2018): Framework of climate change risk assessment for telecommunication and electrical facilities

– ITU-T M.1400 (2015) Amd. 1 (01/2018): Addition of new function codes for optical networks beyond 100 Gb/s

– ITU-T Y.2255 (01/2018): Voice and Video Call Continuity over LTE, Wi-Fi and 2G/3G

– ITU-T Y.2322 (01/2018): The functional architecture of VCNMO (Virtualized Control Network entities Management and Orchestration) in NGN evolution

– ITU-T Y.2618 (01/2018): M interface in Public packet Telecommunication Data Network (PTDN)

– ITU-T Y.3053 (01/2018): Framework of trustworthy networking with trust-centric network domains

– ITU-T Y.3101 (01/2018)

– ITU-T Y.3130 (01/2018): Requirements of IMT-2020 fixed mobile convergence

– ITU-T Y.3150 (01/2018): High level technical characteristics of network softwarization for IMT-2020

– ITU-T Y.3650 (01/2018): Framework of big data driven networking

– ITU-T Y.4500.1 (01/2018): oneM2M- Functional Architecture

Telephone Service  
(Recommendation ITU-T E.164)

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

**Denmark** **(country code +45)**

Communication of 5.I.2018:

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

• assignment – Fixed communication services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Dialoga Servicios Interactivos, S.A | 32443fgh | 4.I.2018 |

