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| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
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| 1100 | 15.V.2016 | 29.IV.2016 |
| 1101 | 1.VI.2016 | 18.V.2016 |
| 1102 | 15.VI.2016 | 1.VI.2016 |
| 1103 | 1.VII.2016 | 17.VI.2016 |
| 1104 | 15.VII.2016 | 1.VII.2016 |
| 1105 | 1.VIII.2016 | 18.VII.2016 |
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| 1107 | 1.IX.2016 | 18.VIII.2016 |
| 1108 | 15.IX.2016 | 1.IX.2016 |
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| 1113 | 1.XII.2016 | 16.XI.2016 |
| 1114 | 15.XII.2016 | 1.XII.2016 |

# 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.

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)

1086 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 October 2015)

1073 Legal time 2015

1067 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2015)

1066 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 December 2014)

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)

1005 List of mobile country or geographical area codes (Complement to ITU‑T Recommendation E.212 (05/2008)) (Position on 1 June 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 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU‑T Recommendation E.164 (11/2010)) (Position on 1 November 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)

972 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommen­dation E.218 (05/2004)) (Position on 15 January 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

Approval of ITU-T Recommendations

By AAP-71, 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 H.222.0 (2014) Amd. 2 (12/2015): Carriage of Layered HEVC

– ITU-T H.222.0 (2014) Amd. 3 (12/2015): Carriage of Green Metadata in MPEG-2 Systems

– ITU-T K.44 (2012) Amd. 2 (12/2015)

– ITU-T K.59 (12/2015): EMC, resistibility and safety requirements and procedures for connection to unbundled cables

– ITU-T K.60 (12/2015): Emission levels and test methods for wireline telecommunication networks to minimize electromagnetic disturbance of radio services

– ITU-T K.67 (12/2015): Expected surges on telecommunications and signalling networks due to lightning

– ITU-T K.110 (12/2015): Lightning protection of the dedicated transformer for radio base station

– ITU-T K.112 (12/2015): Lightning protection, earthing and bonding: practical procedures for radio base station

The International Public Telecommunication Numbering Plan  
(Recommendation ITU-T E.164 (11/2010))

**Note from TSB**

*Identification codes for international networks*

Associated with shared country code 882 for International Networks, the following two-digit identification code has been **withdrawn**.

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Date of withdrawal* |
| Asia Cellular Satellite (AceS) | Garuda Mobile Telecommunication Satellite System | +882 20 | 15.XII.2015 |

Associated with shared country code 883 for international networks, the following four-digit identification code has been **withdrawn**.

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Date of withdrawal* |
| Ellipsat Inc. | Ellipsat Inc. | +883 5140 | 15.XII.2015 |

International Identification Plan for Public Networks and Subscriptions   
(Recommendation ITU-T E.212 (05/2008))

**Note from TSB**

*Identification codes for International Mobile Networks*

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network code (MNC) has been **withdrawn** on 15 December 2015:

| *Network* | *Mobile Country Code (MCC)\* and Mobile Network Code (MNC)\*\** |
| --- | --- |
| Asia Cellular Satellite (AceS) | 901 10 |

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network code (MNC) has been **withdrawn** on 15 December 2015:

| *Network* | *Mobile Country Code (MCC)\* and Mobile Network Code (MNC)\*\** |
| --- | --- |
| ICO Global Communications | 901 01 |

Associated with shared mobile country code 901 (MCC), the following two-digit mobile network code (MNC) has been **assigned** on 1 December 2015:

| *Network* | *Mobile Country Code (MCC)\* and Mobile Network Code (MNC)\*\** |
| --- | --- |
| Zain Kuwait | 901 49 |

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

\* 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

Telephone Service  
(Recommendation ITU-T E.164)

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

**Brazil** **(country code +55)**

Communication of 10.XII.2015:

The *Agência Nacional de Telecomunicações* *(ANATEL)*, Brasilia, announces that the Numbering Plan of mobile services in Brazil will be modified.

