



ITU Operational Bulletin



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No. 697 1. VIII.1999

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24.VI.1999
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26.VII.1999

Subjects preceded by the letters (BR) in the table of Contents are dealt with by the Radiocommunication Bureau (BR),
contact: TF +41 22 730 5217 FAX +41 22 730 5785

Subjects preceded by the letters (TSB) in the table of Contents are dealt with by the Telecommunication Standardization
Bureau (TSB),
contact: TF +41 22 730 5212 FAX +41 22 730 5853

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GENERAL INFORMATION

Lists annexed to Operational Bulletin

Note from the TSB

The following Lists* have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

- | | |
|-----|--|
| 659 | List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121) (Position on 31 December 1997) |
| 663 | List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 Series Recommendations) (Position on 28 February 1998) |
| 665 | Various tones used in national networks (Supplement 2 to ITU-T Recommendation E.180) (Position on 1 April 1998) |
| 669 | Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/98)) |
| 674 | Status of Radiocommunications between Amateur Stations of different countries (In accordance with optional provision No. 2731 of the Radio Regulations) (Position on 15 August 1998) |
| 677 | List of Issuer Identifier Numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 October 1998) |
| 679 | Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164) (Position on 1 November 1998) |
| 682 | List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708) (Position on 15 December 1998) |
| 684 | List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121) (Position on 15 January 1999) |
| 685 | List of Mobile Country or Geographical Area Codes (Complement to ITU-T Recommendation E.212) (Position on 1 February 1999) |
| 686 | List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708) (Position on 15 February 1999) |
| 687 | List of ITU-T Recommendation E.164 assigned Country Codes (Complement to ITU-T Recommendation E.164 (05/1997)) (Position on 1 March 1999) |
| 688 | List of ITU Carrier Codes (According to ITU-T Recommendation M.1400) (Position on 15 March 1999) |
| 691 | Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 1 May 1999) |
| 692 | List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32) (Position on 15 May 1999) |
| 693 | List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 and F.68) (Position on 31 May 1999) |

* For information, all lists will be updated by numbered series of amendments published in the ITU Operational Bulletin, and will be reissued as necessary.

Furthermore, the lists can be consulted online (<http://www.itu.int/itudoc/itu-t/ob-lists>) in the ITU document database, under the heading "Operational Bulletin and Lists annexed".

Approval of ITU-T Recommendations*

A. In accordance with procedures outlined in Resolution 1, Section 8, of the WTSC-96 (Geneva, 1996), the following Recommendations were approved:

- ITU-T Recommendation Z.130: ITU object definition language
- ITU-T Recommendation Z.361: Design guidelines for Human Computer Interfaces (HCL) for the management of telecommunications network
- ITU-T Recommendation G.852.2: Enterprise Viewpoint Description of Transport Network Resource Model
- ITU-T Recommendation G.852.3: Enterprise Viewpoint for Topology Management
- ITU-T Recommendation G.852.6: Enterprise Viewpoint for Trail Management
- ITU-T Recommendation G.852.8: Enterprise Viewpoint for Pre-provisioned Adaptation Management
- ITU-T Recommendation G.852.10: Enterprise Viewpoint for Pre-provisioned Link Connection Management
- ITU-T Recommendation G.852.12: Enterprise Viewpoint for Pre-provisioned Link Management
- ITU-T Recommendation G.853.1: Common Elements of the Information Viewpoint for the Management of a Transport Network
- ITU-T Recommendation G.853.3: Information Viewpoint for Topology Management
- ITU-T Recommendation G.853.6: Information Viewpoint for Trail Management
- ITU-T Recommendation G.853.8: Information Viewpoint for Pre-provisioned Adaptation Management
- ITU-T Recommendation G.853.10: Information Viewpoint for Pre-provisioned Link Connection Management
- ITU-T Recommendation G.853.12: Information Viewpoint for Pre-provisioned Link Management
- ITU-T Recommendation G.854.3: Computational Viewpoint for Topology Management
- ITU-T Recommendation G.854.6: Computational Viewpoint for Trail Management
- ITU-T Recommendation G.854.8: Computational Viewpoint for Pre-provisioned Adaptation Management
- ITU-T Recommendation G.854.10: Computational Viewpoint for Pre-provisioned Link Connection Management
- ITU-T Recommendation G.854.12: Computational Viewpoint for Pre-provisioned Link Management
- ITU-T Recommendation G.855.1: Management Information Generic Network Level Model
- ITU-T Recommendation M.1530: Network Maintenance Information
- ITU-T Recommendation M.1539: Management of the grade of network maintenance services at the Maintenance Service Customer Contact Point (MSCC)
- ITU-T Recommendation M.3100 (Am. 1): Generic Network Information Model (Amendment 1)
- ITU-T Recommendation M.3108.1: Information Model for management of leased circuit and reconfigurable services
- ITU-T Recommendation M.3208.2: TMN management services for dedicated and reconfigurable circuits network: connection management of pre-provisioned service link connections to form a link connection service
- ITU-T Recommendation O.172: Jitter and Wander Measuring Equipment for Digital Systems which are based on the synchronous Digital Hierarchy (SDH)
- ITU-T Recommendation O.9: Measuring arrangements to assess the degree of imbalance about earth
- ITU-T Recommendation Q.812.Add.1: Additional X interface protocols for the service management layer (SML)