• withdrawal – Fixed communication services

| *Provider* | *Numbering series* | *Date of withdrawal* |
| --- | --- | --- |
| TDC A/S | 1000-serie: | 31.XII.2017 |
|  | |  | | --- | | 36352fgh | | 36354fgh | | 36356fgh | | 36357fgh | | 36358fgh | | 39764fgh | | 39765fgh | | 39767fgh | | 39768fgh | | 39769fgh | | 43615fgh | | 43616fgh | | 43617fgh | | 43618fgh | | 43619fgh | | 45415fgh | | 45416fgh | | 45417fgh | | 45418fgh | | 45419fgh | | 46164fgh | | 46166fgh | | 46167fgh | | 46168fgh | | 46169fgh | | 46735fgh | | 46736fgh | | 46737fgh | | 46738fgh | | 46739fgh | | 46745fgh | | 46746fgh | | 46747fgh | | 46748fgh | | 46749fgh | | 47514fgh | | 47515fgh | | 47516fgh | | 47517fgh | | 47518fgh | | 48304fgh | | 48306fgh | | 48307fgh | | 48308fgh | | 48309fgh | | 48462fgh | | 48463fgh | | 48464fgh | | 48468fgh | | 48469fgh | | 49120fgh | | 49123fgh | | 49124fgh | | 49128fgh | | 49129fgh | | 49171fgh | | 49172fgh | | 49173fgh | | 49178fgh | | 49179fgh | | 49195fgh | | 49196fgh | | 49197fgh | | 49198fgh | | 49199fgh | | 49272fgh | | 49273fgh | | 49274fgh | | 49275fgh | | 49276fgh | | 49712fgh | | 49713fgh | | 49714fgh | | 49715fgh | | 49716fgh | | 54450fgh | | 54452fgh | | 54455fgh | | 54458fgh | | 54459fgh | | 54612fgh | | 54613fgh | | 54614fgh | | 54618fgh | | 54619fgh | | 54632fgh | | 54633fgh | | 54634fgh | | 54635fgh | | 54636fgh | | 54692fgh | | 54695fgh | | 54697fgh | | 54698fgh | | 54699fgh | | 54714fgh | | 54716fgh | | 54717fgh | | 54718fgh | | 54719fgh | | 54750fgh | | 54751fgh | | 54752fgh | | 54753fgh | | 54754fgh | | 54810fgh | | 54811fgh | | 54812fgh | | 54813fgh | | 54814fgh | | 55435fgh | | 55436fgh | | 55437fgh | | 55438fgh | | 55439fgh | | 55560fgh | | 55566fgh | | 55567fgh | | 55568fgh | | 55569fgh | | 55710fgh | | 55712fgh | | 55714fgh | | 55715fgh | | 55716fgh | | 55820fgh | | 55821fgh | | 55822fgh | | 55828fgh | | 55829fgh | | 56340fgh | | 56341fgh | | 56342fgh | | 56343fgh | | 56344fgh | | 56700fgh | | 56701fgh | | 56702fgh | | 56703fgh | | 56704fgh | | 56781fgh | | 56782fgh | | 56783fgh | | 56784fgh | | 56786fgh | | 56860fgh | | 56863fgh | | 56864fgh | | 56866fgh | | 56867fgh | | 56874fgh | | 56875fgh | | 56876fgh | | 56877fgh | | 56878fgh | | 56915fgh | | 56916fgh | | 56917fgh | | 56918fgh | | 56919fgh | | 57602fgh | | 57604fgh | | 57606fgh | | 57607fgh | | 57609fgh | | 57841fgh | | 57842fgh | | 57843fgh | | 57846fgh | | 57847fgh | | 57881fgh | | 57882fgh | | 57883fgh | | 57884fgh | | 57885fgh | | 58180fgh | | 58181fgh | | 58182fgh | | 58183fgh | | 58187fgh | | 58201fgh | | 58202fgh | | 58203fgh | | 58204fgh | | 58205fgh | | 58220fgh | | 58221fgh | | 58222fgh | | 58223fgh | | 58224fgh | | 58244fgh | | 58246fgh | | 58247fgh | | 58248fgh | | 58249fgh | | 58354fgh | | 58355fgh | | 58357fgh | | 58358fgh | | 58359fgh | | 58364fgh | | 58366fgh | | 58367fgh | | 58368fgh | | 58369fgh | | 59250fgh | | 59252fgh | | 59254fgh | | 59255fgh | | 59259fgh | | 59300fgh | | 59301fgh | | 59307fgh | | 59308fgh | | 59309fgh | | 59662fgh | | 59663fgh | | 59664fgh | | 59667fgh | | 59669fgh | | 62260fgh | | 62266fgh | | 62267fgh | | 62268fgh | | 62269fgh | | 62510fgh | | 62516fgh | | 62517fgh | | 62518fgh | | 62519fgh | | 62600fgh | | 62603fgh | | 62604fgh | | 62605fgh | | 62606fgh | | 64710fgh | | 64716fgh | | 64717fgh | | 64718fgh | | 64719fgh | | 65200fgh | | 65203fgh | | 65205fgh | | 65208fgh | | 65209fgh | | 65320fgh | | 65326fgh | | 65327fgh | | 65328fgh | | 65329fgh | | 65373fgh | | 65374fgh | | 65377fgh | | 65378fgh | | 65379fgh | | 65422fgh | | 65423fgh | | 65426fgh | | 65427fgh | | 65429fgh | | 65430fgh | | 65435fgh | | 65436fgh | | 65438fgh | | 65439fgh | | 65450fgh | | 65451fgh | | 65453fgh | | 65454fgh | | 65459fgh | | 66195fgh | | 66196fgh | | 66197fgh | | 66198fgh | | 66199fgh | | 73204fgh | | 73205fgh | | 73206fgh | | 73208fgh | | 73209fgh | | 73740fgh | | 73741fgh | | 73746fgh | | 73748fgh | | 73749fgh | | 73760fgh | | 73763fgh | | 73764fgh | | 73765fgh | | 73769fgh | | 73840fgh | | 73843fgh | | 73844fgh | | 73847fgh | | 73849fgh | | 74180fgh | | 74185fgh | | 74186fgh | | 74188fgh | | 74189fgh | | 74312fgh | | 74316fgh | | 74317fgh | | 74318fgh | | 74319fgh | | 74475fgh | | 74476fgh | | 74477fgh | | 74478fgh | | 74479fgh | | 74480fgh | | 74481fgh | | 74482fgh | | 74483fgh | | 74484fgh | | 75262fgh | | 75263fgh | | 75265fgh | | 75266fgh | | 75268fgh | | 75281fgh | | 75283fgh | | 75284fgh | | 75285fgh | | 75286fgh | | 75390fgh | | 75394fgh | | 75395fgh | | 75397fgh | | 75399fgh | | 75430fgh | | 75434fgh | | 75436fgh | | 75438fgh | | 75439fgh | | 75692fgh | | 75696fgh | | 75697fgh | | 75698fgh | | 75699fgh | | 75874fgh | | 75875fgh | | 75877fgh | | 75878fgh | | 75879fgh | | 76351fgh | | 76352fgh | | 76357fgh | | 76358fgh | | 76359fgh | | 76872fgh | | 76874fgh | | 76876fgh | | 76877fgh | | 76878fgh | | 79200fgh | | 79205fgh | | 79206fgh | | 79208fgh | | 79209fgh | | 79230fgh | | 79235fgh | | 79237fgh | | 79238fgh | | 79239fgh | | 79244fgh | | 79245fgh | | 79246fgh | | 79248fgh | | 79249fgh | | 79310fgh | | 79312fgh | | 79314fgh | | 79318fgh | | 79319fgh | | 79382fgh | | 79385fgh | | 79386fgh | | 79387fgh | | 79388fgh | | 79400fgh | | 79401fgh | | 79402fgh | | 79403fgh | | 79407fgh | | 79710fgh | | 79712fgh | | 79713fgh | | 79714fgh | | 79719fgh | | 79720fgh | | 79721fgh | | 79723fgh | | 79728fgh | | 79729fgh | | 79961fgh | | 79964fgh | | 79967fgh | | 79968fgh | | 79969fgh | | 86455fgh | | 86456fgh | | 86457fgh | | 86458fgh | | 86459fgh | | 86490fgh | | 86493fgh | | 86498fgh | | 86499fgh | | 86594fgh | | 86595fgh | | 86597fgh | | 86598fgh | | 86599fgh | | 86604fgh | | 86605fgh | | 86606fgh | | 86607fgh | | 86894fgh | | 86895fgh | | 86896fgh | | 86897fgh | | 86899fgh | | 86913fgh | | 86916fgh | | 86917fgh | | 86918fgh | | 86919fgh | | 87590fgh | | 87593fgh | | 87595fgh | | 87598fgh | | 87599fgh | | 87670fgh | | 87671fgh | | 87672fgh | | 87673fgh | | 87676fgh | | 87683fgh | | 87685fgh | | 87687fgh | | 87688fgh | | 87689fgh | | 87690fgh | | 87691fgh | | 87692fgh | | 87694fgh | | 87697fgh | | 87771fgh | | 87772fgh | | 87775fgh | | 87777fgh | | 87778fgh | | 87805fgh | | 87806fgh | | 87807fgh | | 87808fgh | | 87809fgh | | 87952fgh | | 87953fgh | | 87954fgh | | 87956fgh | | 87957fgh | | 87980fgh | | 87984fgh | | 87986fgh | | 87987fgh | | 87988fgh | | 89194fgh | | 89195fgh | | 89196fgh | | 89198fgh | | 89199fgh | | 89220fgh | | 89221fgh | | 89226fgh | | 89227fgh | | 89229fgh | | 89261fgh | | 89263fgh | | 89265fgh | | 89268fgh | | 89269fgh | | 89270fgh | | 89271fgh | | 89277fgh | | 89278fgh | | 89279fgh | | 89460fgh | | 89461fgh | | 89466fgh | | 89467fgh | | 89469fgh | | 89590fgh | | 89596fgh | | 89597fgh | | 89598fgh | | 89599fgh | | 96122fgh | | 96124fgh | | 96125fgh | | 96128fgh | | 96129fgh | | 96150fgh | | 96156fgh | | 96157fgh | | 96158fgh | | 96159fgh | | 96381fgh | | 96382fgh | | 96384fgh | | 96387fgh | | 96388fgh | | 96390fgh | | 96392fgh | | 96393fgh | | 96394fgh | | 96395fgh | | 96521fgh | | 96523fgh | | 96524fgh | | 96526fgh | | 96527fgh | | 96590fgh | | 96596fgh | | 96597fgh | | 96598fgh | | 96599fgh | | 96620fgh | | 96621fgh | | 96623fgh | | 96624fgh | | 96628fgh | | 96762fgh | | 96765fgh | | 96766fgh | | 96767fgh | | 96769fgh | | 96770fgh | | 96772fgh | | 96773fgh | | 96777fgh | | 96778fgh | | 96804fgh | | 96805fgh | | 96806fgh | | 96807fgh | | 96809fgh | | 96993fgh | | 96994fgh | | 96997fgh | | 96998fgh | | 96999fgh | | 97130fgh | | 97134fgh | | 97135fgh | | 97138fgh | | 97139fgh | | 97170fgh | | 97174fgh | | 97176fgh | | 97177fgh | | 97179fgh | | 97310fgh | | 97314fgh | | 97317fgh | | 97318fgh | | 97319fgh | | 97340fgh | | 97344fgh | | 97345fgh | | 97347fgh | | 97349fgh | | 97355fgh | | 97356fgh | | 97357fgh | | 97358fgh | | 97415fgh | | 97416fgh | | 97417fgh | | 97418fgh | | 97480fgh | | 97483fgh | | 97486fgh | | 97488fgh | | 97489fgh | | 97743fgh | | 97745fgh | | 97747fgh | | 97748fgh | | 97749fgh | | 97870fgh | | 97873fgh | | 97874fgh | | 97876fgh | | 97877fgh | | 97950fgh | | 97954fgh | | 97955fgh | | 97957fgh | | 97958fgh | | 97964fgh | | 97966fgh | | 97967fgh | | 97968fgh | | 97969fgh | | 97992fgh | | 97994fgh | | 97996fgh | | 97998fgh | | 97999fgh | | 98280fgh | | 98285fgh | | 98287fgh | | 98288fgh | | 98289fgh | | 98390fgh | | 98394fgh | | 98395fgh | | 98397fgh | | 98399fgh | | 98400fgh | | 98403fgh | | 98404fgh | | 98405fgh | | 98406fgh | | 98560fgh | | 98563fgh | | 98564fgh | | 98567fgh | | 98568fgh | | 98700fgh | | 98701fgh | | 98702fgh | | 98707fgh | | 98708fgh | | 98840fgh | | 98845fgh | | 98846fgh | | 98848fgh | | 98849fgh | | 98853fgh | | 98855fgh | | 98856fgh | | 98858fgh | | 98859fgh | | 98950fgh | | 98953fgh | | 98955fgh | | 98957fgh | | 98959fgh | | 99110fgh | | 99112fgh | | 99114fgh | | 99115fgh | | 99119fgh | | 99170fgh | | 99175fgh | | 99176fgh | | 99178fgh | | 99179fgh | | 99220fgh | | 99226fgh | | 99227fgh | | 99228fgh | | 99229fgh | | 99233fgh | | 99236fgh | | 99237fgh | | 99238fgh | | 99239fgh | |  |