The current format of mobile numbers is N8N7N6N5N4N3N2N1 and the first digit which identifies this service is 9, 8, 7 or 6. However, in accordance with Resolution No. 553, issued by the *Agência Nacional de Telecomunicações* *(ANATEL)* on 14 December 2010, there will be the inclusion of a ninth digit in mobile number length and all subscriber numbers will initiate with the digit “9”.

Therefore, mobile numbers will have the following format:   
+55 XX **9**XXXX XXXX (country code, area code and subscriber number).

This change was already implemented in several Area Codes.

In 2016, the Numbering Plan modifications on mobile services in Brazil will be finished by changing the format in **Area Codes 61, 62, 63, 64, 65, 66, 67, 68 and 69** (States of Goiás, Tocantins, Mato Grosso, Mato Grosso do Sul, Acre e Rondônia and Brasília), on **May 29th**, and **Area Codes 41, 42, 43, 44, 45, 46, 47, 48 and 49** (States of Paraná and Santa Catarina) and **Area Codes 51, 53, 54 and 55** (State of Rio Grande do Sul), on **November 6th**.

In addition, ANATEL would like to highlight that this format change will not be applied to mobile radio service numbers nor to fixed switched telephone numbers. Consequently, subscriber numbers for these services will remain eight-digit long.

Brazil’s Area Codes and Numbering Plan for mobile and fixed services:

Table 1 – Mobile Services

| *National Code  (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| --- | --- | --- | --- |
| 11 | São Paulo | 29 July 2012 | 9XXXX XXXX |
| 12 to 19 | São Paulo | 25 August 2013 | 9XXXX XXXX |
| 21, 22, 24 | Rio de Janeiro | 27 October 2013 | 9XXXX XXXX |
| 27, 28 | Espirito Santo | 27 October 2013 | 9XXXX XXXX |
| 31 to 35, 37, 38 | Minas Gerais | 11 October 2015 | 9XXXX XXXX |
| **41 to 46** | **Paraná** | **6 November 2016** | 9XXXX XXXX |
| **47 to 49** | **Santa Catarina** | **6 November 2016** | 9XXXX XXXX |
| **51 to 55** | **Rio Grande do Sul** | **6 November 2016** | 9XXXX XXXX |
| **61** | **Distrito Federal** | **29 May 2016** | 9XXXX XXXX |
| **62 and 64** | **Goiás** | **29 May 2016** | 9XXXX XXXX |
| **63** | **Tocantins** | **29 May 2016** | 9XXXX XXXX |
| **65, 66** | **Mato Grosso** | **29 May 2016** | 9XXXX XXXX |
| **67** | **Mato Grosso do Sul** | **29 May 2016** | 9XXXX XXXX |
| **68** | **Acre** | **29 May 2016** | 9XXXX XXXX |
| **69** | **Rondônia** | **29 May 2016** | 9XXXX XXXX |
| 71, 73, 74, 75, 77, 79 | Bahia | 11 October 2015 | 9XXXX XXXX |
| 79 | Sergipe | 11 October 2015 | 9XXXX XXXX |
| 81, 89 | Pernambuco | 31 May 2015 | 9XXXX XXXX |
| 82 | Alagoas | 31 May 2015 | 9XXXX XXXX |
| 83 | Paraiba | 31 May 2015 | 9XXXX XXXX |
| 84 | Rio Grande do Norte | 31 May 2015 | 9XXXX XXXX |
| 85, 88 | Ceará | 31 May 2015 | 9XXXX XXXX |
| 86, 87 | Piauí | 31 May 2015 | 9XXXX XXXX |
| 91, 93, 94 | Pará | 2 November 2014 | 9XXXX XXXX |
| 92, 97 | Amazonas | 2 November 2014 | 9XXXX XXXX |
| 95 | Roraima | 2 November 2014 | 9XXXX XXXX |
| 96 | Amapá | 2 November 2014 | 9XXXX XXXX |
| 98, 99 | Maranhão | 2 November 2014 | 9XXXX XXXX |