- ITU-T Recommendation Q.812.Add.2: Guidance on using allomorphic management
- ITU-T Recommendation Q.821.Corr.1: Technical Corrigendum 1 to Stage 2 and Stage 3 description for the Q3 interface – Alarm Surveillance
- ITU-T Recommendation Q.832.2: VB 5.2 Management
- ITU-T Recommendation Q.835: Line and Line Circuit Test Management of ISDN and Analogue Customer Accesses
- ITU-T Recommendation X.711.Corr.1: Corrigendum 1 to Common Management Information Protocol: Specification
- ITU-T Recommendation X.726: Managed Objects for supporting upper layers
- ITU-T Recommendation X.727: Systems Management Application Layer Managed Objects
- ITU-T Recommendation X.733.Corr.2: Corrigendum 2 to Systems Management: Alarm Reporting Function
- ITU-T Recommendation X.734.Corr.2: Corrigendum 2 to Systems Management: Event report management function
- ITU-T Recommendation X.748: Systems Management Part 22: Response Time Monitoring Function
- ITU-T Recommendation X.790.Corr.1: Corrigendum 1 to Trouble Management Function for ITU-T Applications
- ITU-T Recommendation X.792: Configuration Audit Support

* See TSB Circulars 186 and 187 of 26 April 1999.

Service Documents

Alphabetical List of Call Signs of Stations other than Amateur Stations, Experimental Stations and Stations of the Maritime Mobile Service

(List VII B)

CTITU A 035 of 20.V.1999

20 SD (TPR)/0.1348/99. Preparation for the 16th Edition of Alphabetical List of Call Signs of Stations other than Amateur Stations, Experimental Stations and Stations of the Maritime Mobile Service, List VII B, is underway.

Administrations are requested to notify not later than 31 July 1999 the form of call signs assigned to their amateur and experimental stations or any modification to the forms published in Part II of the last edition. Regards.

Radiocommunication Bureau.

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

Note from the TSB

At the request of the Administrations of Italy, Sweden and Switzerland, the Director of the TSB has assigned the following signalling area/network codes (SANC) for use in the international part of the signalling systems No. 7 network of these countries/geographical areas, in accordance with ITU-T Recommendation Q.708:

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Italy	2-051
Sweden	2-194
Switzerland (Confederation of)	2-054

SANC: Signalling Area/Network Code.
Code de zone/réseau sémaphore (CZRS).
Código de zona/red de señalización (CZRS).

Telegram Service

Fiji

Communication of 7.VI.1999*:

FINTEL, Suva, the telegram service operator identified in the List of Telegram Destination Indicators by the two-letter code "FC", announces that it will cease its international telegram services operation as from 30 June 1999, due to the closure on the same date of its telex service and to the fact that the international telegram service operated by *FINTEL* is linked to its telex service.

Consequently, the office code "FCSU" and the telegraph office "SUVA only", which appear in the List of Telegram Destination Indicators, will be deleted as from 1 July 1999 at 0000 hours UTC, as well as the following office codes assigned to the national network, Telecom Fiji Ltd.: "FJSU" for "SUVA" and "FJSX" for "All others".

* See ITU Operational Bulletin No. 693 of 1.VI.1999, pages 18/19, and the Annex to ITU Operational Bulletin No. 692 of 15.V.1999, page 15.

Telephone Service

Germany

Communication of 1.VI.1999:

Regulierungsbehörde für Telekommunikation und Post (RegTP) (Regulatory Authority for Telecommunications and Posts), Bonn, announces that changes have been made to the German numbering plan (country code +49) (according to ITU-T Recommendation E.164). The following table summarises the number allocation of the national numbering plan as used in the public switched telephone network (PSTN)/ISDN.

