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| --- | --- | --- | --- |
| **ITU Operational Bulletin www.itu.int/itu-t/bulletin** | | | |
| No. **1148** | 15.V.2018 | (Information received by 1 May 2018) ISSN 1564-5223 (Online) | |
| Place des Nations CH-1211  Genève 20 (Switzerland)  Tel: +41 22 730 5111  **E-mail: itumail@itu.int** | | **Standardization Bureau (TSB) Tel: +41 22 730 5211 Fax: +41 22 730 5853 E-mail: tsbmail@itu.int / tsbtson@itu.int** | **Radiocommunication Bureau (BR) Tel: +41 22 730 5560 Fax: +41 22 730 5785 E-mail: [brmail@itu.int](mailto:brmail@itu.int)** |

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| 1155 | 1.IX.2018 | 16.VIII.2018 |
| 1156 | 15.IX.2018 | 31.VIII.2018 |
| 1157 | 1.X.2018 | 14.IX.2018 |
| 1158 | 15.X.2018 | 28.IX.2018 |
| 1159 | 1.XI.2018 | 16.X.2018 |
| 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)

**Approval of ITU-T Recommendations**

By AAP-34, 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 Y.4500.4 (03/2018): oneM2M – Service layer core protocol specification

– ITU-T Y.4500.5 (03/2018): oneM2M- Management enablement (OMA)

– ITU-T Y.4500.6 (03/2018): oneM2M Management enablement (BBF)

– ITU-T Y.4500.8 (03/2018): oneM2M- CoAP Protocol Binding

– ITU-T Y.4500.9 (03/2018): oneM2M- HTTP Protocol Binding

– ITU-T Y.4500.10 (03/2018): oneM2M- MQTT Protocol Binding

– ITU-T Y.4500.11 (03/2018): oneM2M- Common Terminology

– ITU-T Y.4500.12 (03/2018): oneM2M Base Ontology

– ITU-T Y.4500.13 (03/2018): oneM2M- Interoperability Testing

– ITU-T Y.4500.14 (03/2018): oneM2M- LwM2M Interworking

– ITU-T Y.4500.15 (03/2018): oneM2M- Testing framework

– ITU-T Y.4500.20 (03/2018): oneM2M- WebSocket Protocol Binding

– ITU-T Y.4500.23 (03/2018): oneM2M-Home Appliances Information Model and Mapping

**Telegram Service   
(ITU-T Recommendation F.32)**

**Ukraine**

Communication of 24.IV.2018:

*Cessation of telegram service*

The *State Service of Special Communications and Information Protection of Ukraine*, Kyiv, announces that the national and international telegram service to and from Ukrtelecom JSC in Ukraine is no longer being provided as of 1 March 2018.

Furthermore, owing to the termination of the national and international telegram service by Ukrtelecom JSC (formerly Ukrainian Telecom) in Ukraine, office codes:

"UXCK/UXCG/UXCV/UXDP/UXDC/UXGR/UXIF/UXHR/UXHS/UXHM/UXKG/UXKM/UXKR/UXKV/UXLK/UXLC/UXLV/UXMR/UXMK/UXOD/UXPL/UXRV/UXSV/UXSF/UXSU/UXTR/UXUG/UXVC/UXYL/UXZP/UXZT/UXKX", used in the telegram retransmission system, have been deleted.

The List of Telegram Destination Indicators, published in accordance with Recommendation ITU-T F.32, will be updated accordingly.

For further information concerning the termination of this telegram service, please contact:

State Service of Special Communications and Information Protection of Ukraine

13 Solomianska Street,

03110 KYIV

Ukraine

Tel: +380 44 281 92 10

Fax: +380 44 226 26 73

E-mail: info@dsszzi.gov.ua

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

\* See present ITU Operational Bulletin No. 1148 of 15.V.2018, page 13.

**Telephone Service  
(Recommendation ITU-T E.164)**

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

**Luxembourg** **(country code +352)**

Communication of 18.IV.2018:

The *Institut Luxembourgeois de Régulation (ILR),* Luxembourg*,* announces the following updates to national numbering plan in Luxembourg related to machine-to-machine (M2M) numbers.

a) Overview for M2M numbers:

The minimum number length (excluding the country code) is 12 digits.