CORRIGENDUM\* - Communication of 19.I.2018:

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, 37100133ijkl, 37100134ijkl, 37100135ijkl, 37100136ijkl, 37100137ijkl, 37100138ijkl and 37100139ijkl | 13.XII.2017 |

\* This announcement cancels and replaces that published in ITU Operational Bulletin No. 1140 of 15.I.2018, page 5, M2M communication for Telenor A/S.

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Fax: +45 33 11 47 43  
E-mail: ens@ens.dk   
URL: [www.ens.dk](http://www.ens.dk)

**Hungary** **(country code +36)**

Communication of 10.I.2018:

The *National Media and Infocommunications Authority,* Budapest*,* announces the updated E.164 National Numbering Plan (NNP) for Hungary (country code +36).

***Description of deletion of resource for national E.164 numbering plan for Hungary  
(country code +36)***

|  |  |  |
| --- | --- | --- |
| *NDC (National Destination Code)* | *Usage of E.164 Number* | *Time and date of deletion* |
| 40 | Non-geographic number: Freephone service (national) | 31.XII.2017 |

***Presentation of E.164 National Numbering Plan (NNP) for Hungary  
(country code +36)***

(a) Overview:

Minimum number length (excluding country code): eight (8) digits.  
 Maximum number length (excluding country code): twelve (12) digits.

(b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan:

NMIAH Assignment of Communication Identifiers:  
 <http://english.nmhh.hu/stakeholders/identifier-management/identifier-registry>

(c) Link to the real-time database reflecting ported ITU-T E.164 numbers:

Phone number ported status: <http://krapub.nmhh.hu/?lang=en>

(d) Detail of numbering scheme:

| *NDC (National Destination Code)* | *N(S)N number length* | | *Usage of E.164 Number* | *Additional information* |
| --- | --- | --- | --- | --- |
| *Maximum length* | *Minimum length* |
| 1 | 8 | 8 | Geographic number | Area code for Budapest |
| 20 | 9 | 9 | Non-geographic number | Mobile |
| 21 | 9 | 9 | Non-geographic number | Nomadic telephone service |
| 22 | 8 | 8 | Geographic number | Area code for Székesfehérvár |
| 23 | 8 | 8 | Geographic number | Area code for Biatorbágy |
| 24 | 8 | 8 | Geographic number | Area code for Szigetszentmiklós |
| 25 | 8 | 8 | Geographic number | Area code for Dunaújváros |
| 26 | 8 | 8 | Geographic number | Area code for Szentendre |
| 27 | 8 | 8 | Geographic number | Area code for Vác |
| 28 | 8 | 8 | Geographic number | Area code for Gödöllő |
| 29 | 8 | 8 | Geographic number | Area code for Monor |
| 30 | 9 | 9 | Non-geographic number | Mobile |
| 31 | 9 | 9 | Non-geographic number | Mobile |
| 32 | 8 | 8 | Geographic number | Area code for Salgótarján |
| 33 | 8 | 8 | Geographic number | Area code for Esztergom |
| 34 | 8 | 8 | Geographic number | Area code for Tatabánya |
| 35 | 8 | 8 | Geographic number | Area code for Balassagyarmat |
| 36 | 8 | 8 | Geographic number | Area code for Eger |
| 37 | 8 | 8 | Geographic number | Area code for Gyöngyös |
| 38 | 9 | 9 | Non-geographic number | Corporate networks |
| 39 | – | – | – |  |
| 40 | – | – | – |  |
| 41 | – | – | – |  |
| 42 | 8 | 8 | Geographic number | Area code for Nyíregyháza |
| 43 | – | – | – |  |
| 44 | 8 | 8 | Geographic number | Area code for Mátészalka |
| 45 | 8 | 8 | Geographic number | Area code for Kisvárda |
| 46 | 8 | 8 | Geographic number | Area code for Miskolc |
| 47 | 8 | 8 | Geographic number | Area code for Szerencs |
| 48 | 8 | 8 | Geographic number | Area code for Ózd |
| 49 | 8 | 8 | Geographic number | Area code for Mezőkövesd |
| 50 | 9 | 9 | Non-geographic number | Mobile |
| 51 | 8 | 8 | Non-geographic number | Internet dial-up services |
| 52 | 8 | 8 | Geographic number | Area code for Debrecen |
| 53 | 8 | 8 | Geographic number | Area code for Cegléd |
| 54 | 8 | 8 | Geographic number | Area code for Berettyóújfalu |
| 55 | 8 | 8 | Geographic number | Test number |
| 56 | 8 | 8 | Geographic number | Area code for Szolnok |
| 57 | 8 | 8 | Geographic number | Area code for Jászberény |
| 58 | – | – | – |  |
| 59 | 8 | 8 | Geographic number | Area code for Karcag |
| 60 | – | – | – |  |
| 61 | – | – | – |  |
| 62 | 8 | 8 | Geographic number | Area code for Szeged |
| 63 | 8 | 8 | Geographic number | Area code for Szentes |
| 64 | – | – | – |  |
| 65 | – | – | – |  |
| 66 | 8 | 8 | Geographic number | Area code for Békéscsaba |
| 67 | – | – | – |  |
| 68 | 8 | 8 | Geographic number | Area code for Orosháza |
| 69 | 8 | 8 | Geographic number | Area code for Mohács |
| 70 | 9 | 9 | Non-geographic number | Mobile |
| 71 | 12 | 12 | Non-geographic number | M2M |
| 72 | 8 | 8 | Geographic number | Area code for Pécs |
| 73 | 8 | 8 | Geographic number | Area code for Szigetvár |
| 74 | 8 | 8 | Geographic number | Area code for Szekszárd |
| 75 | 8 | 8 | Geographic number | Area code for Paks |
| 76 | 8 | 8 | Geographic number | Area code for Kecskemét |
| 77 | 8 | 8 | Geographic number | Area code for Kiskunhalas |
| 78 | 8 | 8 | Geographic number | Area code for Kiskőrös |
| 79 | 8 | 8 | Geographic number | Area code for Baja |
| 80 | 8 | 8 | Non-geographic number | Freephone service (national) |
| 81 | – | – | – |  |
| 82 | 8 | 8 | Geographic number | Area code for Kaposvár |
| 83 | 8 | 8 | Geographic number | Area code for Keszthely |
| 84 | 8 | 8 | Geographic number | Area code for Siófok |
| 85 | 8 | 8 | Geographic number | Area code for Marcali |
| 86 | – | – | – |  |
| 87 | 8 | 8 | Geographic number | Area code for Tapolca |
| 88 | 8 | 8 | Geographic number | Area code for Veszprém |
| 89 | 8 | 8 | Geographic number | Area code for Pápa |
| 90 | 8 | 8 | Non-geographic number | Premium-rate service (adult) |
| 91 | 8 | 8 | Non-geographic number | Premium-rate service |
| 92 | 8 | 8 | Geographic number | Area code for Zalaegerszeg |
| 93 | 8 | 8 | Geographic number | Area code for Nagykanizsa |
| 94 | 8 | 8 | Geographic number | Area code for Szombathely |
| 95 | 8 | 8 | Geographic number | Area code for Sárvár |
| 96 | 8 | 8 | Geographic number | Area code for Győr |
| 97 | – | – | – |  |
| 98 | – | – | – |  |
| 99 | 8 | 8 | Geographic number | Area code for Sopron |

