



ITU Operational Bulletin



No. 700 – 15.IX.1999

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<http://www.itu.int/itudoc/itu-t/ob-lists>

Dates of publication of the next Operational Bulletins

No. 701 1.X.1999
No. 702 15.X.1999
No. 703 1.XI.1999

Including information received by:

24.IX.1999
8.X.1999
25.X.1999

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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) |
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| 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

By TSB Circular 177 of 15 March 1999, the following draft ITU-T Recommendations were submitted for approval in accordance with procedures outlined in Resolution 1, Section 8, of the WTSC (Geneva, 1996):

- ITU-T Recommendation G.169 – Automatic Level Control Devices
- ITU-T Recommendation G.664 – Optical safety procedures and requirements for optical transport systems
- ITU-T Recommendation G.708 – Sub STM-0 network node interface for the synchronous digital hierarchy (SDH)
- ITU-T Recommendation G.780 – Vocabulary of terms for the Synchronous Digital Hierarchy (SDH) networks and equipment
- ITU-T Recommendation G.781 – Synchronization layer functions
- ITU-T Recommendation G.784 – Synchronous Digital Hierarchy (SDH) Management
- ITU-T Recommendation G.957 – Optical interfaces for equipments and systems relating to synchronous digital hierarchy
- ITU-T Recommendation G.992.1 – Asymmetrical Digital Subscriber Line (ADSL) Transceivers
- ITU-T Recommendation G.992.2 – Splitterless Asymmetrical Digital Subscriber Line (ADSL) Transceivers
- ITU-T Recommendation G.994.1 – Handshake procedures for Digital Subscriber Line (DSL) Transceivers
- ITU-T Recommendation G.995.1 – Overview of Digital Subscriber Line (DSL) Recommendations
- ITU-T Recommendation G.996.1 – Test procedures for Digital Subscriber Line (DSL) Transceivers
- ITU-T Recommendation G.997.1 – Physical layer management for Digital Subscriber Line (DSL) Transceivers
- ITU-T Recommendation I.741 – Interworking and interconnection between ATM and switched telephone networks for the transmission of Speech, Voiceband data and Audio signals
- ITU-T Recommendation V.300 – A 128 (144) kbit/s Data Circuit Terminating Equipment standardized for use on digital point-to-point leased circuits

23 Member States participating in the last meeting of Study Group 15 approved the text of these ITU-T Recommendations during the Plenary sessions held on 22 June 1999 and 2 July 1999 and the conditions governing the approval of these ITU-T Recommendations were met.

ITU-T Recommendations G.169, G.664, G.708, G.780, G.781, G.784, G.957, G.992.1, G.992.2, G.994.1, G.995.1, G.996.1, G.997.1, I.741 and V.300 are therefore approved.

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

Note from the TSB

At the request of the Administrations of Argentina, Australia, Belgium, Brazil, China, Spain and the United States, 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 (3/99):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Argentine Republic	7-046
Australia	5-012
Belgium	2-098
Brazil (Federative Republic of)	7-050
China (People's Republic of)	4-122
Spain	2-239
United States of America	3-188

SANC: Signalling Area/Network Code.

Code de zone/réseau sémaphore (CZRS).

Código de zona/red de señalización (CZRS).

Telegram Service

Telex Service

United Arab Emirates

Communication of 7.IX.1999:

New service hours of the telegraph control centre

Etisalat, Emirates Telecommunications Corporation announces a change in operating hours for international telegraph and telex services in the United Arab Emirates, with effect from 1 September 1999. The above services will be provided from 0300 hours UTC to 1900 hours UTC throughout the year. During the remaining period (from 1900 hours UTC to 0300 hours UTC the following day) the telegraph control centre will be unmanned, but incoming telegrams will be stored in the system and processed the next morning. The Administrations/ROAs are requested not to send service notes XQ and routine situation reports during the unmanned period. Etisalat regrets any inconvenience this may cause and thanks administrations/ROAs for their cooperation.