The maximum number length (excluding the country code) is 12 digits.

b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan:   
<https://web.ilr.lu/FR/Professionnels/Communications-electroniques/Numerotation/Numbering-Information-for-international-carriers/Pages/default.aspx>

c) Detail of numbering plan for M2M numbers:

| **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** |
| 6000 | 12 | 12 | M2M | MTX Connect S.à r.l. |
| 6001 | 12 | 12 | M2M | Join Experience S.A. |
| 6002 | 12 | 12 | M2M | Proximus S.A. |
| 6021 | 12 | 12 | M2M | POST Luxembourg |
| 6061 | 12 | 12 | M2M | Orange Communications Luxembourg S.A. |
| 6067 | 12 | 12 | M2M | Bouygues Telecom S.A. |

Contact:

Mr Jérôme Besch  
Institut Luxembourgeois de Régulation (ILR)  
17, rue du Fossé  
2922 Luxembourg  
Luxembourg  
Tel: +352 28 228 228  
Fax: +352 28 228 229  
E-mail: [numerotation@ilr.lu](mailto:numerotation@ilr.lu)  
URL: www.ilr.lu

**Kyrgyzstan** **(country code +996)**

Communication of 25.IV.2018:

The *State Communications Agency under the State Committee of Information Technologies and Communications of Kyrgyz Republic*, Bishkek, announces updates to the national numbering plan of Kyrgyzstan.

Description of introduction of new resource for national E.164 numbering plan for country code 996:

| **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** |
| 22 | 9 | 9 | Non-geographic number – Mobile telephony services  (+996 22 X XXX XXX) | 13 November 2017  (Sky Mobile) |
| 77 | 9 | 9 | Non-geographic number – Mobile telephony services  (+996 77 X XXX XXX) | 20 April 2010  (Sky Mobile) |
| 996 | 9 | 9 | Non-geographic number – Mobile telephony services  (+996 99 6 XXX XXX) | 27 October 2017  (Sky Mobile) |
| 999 | 9 | 9 | Non-geographic number – Mobile telephony services  (+996 99 9 XXX XXX) | 27 October 2017 (Sky Mobile) |

Contacts:

State Communications Agency   
under the State Committee of Information Technologies and Communications of Kyrgyz Republic  
7b, Baytik Baatyr Street  
720005 BISHKEK  
Kyrgyzstan  
Tel: +996 312 541333   
Fax: +996 312 544105   
E-mail: atilenbaev@nas.gov.kg; [nta@infotel.kg](mailto:nta@infotel.kg)  
URL: http://world.nas.gov.kg/index.php?option=com\_content&view=article&id=70&Itemid=165 &lang=ru

Sky Mobile LLC  
Roaming and interconnect department  
E-mail: roaming@beeline.kg

**Niue** **(country code +683)**

Communication of 25.IV.2018:

*Telecom Niue*, Alofi, announces the following updated Numbering Plan for Niue, as from 1 May 2018.

| *Assignment* | *Country  Code* | *Telephone Number* | *Status* |
| --- | --- | --- | --- |
| Operator Assistance | 683 | 010 | Active |
| Faults & Directory Service | 683 | 015 | Active |
| Weather & Tidal Information | 683 | 101 | Active |
| Emergency |  | 999 | Active |
| Reserved | 683 | 1000 – 1099 | Reserved |
| Postpaid AMPS Mobile | 683 | 1100 – 1999 | Not Active |
| Postpaid GSM Fixed Wireless | 683 | 2000 – 2999 | Not Active |
| Postpaid AMPS FWT | 683 | 3000 – 3999 | Not Active |
| Postpaid PSTN | 683 | 4000 – 4999 | Active |
| Prepaid GSM Mobile 2G | 683 | 5000 – 5999 | Not Active |
| Prepaid GSM Mobile 2G | 683 | 6000 – 6999 | Not Active |
| Postpaid PSTN | 683 | 7000 – 7999 | Active |
| Prepaid LTE Mobile | 683 | 8884000-8884999  8885000-8885999  8886000-8886999  8887000-8887999  8888000-8888999  8889000-8889999 | Active |

Description of introduction of new resource for national E.164 numbering plan for country code +683:

| *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* |
| 888 XXXX | 7 | 7 | Geographic number for LTE Mobile Telephony Services | 00:00 2018-05-01 |