Contact:

Mr Tamás Puss

National Media and Infocommunications Authority, Hungary

Visegrádi utca 106.

1133 Budapest

Hungary

Tel: +36 1 468 0666

Fax: +36 1 468 0690

E-mail: puss.tamas@nmhh.hu / numbering@nmhh.hu

URL: [www.nmhh.hu](http://www.nmhh.hu)

**Sierra Leone** **(country code +232)**

Communication of 22.I.2018:

The *National Telecommunications Commission (NATCOM),* Freetown, announces the following update to the national numbering plan of Sierra Leone:

**Presentation of national ITU-T E.164 numbering plan   
for country code 232**

a) Overview:

The minimum number length (excluding the country code) is 8 digits.

The maximum number length (excluding the country code) is 8 digits.

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan (if any): n/a

c) Link to the real-time database reflecting ported ITU-T E.164 numbers (if any): n/a

d) Description of introduction of new resource for national E.164 numbering plan for country code 232:

| **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** |
| 75(NDC) | 8 | 8 | Non-geographic number for Orange SL | 10-11-2017-13:00 |

International dialling format: +232 75X XXXXX

Contact:

Mr Abdul Bah

National Telecommunications Commission

3 Regent Road

Hill Station, FREETOWN

Sierra Leone

Tel: +232 88 600 003 or +232 78 333 444

E-mail: abah@natcom.gov.sl

URL: www.natcom.gov.sl

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/

# 

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ADD** | Insert |  | **PAR** | paragraph |
| **COL** | Column |  | **REP** | replace |
| **LIR** | Read |  | **SUP** | Delete |
| **P** | page(s) |  |  |  |

List of Ship Stations and Maritime Mobile   
Service Identity Assignments  
(List V)  
Edition of 2017  
  
Section VI

**SUP**

**SJ02** Director General for the Management of Royal Courts and Government Guest Palaces,

P.O. Box 6350, Riyadh 11132, Saudi Arabia.

Tel: +966 1 4547400, Fax: +966 1 454459, Tlx: 406350.

**SJ03** Ministry of Foreign Affairs, Technical Telecomm. Dept., Riyadh 1124, Saudi Arabia.

Tel: +966 1 4015046, Fax: +966 1 4030670, Tlx: 405000.

Contact Person: Ali Al Kahtani, Manager.

**SJ04** Ministry of Information, Accounting Dept., Riyadh-11171, Saudi Arabia.

Tel: +966 1 4623333, Fax: +966 1 4626313, Tlx: 400 820.

**SJ05** Saudi Arabia Monetary Agency HO., P.O Box 2992, Riyadh - 11169, Saudi Arabia.

Tel: +966 1 4633000, Fax: +966 1 4662400, Tlx: 401 736.

**SJ06** Superintendent NO & SD Communications, Operations Department,

P.O. Box 96, Saudi Aramco, Dahahran-31311, Saudi Arabia.

Tel: +966 3 8766966, Fax: +966 3 8768588, Tlx: 801 220.

**SJ07** Royal Flt. Opns., CC: 971, P.O. Box 167, Jeddah-21231, Saudi Arabia.

Tel: +966 2 6842585, Tlx: 651007 commi sj.

**SJ08** Electronic Application Establishment, P.O. Box 10955, Riyadh 11443, Saudi Arabia.

Tel: +966 1 4650834.

**SJ09** Ministry of Interior, General Director of Telecommunications, P.O. Box 1625,

Riyadh 11441, Saudi Arabia.