<i>Prefixes or other numbers</i>	<i>Use</i>
0	National prefix
00	International prefix
0010	Exception: DTAG (Deutsche Telekom AG) manually switched long-distance calls (to be discontinued)
010XY, 0100YY where X = 1...9 and Y = 0...9	Number strings that may be added in front of the prefix, on an optional basis, for call-by-call carrier network selection

<i>National destination code</i>	<i>Use</i>
11	Value-added services (to be discontinued)
12WZ, 12XZZ, 12YZZZ where W = 0...1, X = 2, Y = 3 and Z = 0...9	Innovative services
130	Freephone services (to be discontinued)
13111, 13115, 13119	Access to DTAG (Deutsche Telekom AG) data networks (to be discontinued)
137, 1381	Voting by telephone, teledialogue
161	Analogue cellular network "C-Netz" (TMobil)
163	Ermes network (test phase) (TMobil)
164	Paging network "Cityruf" (TMobil)
165	Paging network "Quix" (Miniruf GmbH)
166	Paging network "Telmi" (Deutsche Funkruf GmbH)
168	Paging network "Scall" (TMobil)
169	Paging network "Cityruf, Scall, Skyper" (TMobil)

<i>National destination code</i>	<i>Use</i>
170	GSM network "D1" (TMobil)
171	GSM network "D1" (TMobil)
172	GSM network "D2" (Mannesmann Mobilfunk)
173	GSM network "D2" (Mannesmann Mobilfunk)
177	DCS 1800 network "E1" (E-Plus Mobilfunk)
178	DCS 1800 network "E1" (in service from 1.9.1999 for E-Plus Mobilfunk)
179	DCS 1800 network "E2" (Viag Interkom)
180	Shared-cost services
181XXX, 181XXXX	Code numbers for international virtual private networks (IVPN)
18XY, 18XYY, 18XYYY, 18XYYYY, 18XYYYYY, 18XYYYYYY, 18XYYYYYYY where X = 2...9 and Y = 0...9	Code numbers for closed user groups
182	Use for DTAG "UPT" (to be discontinued)
190	Premium rate services
19XZ, 19YZZZ where X = 1...3, Y = 1...4 and Z = 0...9	Online services
195, 197	Access to DTAG (Deutsche Telekom AG) data networks (to be discontinued)
1989	Routing numbers for information services
199	Intra-network traffic routing
XY, XYY, XYYY, XYYYY where X = 2...9 and Y = 0...9	Trunk codes
31	Exceptions: Test numbers
700	Personal numbering
800	Freephone services

<i>Subscriber number</i>	<i>Use</i>
XXX (being phased out), XY YY (being phased out) X YY YY, XY YY YY, X YY YY YY, XY YY YY YY where X = 1...9 and Y = 0...9	Subscriber numbers
110	Special subscriber numbers: Police
112	Emergency calls, ambulance, fire-brigade
118XY, 1180YY where X = 1...9 and Y = 0...9	Information services; call numbers of the 1180YY structure will only be allocated when call numbers of the 118XY structure are no longer available
Other numbers beginning with the range 11	Intra-network use

Details concerning all national trunk codes (over 5200) are available on Web site <http://www.regtp.de/Fachinfo/Rufnummem/verzonb.htm>

For questions concerning the German numbering plan, please contact the:

Regulatory Authority for Telecommunications and Posts (RegTP)
Section 115
Postfach 80 01
D - 53105 BONN
Tf.: +49 228 14 1150
Fax: +49 228 14 6115

Egypt

Communication of 31.V.1999:

The *Telecom Regulatory Authority*, Cairo, announces the entry into service of the following new subscriber number ranges (and extensions (E) with change in numbering):

<i>Exchange</i>	<i>Area Code</i>	<i>Old numbering ranges</i>	<i>New numbering range</i>	<i>Date of entry into service</i>
El Roda (E)	2		5310000 - 5329999	V.1999
El Maadi 3 (E)	2		5265000 - 5275099	V.1999
El Manshia (E)	3		4850000 - 4869999	V.1999
			4880000 - 4889999	V.1999
New Borg El Arab (E)	3		4594000 - 4598999	V.1999
Old Borg El Arab (E)	3		4651000 - 4653999	V.1999
El Petrokemawiat	3		4770000 - 4770999	V.1999
East El Mansoura	50		320000 - 329999	V.1999
			290000 - 294999	V.1999
Ras El Bar (E)	57		522000 - 524999	V.1999
Abu Zenema	69		420000 - 421999	V.1999
Abu Redeas	69		440000 - 441999	V.1999
Samalout (E)	86		718000 - 721999	V.1999
Manfalout	88	700000 - 707999	710000 - 717999	V.1999
Asyout 2 (E)	88		300000 - 309999	V.1999
Asyout 1 (E)	88		350000 - 359999	V.1999

Uruguay

Communication of 28.VI.1999:

The *Administración Nacional de Telecomunicaciones (ANTEL)*, Montevideo, announces that as from 13 August 1999 at 0100 hours (local time) there will be changes in the telephone numbering plan for the localities of Maldonado, San Carlos and Punta del Este which belong to area code "42".