Contact:

Mr Colin Talamahina - Director  
Mr Farm Tukumulia - Operations Manager  
Telecom Niue LTD  
PO Box 32 – Commercial Center  
ALOFI  
Niue  
Tel: +683 5663/+683 4005  
Fax: +683 4010  
E-mail: colin.talamahina@mail.gov.nu;   
 farm.tukumulia@mail.gov.nu;   
 telecom.callcentre@mail.gov.nu

**Norway** **(country code +47)**

Communication of 26.IV.2018:

The *Norwegian Communications Authority*, Lillesand, announces the following update to the national numbering plan of Norway:

• Assignment – Mobile communications services

|  |  |  |
| --- | --- | --- |
| *Provider* | *Numbering series* | *Date of assignment* |
| Kvantel AS | 9870efgh | 22.09.2017 |

Contact:

Norwegian Communications Authority

Postbox 93

4791 LILLESAND

Norway

Tel: +47 22 82 46 00

Fax: +47 22 82 46 40

E-mail: firmapost@nkom.no

URL: www.nkom.no

Other communication

**Austria**

Communication of 23.IV.2018:

On the occasion of the 23rd FAI World Hot Air Ballon Championship in Groß-Siegharts (Austria), the Austrian Administration authorizes an Austrian amateur station to use the special call sign **OE18BALLON** from 18 to 25 August 2018.

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

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)  
(Amendment No. 41)

**Czech Rep. LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Czech Rep. | **O2 Czech Republic a.s.**  Za Brumlovkou 266/2  140 22 PRAHA 4 - MICHLE | **89 420 05** | Michal Pekárek  Za Brumlovkou 266/2  140 22 PRAHA 4 - MICHLE  Tel: +420 271 464 526  E-mail: michal.pekarek@o2.cz |
| Czech Rep. | **O2 Czech Republic a.s.**  Za Brumlovkou 266/2  140 22 PRAHA 4 - MICHLE | **89 420 20** | Michal Pekárek  Za Brumlovkou 266/2  140 22 PRAHA 4 - MICHLE  Tel: +420 271 464 526  E-mail: michal.pekarek@o2.cz |

**Guam LIR**

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* |
| Guam | **Docomo Pacific, Inc.**  890 S. Marine Corps Dr.  TAMUNING  GU USA 96913 | **89 1 377** | Mr James W. Hofman  Docomo Pacific, Inc.  890 S. Marine Corps Dr.  TAMUNING  GU USA 96913  Tel: +1 671 688 2355  Fax: +1 671 649 7247  Email: jhofman@docomopacific.com |

**Guam ADD**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country/*  *geographical area* | *Company Name/Address* | *Issuer Identifier Number* | *Contact* | *Effective  date of usage* |
| Guam | **Docomo Pacific, Inc.**  890 S. Marine Corps Dr.  TAMUNING  GU USA 96913 | **89 1 048** | Mr James W. Hofman  Docomo Pacific, Inc.  890 S. Marine Corps Dr.  TAMUNING  GU USA 96913  Tel: +1 671 688 2355  Fax: +1 671 649 7247  Email: jhofman@docomopacific.com | 23.III.2018 |

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | |  | | --- | | 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. 36) | |  |
|  |  |  |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  | |  |  |  | | --- | --- | --- | | ***Country/Geographical area*** | ***MCC+MNC \**** | ***Operator/Network*** | | **Estonia ADD** |  |  | | 248 11 | UAB Raystorm Eesti filiaal | |  |  | |  |  |  |  |  | |  | |  | | --- | | \_\_\_\_\_\_\_\_\_\_\_\_  \*                  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 Telegram Destination Indicators  
(In accordance with ITU-T Recommendation F.32 – (10/1995))  
(Position on 15 May 2011)

(Annex to ITU Operational Bulletin No. 980 – 15.V.2011)

(Amendment No. 6)

**P 38-39 UKRAINE**

Network code: UX     **COL**2***Ukrainian Telecom – Ukrainian State Telecommunications Corporation, Kyiv***