Tel: +966 1 4654072, Tlx: 205 205.

**SJ10** National Commercial Bank, P.O. Box 22217, Riyadh 11495, Saudi Arabia.

Tel: +966 1 47878777 (ext. 220), Fax: +966 1 4790032.

Contact Person: Branch Manager.

**SJ11** Ministry of Interior, Frontier Force Marine Affairs Department, Riyadh, Saudi Arabia.

**SJ12** Ministry of Interior, Telecommunications Department, General Director of Frontier  
Force, Riyadh 11135, Saudi Arabia.  
Tel: +966 1 4020222, Fax: +966 1 403 0358, Tlx: 401625.

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. 34)

**Denmark SUP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective  date of cancellation* |
| Denmark | **Telia Sonera A/S**  Ejby Industrivej 135  DK-2600 GLOSTRUP | **89 45 03** | Kim Philip  Ejby Industrivej 135  DK-2600 GLOSTRUP  Tel: +45 35 279200  Fax: +45 43 275499 | 18.IV.2000 |

**Russian Federation SUP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective  date of cancellation* |
| Russian Federation | **Telecom XXI**  6 Proletarskoy Diktatury Square  193124 ST. PETERSBURG | **89 7 193** | Yuri B. Vymorkov  ST. PETERSBURG  Tel: +7 812 329 7447  Fax: +7 812 329 7448 | 30.VI.2005 |

**Switzerland SUP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective  date of cancellation* |
| Switzerland | **Vectone Mobile Limited /**  **Mundio Mobile Limited**  54 Marsh Wall  LONDON E14 9TP  (United Kingdom) | **89 41 28** | Alkesh Dave Mundio Mobile Limited,  54 Marsh Wall,  LONDON E14 9TP  (United Kingdom)  Tel: +44 2035364800 Fax: +44 2070050562 E-mail: legal@mundio.com | 18.XII.2017 |

|  |  |
| --- | --- |
|  |  |
| |  | | --- | | 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) | |  |
|  |  |
| |  | | --- | | (Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)  (Amendment No. 29) | |  |
|  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Australia ADD** |  |  | | 505 43 | Arrow Energy Pty Ltd | | **Canada ADD** |  |  | | 302 420 | A.B.C. Allen Business Communications Ltd. | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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. 56)

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

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

|  |  |  |
| --- | --- | --- |
| cyberways Informationsdienste GmbH  Beim Glaspalast 1  86153 AUGSBURG | **CWAYS** | Mr Jan Baumann  Tel: +49 821 72042 0  Fax: +49 821 72042 42  E-mail: jb@cyberways.net |

|  |  |  |
| --- | --- | --- |
| HT Kommunikation GmbH & Co.KG  Raiffeisenstrasse 5  77704 OBERKIRCH | **HTKOM** | Tel: +49 7802 70407 0  Fax: +49 7802 70407 29  E-mail: portierung@ht-kommunikation.de |

***Switzerland (Confederation of) / CHE* SUP**

|  |  |  |
| --- | --- | --- |
| AAA COMMUNICATION EUROPE AG  Gasometerstrasse 34  8005 ZÜRICH | **ACE** | Mr Allan Barquero  Tel: +41 76 7922495  E-mail: info@acommgroup.com |

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. 29)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Panama ADD** | | | |
| 7-031-0 | 14584 | BTPTY1 | Telecomunicaciones NetUno de Panama SA |
| **Singapore SUP** | | | |
| 5-054-6 | 10678 | Phoenix-Comcentre III | Phoenix Communications Pte Ltd |
| **Singapore LIR** | | | |
| 5-052-0 | 10656 | International standalone STP-2 | Singapore Telecommunications Ltd |
| 5-052-1 | 10657 | East Gateway - Trunk (EGT) | Singapore Telecommunications Ltd |
| 5-141-5 | 11373 | M1-MOC-NGN SG | M1 Limited |
| 5-141-6 | 11374 | M1-MOC-NGN SS | M1 Limited |
| 5-141-7 | 11375 | M1-TMOC2 | M1 Limited |
| 5-142-0 | 11376 | M1-TROC2 | M1 Limited |

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

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](mailto: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.2018, the following countries/geographical areas have updated their national numbering plan on our site:

|  |  |
| --- | --- |
| *Country/ Geographical area* | *Country Code (CC)* |
| Malawi | +265 |