The subscriber number will have six digits instead of five. The international number length for those localities will be eleven digits.

The old numbers may be dialled until 30 April 2000.

All international and national operators are requested to make the necessary adjustments in their exchanges.

For any enquiries on the changes in the numbering plan, please contact:

ANTEL
División Internacional
Fax: +598 2 408 3844

The list showing the changes is given below:

<i>Exchange</i>	<i>Area Code</i>	<i>Old subscriber numbers</i>	<i>New subscriber numbers</i>
Maldonado	42	20000 - 39999 50000 - 58999	220000 - 239999 250000 - 258999
Península	42	40000 - 49999	440000 - 449999
Parada 5	42	80000 - 99999	480000 - 499999
Laguna del Sauce	42	59000 - 59999	559000 - 559999
Portezuelo	42	76000 - 79999	576000 - 579999
San Carlos	42	60000 - 69999	660000 - 669999
La Barra	42	70000 - 73999	770000 - 773999
Punta de Piedras	42	74000 - 74999	774000 - 774999

Telex Service

Cayman Islands

Communication of 3.VI.1999:

Cable & Wireless (Cayman Islands) announces the planned closure of the Cayman Islands Telex Switching Centre. As of 11 July 1999 at 0500 hours GMT (UTC), all telex traffic to and from the Cayman Islands will be routed via the Cable & Wireless Communications (C&WC) telex switch in the United Kingdom. C&WC at Bracknell (United Kingdom) will be the sole switching facility for the aforementioned traffic.

Telex subscribers in the Cayman Islands should see no change in service.

Responsibility for international rates and settlement of accounts will reside with C&WC from 11 July 1999; all enquiries should be addressed to the Cayman Islands.

Procedures for rates and settlements will be notified separately to affected carriers.

For any question concerning the telex service, please contact:

C&W Cayman Islands Ltd.
Raul Nicholson-Coe
International Relations Manager
P.O. Box 293 Georgetown, Grand Cayman, BWI
Tf: +1 345 914 0353
Fax: +1 345 949 8880
E-mail: Raul.Nicholson@cay.cwcplc.com

The telex destination code "293" allocated to Cayman Islands (ITU-T Recommendation F.69) including the telex network identification code "CP" (ITU-T Recommendation F.68) also used as telegram destination indicator, remain reserved for use by the Cayman Islands.

Denmark

Communication of 8.VI.1999:

The *National Telecom Agency (NTA)*, Denmark, announces that the telex number of its Administration has been disconnected on 4 June 1999. Consequently, the telex number / answer-back code of NTA "55 31100 nta dk" is no longer available.

Address of NTA:

National Telecom Agency
Administration Division
Holsteinsgade 63
DK-2100 Koebenhavn O
Denmark
Tf: +45 3543 0333
Fax: +45 3543 1434
+45 3543 3910
Internet Email: tst@tst.dk
Mr. J. Abild Andersen, Director General of the National Telecom Agency

Seychelles (Republic of)

Communication of 9.VI.1999:

Cable & Wireless (Seychelles) Ltd., announces the planned closure of the Seychelles Telex Switching Centre. As of 15 June 1999 at 1700 hours GMT (UTC), all telex traffic to and from the Seychelles will be routed via the Cable & Wireless Communications (C&WC) telex switch in the United Kingdom. C&WC at Bracknell (United Kingdom) will be the sole switching facility for the aforementioned traffic.

Telex subscribers in the Seychelles should see no change in service.

Responsibility for international rates and settlement of accounts will reside with C&WC from 15 June 1999; all enquiries should be addressed to the Seychelles.

Procedures for rates and settlements of accounts will be notified separately to affected carriers.