Table 2 – Mobile Radio Services

| *National Code  (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| --- | --- | --- | --- |
| 11 | São Paulo | Not applicable | 7XXX XXXX |
| 12 to 19 | São Paulo | Not applicable | 7XXX XXXX |
| 21, 22, 24 | Rio de Janeiro | Not applicable | 7XXX XXXX |
| 27, 28 | Espirito Santo | Not applicable | 7XXX XXXX |
| 31 to 35, 37, 38 | Minas Gerais | Not applicable | 7XXX XXXX |
| 41 to 46 | Paraná | Not applicable | 7XXX XXXX |
| 47 to 49 | Santa Catarina | Not applicable | 7XXX XXXX |
| 51 to 55 | Rio Grande do Sul | Not applicable | 7XXX XXXX |
| 61 | Distrito Federal | Not applicable | 7XXX XXXX |
| 62 and 64 | Goiás | Not applicable | 7XXX XXXX |
| 63 | Tocantins | Not applicable | 7XXX XXXX |
| 65, 66 | Mato Grosso | Not applicable | 7XXX XXXX |
| 67 | Mato Grosso do Sul | Not applicable | 7XXX XXXX |
| 68 | Acre | Not applicable | 7XXX XXXX |
| 69 | Rondônia | Not applicable | 7XXX XXXX |
| 71, 73, 74, 75, 77, 79 | Bahia | Not applicable | 7XXX XXXX |
| 79 | Sergipe | Not applicable | 7XXX XXXX |
| 81, 89 | Pernambuco | Not applicable | 7XXX XXXX |
| 82 | Alagoas | Not applicable | 7XXX XXXX |
| 83 | Paraiba | Not applicable | 7XXX XXXX |
| 84 | Rio Grande do Norte | Not applicable | 7XXX XXXX |
| 85, 88 | Ceará | Not applicable | 7XXX XXXX |
| 86, 87 | Piauí | Not applicable | 7XXX XXXX |
| 91, 93, 94 | Pará | Not applicable | 7XXX XXXX |
| 92, 97 | Amazonas | Not applicable | 7XXX XXXX |
| 95 | Roraima | Not applicable | 7XXX XXXX |
| 96 | Amapá | Not applicable | 7XXX XXXX |
| 98, 99 | Maranhão | Not applicable | 7XXX XXXX |

Table 3 – Fixed Services

| *National Code  (Area Code)* | *State* | *Migration date* | *Subscriber Number* |
| --- | --- | --- | --- |
| 11 | São Paulo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 12 to 19 | São Paulo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 21, 22, 24 | Rio de Janeiro | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 27, 28 | Espirito Santo | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 31 to 35, 37, 38 | Minas Gerais | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 41 to 46 | Paraná | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 47 to 49 | Santa Catarina | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 51 to55 | Rio Grande do Sul | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 61 | Distrito Federal | Not applicable | XXXXXXXX (first digit 2, 3 , 4 or 5) |
| 62 and 64 | Goiás | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 63 | Tocantins | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 65, 66 | Mato Grosso | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 67 | Mato Grosso do Sul | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 68 | Acre | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 69 | Rondônia | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 71, 73, 74, 75, 77, 79 | Bahia | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 79 | Sergipe | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 81, 89 | Pernambuco | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 82 | Alagoas | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 83 | Paraiba | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 84 | Rio Grande do Norte | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 85, 88 | Ceará | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 86, 87 | Piauí | Not applicable | XXXX XXXX (firstdigit 2, 3 , 4 or 5) |
| 91, 93, 94 | Pará | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 92, 97 | Amazonas | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 95 | Roraima | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 96 | Amapá | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |
| 98, 99 | Maranhão | Not applicable | XXXX XXXX (first digit 2, 3 , 4 or 5) |

Contact:

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Agência Nacional de Telecomunicações (ANATEL)  
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Tel: +55 61 2312 2026  
URL: [www.anatel.gov.br](http://www.anatel.gov.br)

**Tokelau** **(country code +690)**

Communication of 6.XII.2015:

*Zeatel Ltd,* on behalf of *Tokelau Telecommunications Corporation (Teletok)*, Tokelau, announces the national numbering plan of Tokelau.

