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# 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))	<a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>
Bureaufax Table (ITU-T Rec. F.170)	<a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a>
List of recognized operating agencies (ROAs)	<a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>

## 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**.

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of withdrawal</i>
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**.

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Date of withdrawal</i>
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:

<i>Network</i>	<i>Mobile Country Code (MCC)* and Mobile Network Code (MNC)**</i>
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:

<i>Network</i>	<i>Mobile Country Code (MCC)* and Mobile Network Code (MNC)**</i>
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:

<i>Network</i>	<i>Mobile Country Code (MCC)* and Mobile Network Code (MNC)**</i>
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](http://www.itu.int/itu-t/inr/nnp)

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

Communication of 10.XII.2015:

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

The current format of mobile numbers is  $N_8N_7N_6N_5N_4N_3N_2N_1$  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 9XXXX 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 29<sup>th</sup>**, 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 6<sup>th</sup>**.

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

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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
<b>41 to 46</b>	<b>Paraná</b>	<b>6 November 2016</b>	9XXXX XXXX
<b>47 to 49</b>	<b>Santa Catarina</b>	<b>6 November 2016</b>	9XXXX XXXX
<b>51 to 55</b>	<b>Rio Grande do Sul</b>	<b>6 November 2016</b>	9XXXX XXXX
<b>61</b>	<b>Distrito Federal</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>62 and 64</b>	<b>Goiás</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>63</b>	<b>Tocantins</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>65, 66</b>	<b>Mato Grosso</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>67</b>	<b>Mato Grosso do Sul</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>68</b>	<b>Acre</b>	<b>29 May 2016</b>	9XXXX XXXX
<b>69</b>	<b>Rondônia</b>	<b>29 May 2016</b>	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	Paraíba	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

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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	Espírito 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	Paraíba	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

<i>National Code (Area Code)</i>	<i>State</i>	<i>Migration date</i>	<i>Subscriber Number</i>
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 to 55	Rio Grande do Sul	Not applicable	XXXX XXXX (first digit 2, 3, 4 or 5)
61	Distrito Federal	Not applicable	XXXX XXXX (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	Paraíba	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 (first digit 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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**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)
<i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number)</i>	<i>N(S)N number length</i>		<i>Usage of ITU-T E.164 Number</i>	<i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
00	2	2	International Access Code for ISD	
01	3	3	<b>Operation Access for International (Demand Enquiries etc.)</b>	
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:**

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Fenuafala, Fakaofu,  
Tokelau  
Tel: +690 3101  
E-mail: [tenosa@teletok.net](mailto:tenosa@teletok.net)  
URL: [www.tokelau.org.nz](http://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](http://www.itu.int/pub/T-SP-SR.1-2012)

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Thailand	1034 (p.5)
São Tomé and Príncipe	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/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

## Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	paragraph
<b>COL</b>	Column	<b>REP</b>	replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	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\***

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
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\***

<i>Applicant</i>	<i>Network</i>	<i>Country Code and Identification Code</i>	<i>Status</i>
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)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Hungary ADD</b>	216 03	DIGI Telecommunication Ltd.
<b>International Mobile, shared code SUP</b>	901 01	ICO Global Communications
	901 10	Asia Cellular Satellite (AceS)
<b>International Mobile, shared code ADD</b>	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)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
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<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
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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)

<i>Country/ Geographical Area</i>		<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<i>ISPC</i>	<i>DEC</i>		
<b>Japan SUP</b>			
4-081-4	8844	Tokyo1	T-Systems Japan K.K.
4-081-5	8845	Tokyo2	T-Systems Japan K.K.
<b>Japan ADD</b>			
4-090-0	8912	sumida-sgw-ag	NTT DOCOMO, INC.
4-090-1	8913	kyoto-sgw-ag	NTT DOCOMO, INC.
<b>Japan LIR</b>			
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.

ISPC: International Signalling Point Codes.  
Codes de points sémaphores internationaux (CPSI).  
Códigos de puntos de señalización internacional (CPSI).