For any question concerning the telex service, please contact:

Cable & Wireless (Seychelles) Ltd - CWS
Tariff & Traffic Accounting Dept.
Mercury House
Francis Rachel Street
Victoria
P O Box 4
Seychelles
Tf: +248 284052
Fax: +248 321444
Mr. Milton Durup, Manager Tariff & Traffic Accounting

The telex destination code "965" allocated to Seychelles (Republic of) (ITU-T Recommendation F.69) including the telex network identification code "SZ" (ITU-T Recommendation F.68) also used as telegram destination indicator, remain reserved for use by the Seychelles.

Other communication

Malta

Communication of 8.VI.1999:

The *Ministry for Transport and Communications*, Valletta, Malta, announces that the facsimile number to be used for all future correspondence to the Ministry is: Fax: +356 248937.

Service Restrictions

Morocco

Communication of 31.V.1999:

Itissalat Al Maghrib, Rabat, announces that the relations Morocco-Israel and Morocco-South Africa were opened up to telecommunication traffic on 1 August 1994 and 24 April 1992, respectively, and have been subject to no restrictions since.

Note from the TSB

See the recapitulatory List of service restrictions still in force published as an annex to Operational Bulletin (OB) No. 691 of 1.V.1999 and the following subsequent communications concerning new, modified or deleted service restrictions:

<i>OB No.</i>	
692	Canada (p. 4), Morocco (p. 8), Tonga (p. 5),
694	Cayman Islands (p. 8), Fiji (p. 5), Morocco (p. 9/10), Seychelles (Republic of) (p. 9)

The service restriction indicated in respect of Morocco on page 10 of the recapitulatory list of Service Restrictions published as Annex to ITU Operational Bulletin No. 691 of 1.V.1999 should be deleted.

Call-Back and other practices not in accordance with the relevant regulations

Note from the TSB

Countries/geographical areas for which an information regarding "Call-Back and other practices not in accordance with the relevant regulations" has been published in the ITU Operational Bulletin (No.):

Algeria (621), Netherlands Antilles (627), Saudi Arabia (629), Azerbaijan (663), Bahrain (611), Belarus (616), Bulgaria (665), Burkina Faso (631), Burundi (607), Cameroon (671), China (599), Cyprus (626), Colombia (602), Cook Islands (681), Cuba (632), Djibouti (614), Egypt (599, 690), United Arab Emirates (627), Ecuador (619), Ethiopia (657), Gabon (631), Guinea (681), Honduras (613), India (627), Jamaica (648), Japan (649), Jordan (652), Kazakstan (619), Kenya (605), Kyrgyzstan (616), Kuwait (610), Latvia (617), Lebanon (642), Madagascar (639), Malaysia (603), Malta (688), Morocco (619), Niger (618), Nigeria (647), Uganda (603), Portugal (620), Qatar (593), Dem. Rep. of the Congo (672), Seychelles (631), Sudan (686), South Africa (655), Tanzania (624), Thailand (611), Turkey (612), Viet Nam (619), Wallis and Futuna (649), Yemen (622).

In addition, in Operational Bulletin No. 685 of 1 February 1999 (pages 14 to 20), information on the position of some countries concerning call-back was published under the heading "Call-Back". This information is the result of a survey made by ITU-T Study Group 3 in accordance with Resolution 21 of the Plenipotentiary Conference (Kyoto, 1994).

See also Operational Bulletin No. 658 of 15.XII.1997.

AMENDMENTS TO SERVICE DOCUMENTS

Abbreviations used

ADD insert
COL column
LIR read
P page(s)

PAR paragraph
REP replace
SUP delete

List of Ship Stations (List V)

39th Edition, June 1999

Part IV

Sous-section 2A / Sub-Section 2A / Subsección 2A

REP

EE02 A/S RSTA, P.O. Box 512, 38 Narva Street, 11002 Tallinn, Estonia.
(Tel +372 6312082/5015107, Fax +372 6410114, E-mail rsta@rsta.com,
Contact Person: Andrei Kondratjuk, Web: <http://www.rsta.com>).

SUP

LI02 Monrovia Communications Corporation (MONCOM), Atlantic House,
P.O. Box 4394, Monrovia, Liberia.
(Tel/Fax +231 227426).