**COL  1-5     SUP**

*Date of cessation of service: 1 March 2018*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Country /geographical area* | *Network (administration/ROA)* | *Network code* | *Name of  Telegraph Office* | *Office code* |
| *1* | *2* | *3* | *4* | *5* |
|  |  |  |  |  |
| **UKRAINE** | Ukrainian Telecom – Ukrainian State | UX- - |  |  |
| **UKRAINE** | Telecommunications Corporation, |  | Cherkasy | UXCK |
| **UCRANIA** | Kyiv |  | Chernihiv | UXCG |
|  |  |  | Chernivtsi | UXCV |
|  |  |  | Dnipropetrovsk | UXDP |
|  |  |  | Donetsk | UXDC |
|  |  |  | Horlivka | UXGR |
|  |  |  | Ivano-Frankivsk | UXIF |
|  |  |  | Kharkiv | UXHR |
|  |  |  | Kherson | UXHS |
|  |  |  | Khmelnitskyi | UXHM |
|  |  |  | Kirovohrad | UXKG |
|  |  |  | Kramatorsk | UXKM |
|  |  |  | Kryvyi Rih | UXKR |
|  |  |  | Kyiv | UXKV |
|  |  |  | Luhansk | UXLK |
|  |  |  | Lutsk | UXLC |
|  |  |  | Lviv | UXLV |
|  |  |  | Mariupol | UXMR |
|  |  |  | Mykolaiv | UXMK |
|  |  |  | Odesa | UXOD |
|  |  |  | Poltava | UXPL |
|  |  |  | Rivne | UXRV |
|  |  |  | Sevastopol | UXSV |
|  |  |  | Simferopol | UXSF |
|  |  |  | Sumy | UXSU |
|  |  |  | Ternopil | UXTR |
|  |  |  | Uzhhorod | UXUG |
|  |  |  | Vinnytsia | UXVC |
|  |  |  | Yalta | UXYL |
|  |  |  | Zaporizhia | UXZP |
|  |  |  | Zhytomyr | UXZT |
|  |  |  | All others | UXKX |
|  |  |  |  |  |

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\* See Note published in present ITU Operational Bulletin No. 1148 of 15.V.2018, page 5.

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. 61)

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

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

|  |  |  |
| --- | --- | --- |
| Herbst Datentechnik GmbH  Philippistrasse 10  14059 BERLIN | **HERBST** | Mr Robert Schwanitz  Tel.: +49 30 788 90 530  Fax: +49 30 788 90 559  E-mail : support@herbst.de |

|  |  |  |
| --- | --- | --- |
| sentec networks GmbH  Residenzstrasse 128  13409 BERLIN | **SENTEC** | Mr Uemit Senli  Tel.: +49 30 4985 1435  Fax: +49 30 4985 6291  E-mail : mail@sentec-it.com |

|  |  |  |
| --- | --- | --- |
| Anycall GmbH  Jahnstrasse 2  25436 UETERSEN | **ANYCLL** | Mr Ole Nils Feddersen  Tel.: +49 4122 50635 0  Fax: +49 4122 50635 10  E-mail : service@anycall.de |

|  |  |  |
| --- | --- | --- |
| Luxembourg Online S.A.  14, avenue du X Septembre  L-2550 LUXEMBOURG  Luxembourg | **DEULOL** | Mr Remi Bianchi  Tel.: +352 4525 6440  Fax: +352 4593 34  E-mail : network@online.lu |

|  |  |  |
| --- | --- | --- |
| cratchmere.com gmbh  Ibacher Muehle 87  42553 VELBERT | **SIPFON** | SIPfonica Auftragsmanagement  Tel.: +49 2053 9109 580  Fax: +49 2053 9109 589  E-mail : auftrag@sipfonica.de |

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. 36)

|  |  |  |  |
| --- | --- | --- | --- |
| *Country/ Geographical Area* | | *Unique name of the signalling point* | *Name of the signalling point operator* |
| *ISPC* | *DEC* |
| **Panama SUP** | | | |
| 7-026-7 | 14551 | PANTD1 | Telefónica Móviles Panamá, S.A. |
| **Panama ADD** | | | |
| 7-026-7 | 14551 | PANSL4M | Telefónica Móviles Panamá, S.A. |

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

ISPC: International Signalling Point Codes.

Codes de points sémaphores internationaux (CPSI).

Códigos de puntos de señalización internacional (CPSI).