* Minimum number length (excluding the country code): three (3) digits.
* Maximum number length (excluding the country code): seven (7) digits.

The table below includes only those number groups that can be dialled from outside New Zealand.

This update of the dialling plan is dated 27 November 2015.

Numbering Plan – Tokelau

Country Code ‘690’

| *(1)* | *(2)* | | *(3)* | *(4)* |
| --- | --- | --- | --- | --- |
| *NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)* | *N(S)N number length* | | *Usage of  ITU-T E.164 Number* | *Additional  information* |
| *Maximum  length* | *Minimum length* |
| 00 | 2 | 2 | International Access  Code for ISD |  |
| 01 | 3 | 3 | **Operation Access for International (Demand Enquiries etc.)** |  |
| 02X – 09X | 3 | 3 | Spare |  |
| 12X – 19X | 3 | 3 | Reserve for Special “Dial It”  Services |  |
| 22 | 7 | 4 | Geographic service numbers | Assigned |
| 23 | 7 | 4 | Geographic service numbers | Assigned |
| 24 | 7 | 4 | Geographic service numbers | Assigned |
| 3 | 7 | 4 | Geographic service numbers | Assigned |
| 4 | 7 | 4 | Geographic service numbers | Assigned |
| 5 | 7 | 4 | Non-geographic service numbers | Assigned |
| 6 | 7 | 4 | Non-geographic service numbers | Assigned |
| 72 | 7 | 4 | Non-geographic service numbers | Mobile |
| 73 | 7 | 4 | Non-geographic service numbers | Mobile |
| 74 | 7 | 4 | Non-geographic service numbers | Mobile |
| 8 | 7 | 4 | Non-geographic service numbers | Assigned |
| 9 | 7 | 4 | Non-geographic service numbers | Assigned |

All Administrations are requested to ensure that IDD calls can be made from their national networks to Tokelau numbers.

Contact:

Mr. Tealofi Enosa   
Tokelau Telecommunications Corporation (Teletok)  
Fenuafala, Fakaofo,   
Tokelau  
Tel: +690 3101  
E-mail: [tenosa@teletok.net](mailto:tenosa@teletok.net)  
URL: www.tokelau.org.nz

Changes in Administrations/ROAs and other entities  
or Organizations

**Romania**

Communication of 2.XII.2015:

*Change of name*

The *Ministry for Information Society,* Romania, announces that it has changed its name. It is now called: «*Ministry for Communications and Information Society*».

Ministry for Communications and Information Society  
Bul. Libertatii, 14, Sector 5   
Sector 5  
050706 BUCHAREST  
Romania  
Tel: +40 214001190   
Fax: +40 213114131   
Email: cabinetministru@msinf.ro   
URL: www.msinf.ro

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) |  |  |
| 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 ITU-T Recommendation E.164 assigned Country Codes  
(Complement to Recommendation ITU-T E.164 (11/2010))  
(Position on 1 November 2011)

(Annex to ITU Operational Bulletin No.991 – 1.XI.2011)  
(Amendment No. 14)

**Notes common to Numerical and Alphabetical lists of ITU-T Recommendation E.164 assigned country codes**

Associated with shared country code 882, the following two-digit identification code withdrawal have been made for the international networks of:

**P 17 *Note o)* +882 20 SUP\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Status* |
| Asia Cellular Satellite (AceS) | Garuda Mobile Telecommunication Satellite System | +882 20 | Withdrawn |