Contact point

Etisalat Head Office
P.O. Box 3838
ABU DHABI
United Arab Emirates
Tf: +971 2 283333
Fax: +971 2 317000
Tg: Etisalat Ho Abu Dhabi
Tlx: 893 22135 Etcho em

Telephone Service

Colombia

– Communication of 25.VIII.1999:

The *Empresa Nacional de Telecomunicaciones* (TELECOM), Santafé de Bogotá, D.C., announces the following modification in the telephone numbering plan of Colombia:

Locality	DEP.	Area code	Old numbers	New numbers	Date
Aleandría	(ANT)	4	8355XXX	8660XXX	8.VII.1999
Anorí	(ANT)	4	8615XXX	8350XXX	1.VII.1999
Briseño	(ANT)	4	8210XXX	8570XXX	15.VI.1999
Cáceres	(ANT)	4	8211XXX	8362XXX	24.VI.1999
Caucasia	(ANT)	4	8224XXX - 8229XXX	8390XXX - 8395XXX	24.VI.1999
Concepción	(ANT)	4	8356XXX	8567XXX	8.VI.1999
Guatapé	(ANT)	4	8352XXX - 8353XXX	8610XXX - 8611XXX	8.VII.1999
Nechí	(ANT)	4	8299XXX	8368XXX	1.VI.1999
Puerto Claver	(ANT)	4	8217XXX	8378XXX	8.VI.1999
Remedios	(ANT)	4	8684XXX	8303XXX - 8304XXX	15.VII.1999
San José del Nus	(ANT)	4	8323XXX	8556XXX	15.VI.1999
San Miguel- Sonsón	(ANT)	4	8313XXX	8324XXX	22.VI.1999
Segovia	(ANT)	4	8635XXX - 8638XXX	8314XXX - 8317XXX	15.VII.1999
Urrao	(ANT)	4	8467XXX - 8469XXX	8502XXX - 8504XXX	8.VII.1999
Valdivia	(ANT)	4	8213XXX	8360XXX	15.VII.1999
Vegachi	(ANT)	4	8694XXX - 8695XXX	8305XXX - 8306XXX	1.VI.1999

Localities included in the automatic network

Locality	DEP.	Area code	Local numbering	Date
Belén - La Plata	(HUI)	8	84707XX - 84709XX	21.V.1999
Calima - Buenaventura	(VAL)	2	25180XX - 25184XX	23.VI.1999
La Falda y Cosanza-Timaná	(HUI)	8	83757XX - 83759XX	21.V.1999
Puerto Rico	(MET)	8	65960XX - 65964XX	24.V.1999
Quiruro - Tarqui	(HUI)	8	84132XX - 84134XX	31.V.1999
Riofrio - Rivera	(HUI)	8	87913XX - 87914XX	21.V.1999

– Communication of 27.VIII.1999:

The *Empresa Nacional de Telecomunicaciones* (TELECOM), Santafé de Bogotá, D.C., announces the following modification in the telephone numbering plan of Colombia:

Locality	DEP.	Old area code	Old numbers	New area code	New numbers	Date
Aguachica	(CES)	76	650XXX - 655XXX	5	5650XXX - 5655XXX	15.VIII.1999
Cáchira	(NDS)	76	6570XX - 6572XX	5	56870XX - 56872XX	15.VIII.1999
Gamarra	(CES)	76	6460XX - 6463XX	5	56260XX - 56263XX	15.VIII.1999
La Gloria	(CES)	76	6430XX - 6433XX	5	56430XX - 56433XX	15.VIII.1999
Morales	(BOL)	76	6580XX - 6583XX	5	56980XX - 56983XX	15.VIII.1999
San Alberto	(CES)	76	645XXX	5	5645XXX	15.VIII.1999
San Martín	(CES)	76	6480XX - 6483XX	5	55480XX - 55483XX	15.VIII.1999
Santa Rosa	(BOL)	76	647XXX	5	5697XXX	15.VIII.1999
Simití						
Simití	(BOL)	76	6590XX - 6593XX	5	56990XX - 56993XX	15.VIII.1999