Sous-section 2C / Sub-Section 2C / Subsección 2C

P 3098 CYP REP
(39th edition)

CYP

a)

BE02	CY02	CY03
CY05	DP02	DP03
DP05	EE02	EI06
GB01	GB06	GB08
GB11	GR01	GR03
GR05	GR08	GR11
GR12	JP03	LV03
NL02	RS01	SU04
US03		

b)

CY01	CY02	CY03
CY05	CY06	CY07

**List of International Signalling Point Codes (ISPC)
(According to ITU-T Recommendation Q.708)
(Position on 15 February 1999)**

(Annex to ITU Operational Bulletin No. 686 – 15.II.1999)

(Amendment No. 8)

Country/ geographical area ISPC	Location (town)/ Unique name	Name of operator
P 9 <i>Canada</i> ADD		
3-008-7	Alcatel DSC 600E	Hongkong Telecom Pacific Ltd.
3-009-0	Siemens DCO	Hongkong Telecom Pacific Ltd.
P 17 <i>United States</i> ADD		
3-058-0	Manhattan, NY	The Witley Group, Inc.
3-058-1	Miami, FL	The Witley Group, Inc.
3-058-2	New York, NY	Justice Technology Corporation
P 21 <i>Italy</i> 2-049-3 Skipper LIR*		
2-049-3	Milano/Cormano/Via Prealpi 8	Interoute
<hr/>		
* See ITU Operational Bulletin No. 691 of 1.V.1999, page 17.		
P 24 <i>Norway</i> ADD		
2-085-6	Oslo	Global Telesystems Group Norge AS
P 32 <i>Sweden</i> ADD		
2-080-6	Stockholm (C1/STO)	Carrier 1 AG
2-081-4	Stockholm (Stockholm PA1I)	Port Authority AS
2-082-3	Stockholm (STH3)	Netnet International AB
2-082-4	Stockholm (STH4)	Netnet International AB
P 34 <i>Venezuela</i> ADD		
7-068-5	Los Velázquez, Municipio Eulalia Buroz, Edo. Miranda	TE.SA.M de Venezuela, C.A.

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

**List of ITU Carrier Codes
(According to ITU-Recommendation M.1400)
(Position on 15 March 1999)**

(Annex to ITU Operational Bulletin No. 688 – 15.III.1999)

(Amendement No. 6)

Country or ara/ISO code	Company	Contact
Company Name/Address	Code (carrier code)	
P 8 <i>Korea (Republic of) / KOR</i>	KT	LIR
Korea Telecom 206 Chongja-dong, Pundang-gu Songnam City KYONGGI-DO 463-711	KT	Jung-il Cho Tf.: +82 727 2731/5 Fax: +82 2 750 3830/1 E-mail: choji@kt.co.kr
P 17 <i>Mauritania (Islamic Republic of) / MRT</i>		LIR
Office des postes et télécommunications Direction Générale NOUAKCHOTT		MOPT Mohamed Moctar Ould Yahya Tf: +222 2 58213 Fax: +222 2 51700
P 22 <i>United Kingdom of Great Britain and Northern Ireland / GBR</i>		ADD
EGN B.V. Capital Place 120 Bath Road HAYES, Middlesex UB3 5AN	EQUANT	Bert Lad, Interconnect Manager Tf.: +44 181 476 4617 Fax: +44 181 476 4558 E-mail: bert.lad@sita.int

**List of Signalling Area/Network Codes (SANC)
(Complement to ITU-T Recommendation Q.708)
(Position on 15 December 1998)**

(Annex to ITU Operational Bulletin No. 682 – 15.XII.1998)

(Amendment No. 10)

Numerical order ADD

- P 3** 2-051 Italy
P 5 2-194 Sweden
P 3 2-054 Switzerland (Confederation of)

Aphabetical order ADD

- P 16** 2-051 Italy
P 20 2-194 Sweden
P 20 2-054 Switzerland (Confederation of)

SANC: Signalling Area/Network Codes.
 Codes de zone/réseau sémaphore (CZRS).
 Códigos de zona/red de señalización (CZRS).

**List of ITU-T Recommendation E.164 assigned Country Codes
(Complement to ITU-T Recommendation E.164 (05/97))
(Position on 1 March 1999)**

(Annex to ITU Operational Bulletin No. 687 - 1.III.1999)

(Amendment No. 4)

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

P 17 Note g LIR

g Including Australian Antarctic Territory and Norfolk Island.

P 17 Note i LIR

i Including Christmas Island and Cocos (Keeling) Islands.

**Dialling Procedures
(International prefix, national (trunk) prefix and
national (significant) number)
(In accordance with ITU-T Recommendation E.164)
(Position on 1 November 1998)**

(Annex to Operational Bulletin No. 679 – 1.XI.1998)

(Amendment No. 8)

Country/geographical area	Code	International Prefix	National Prefix	National (significant) number	Note
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P 4 Ghana LIR

Ghana	233	00	0	7 to 9 digits	
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