Associated with shared country code 883, the following four-digit identification code withdrawal have been made for the international networks of:

**P 18 *Note q)* +883 5140 SUP\***

|  |  |  |  |
| --- | --- | --- | --- |
| *Applicant* | *Network* | *Country Code and  Identification Code* | *Status* |
| Ellipsat Inc. | Ellipsat Inc. | +883 5140 | Withdrawn |

**\*** 15 December 2015

Mobile Network Codes (MNC) for the international identification plan   
for public networks and subscriptions  
(According to Recommendation ITU-T E.212 (05/2008))  
(Position on 15 October 2015)

(Annex to ITU Operational Bulletin No. 1086 - 15.X.2015)

(Amendment No.4 )

***Country/Geographical area*** ***MCC+MNC \**** ***Operator/Network***

**Hungary ADD**

216 03 DIGI Telecommunication Ltd.

**International Mobile, shared code SUP**

901 01 ICO Global Communications

901 10 Asia Cellular Satellite (AceS)

**International Mobile, shared code ADD**

901 49 Zain Kuwait

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

\* 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 ITU-T Recommendation M.1400 (03/2013))   
(Position on 15 September 2014)

(Annex to ITU Operational Bulletin No. 1060 – 15.IX.2014)  
(Amendment No. 19)

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

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

|  |  |  |
| --- | --- | --- |
| ***Germany (Federal Republic of) / DEU*** |  |  |
| epcan GmbH | **DE1EPC** | Mr. Gerd Gevering |
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| 48691 VREDEN |  | Fax: +49 2564 883378 |
|  |  | E-mail: gg@gmx.de |

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

|  |  |  |
| --- | --- | --- |
| ***Germany (Federal Republic of) / DEU*** |  |  |
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| --- | --- | --- |
| ***Germany (Federal Republic of) / DEU*** |  |  |
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List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 January 2015)

(Annex to ITU Operational Bulletin No. 1067 – 1.I.2015)  
(Amendment No. 23)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Japan SUP** | | | |
| 4-081-4 | 8844 | Tokyo1 | T-Systems Japan K.K. |
| 4-081-5 | 8845 | Tokyo2 | T-Systems Japan K.K. |
| **Japan ADD** | | | |
| 4-090-0 | 8912 | sumida-sgw-ag | NTT DOCOMO, INC. |
| 4-090-1 | 8913 | kyoto-sgw-ag | NTT DOCOMO, INC. |
| **Japan LIR** | | | |
| 4-080-3 | 8835 | Tokyo-B | Colt Technology Services Co., Ltd. |
| 4-083-0 | 8856 | Kyoto1 | SoftBank Corp. |
| 4-083-1 | 8857 | Chiba1 | SoftBank Corp. |
| 4-083-2 | 8858 | Chiba2 | SoftBank Corp. |
| 4-083-6 | 8862 | Chiba3 | SoftBank Corp. |
| 4-084-5 | 8869 | Tokyo1 | SoftBank Corp. |
| 4-084-6 | 8870 | Tokyo2 | SoftBank Corp. |
| 4-084-7 | 8871 | Tokyo-A | Colt Technology Services Co., Ltd. |
| 4-085-0 | 8872 | Kyoto2 | SoftBank Corp. |
| 4-085-1 | 8873 | Kyoto3 | SoftBank Corp. |
| 4-085-2 | 8874 | Chiba4 | SoftBank Corp. |
| 4-085-4 | 8876 | Kyoto4 | SoftBank Corp. |
| 4-087-0 | 8888 | Osaka1 | SoftBank Corp. |
| 4-087-1 | 8889 | Osaka2 | SoftBank Corp. |

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ISPC: International Signalling Point Codes.

Codes de points sémaphores internationaux (CPSI).

Códigos de puntos de señalización internacional (CPSI).