Localities included in the automatic network

<i>Locality</i>	<i>DEP.</i>	<i>Area code</i>	<i>Local numbering</i>	<i>Date</i>
Cerro la Peña-Bolivar	(VAL)	2	20211XX 202120X - 202122X	15.VII.1999
Cerro Basal-Versalles	(VAL)	2	22148XX - 22149XX	30.VII.1999
Chapinero-Ulloa	(VAL)	2	20759XX	30.VII.1999
El Billar-Ansemanuevo	(VAL)	2	20505XX - 20506XX	30.VII.1999
Honda Rural	(TOL)	8	25190XX - 25194XX	15.VII.1999
La Herradura-Bolivar	(VAL)	2	20210XX	15.VII.1999
La María-El Águila	(VAL)	2	20669XX	30.VII.1999
Montezuma-Ulloa	(VAL)	2	20758XX	30.VII.1999
Morelia-Roldanillo	(VAL)	2	25957XX - 25959XX	30.VII.1999
Naranjal-Bolivar	(VAL)	2	202123X - 202129X	15.VII.1999
Primavera-Bolivar	(VAL)	2	20213XX	15.VII.1999
Ricaurte-Bolivar	(VAL)	2	20214XX	15.VII.1999
San Antonio-Sevilla	(VAL)	2	21998XX	30.VII.1999
San Francisco-Toro	(VAL)	2	22118XX - 22119XX	30.VII.1999
San Pedro-La Victoria	(VAL)	2	22038XX	30.VII.1999

DEP.: Department.

Jamaica

Communication of 27.VIII.1999:

Cable and Wireless Jamaica Limited, Kingston, announces that the following new central office codes (NXX) have been activated: 511, 513, 740, 778 and 779.

The international dialling format is: +1 876 NXX XXXX.

Contact:

Cable & Wireless Jamaica Limited
Mr Osmond Dixon
Manager, Network Administration
Tf.: +1 876 920 0734
Fax: +1 876 920 5907

Montserrat

Communication of 23.VIII.1999*:

Cable and Wireless, St. John's, Antigua and Barbuda, announces on behalf of *Cable and Wireless (W.I.)*, Plymouth, Montserrat, that the complete list of exchange codes (NXX) which are now in service in Montserrat, is the following:

724	Paging	664	Audiotext
236	Centrex	411	Audiotext
491	PSTN	412	Audiotext
492	Cellular and Paging	413	Special services
410	Audiotext		

The international dialling format is: +1 664 NXX XXXX.

Administrations and recognized operating agencies (ROAs) are requested to ensure that their switching and operational databases are updated.

* See also Operational Bulletin No. 689 of 1.IV.1999, page 7.

Namibia

Communication of 30.VIII.1999:

Telecom Namibia, Windhoek, announces that the following number ranges are activated in the mobile cellular service of Namibia (country code +264):

81 1X XXXXX

81 2X XXXXX

81 3X XXXXX

Any inquiries should be addressed to Telecom Namibia:

Mr David v/d Westhuizen, Account Representative, Products
Telecom Namibia
International Commercial Business Unit
PO Box 297
WINDHOEK
Namibia
Tel.: +264 61 201 2713
Fax: +264 61 248 509
E-mail: marketing@telecom.na

Romania

Communication of 27.VIII.1999:

The *Romanian National Telecommunications Operator, ROMTELECOM*, Bucuresti, announces the activation on 15 September 1999 of a new, additional area code 93 to access the network of the mobile operator MOBIFON in Romania (country code +40).

The international dialling format is: +40 93 XXXXXX.

United Kingdom

Communication of 29.VIII.1999:

United Kingdom Numbering Scheme

The *Office of Telecommunications (OFTEL)*, London, announces the following dates for the start of parallel running (permissive dialling) of new codes within the United Kingdom (country code +44):

+44 2X	Geographic codes	1 June 1999
+44 8X	Local rate and national rate codes	no later than 30 June 1999
+44 7X	Mobile and paging codes	no later than 30 September 1999
+44 9X	Premium rate services	no later than 30 September 1998

Details of the "2X" ranges have been notified in ITU Operational Bulletin No. 655 of 1 September 1997.

All Administrations/recognized operating agencies (ROAs) are requested to ensure that access is given to all the above codes from the dates specified.

Further details of numbering changes in the United Kingdom can be found on the Internet Website <http://www.numberchange.org/what/changeslist.xls>.

Tanzania

Communication of 19.VIII.1999:

Tanzania Telecommunications Company Limited (TTCL), Dar-Es-Salaam, announces that following the installation of new digital switches in Tanzania (country code +255), the telephone number series listed below have been changed:

<i>Township</i>	<i>Area code</i>	<i>Old number series</i>	<i>New number series</i>	<i>Entry into service</i>
Mpanda	65	0 - 299	820000 - 820699	7.VIII.1999
Mbozi	65	1 - 100	580000 - 580499	14.VIII.1999
Magu	68	0 - 199	530000 - 530399	14.VIII.1999
Kahama	68	0 - 299	710000 - 710999	21.VIII.1999

Data Transmission Service (ITU-T Recommendation X.121)

International numbering plan for public data networks

Puerto Rico

Communication of 3.IX.1999:

On behalf of the Puerto Rico Telephone Company, Inc. the Administration of the United States informs that in accordance with ITU-T Recommendation X.121, the data network identification code (DNIC) 330 2 has been allocated to the Puerto Rico Telephone Company, Inc., ATM Broadband Network.

The address of the service provider is:

Puerto Rico Telephone Company, Inc.
1515 Roosevelt Ave.
San Juan 00321
Puerto Rico
Tf: +1 787 749 3576
Fax: +1 787 782 3386
E-mail: avrelior@prtc.net

Changes in Administrations/ROAs and other entities or Organizations

Kenya

Communication of 3.IX.1999:

Restructuring of the postal and telecommunication sector in Kenya

The *Administration of Kenya* announces that, as part of the restructuring of its postal and telecommunication sector, a postal and telecommunication licensing and regulatory body, the Communications Commission of Kenya (CCK), was set up in March 1999 in Kenya. Established by the Kenya Communications Act of 1998, it is mandated by law, *inter alia*, to foster the development and expansion of postal and telecommunication services in Kenya. The Minister of Transport and Communications has designated the Communications Commission of Kenya as the signatory to the ITU.

Address of the Commission and names of the senior officials*:

Director-General & CEO
Communications Commission of Kenya (CCK)
Longonot Place, Kijabe Street
P.O. Box 14448
NAIROBI
Kenya
Tf: +254 2 240165
+254 2 240173
+254 2 247734
Fax: +254 2 252547
E-mail: cck@eafix.net
URL: <http://www.cck.go.ke>
Mr S. K. Chepkong'a, Director-General & CEO
(Tel: +254 2 247737 E-mail: skchepkonga@eafix.net)
Mr R. K. N'gotwa, General Manager / Telecommunications Development
(Tel: +254 2 449373 E-mail: rngotwa@eafix.net)
Mr Z.O. Odongo, General Manager / Frequency Spectrum Management
(Tel: +254 2 440137 E-mail: zoodongo@eafix.net)
Mr Mutua Muthusi, Manager / International and Public Relations
(Tel: +254 2 240165 E-mail: mmuthusi@eafix.net)
Mrs F. Hirsi Mohamed, Assistant Manager / International Relations
(Tel: +254 2 240165 E-mail: fhmohamed@eafix.net)

* The ITU Global Directory will be updated accordingly.

Service Restrictions

Slovenia

Communication of 25.VIII.1999:

Telecom Slovenia, Ljubljana, announces that collect calls or credit card calls to certain mobile telephone numbers in Slovenia (country code +386) are not allowed.

Therefore, with effect from 1 April 1999, international operators covered by bilateral agreements are requested not to admit collect calls destined to any mobile number system within the following number range: +386 40 XXXXXX.

Contact:

Ms Violeta Bulc
Director of Carriers Operations,
Uprava, Cigaletova 15
SI-1000 LJUBLJANA
Tel: +386 61 138 1260
Fax: +386 61 133 9007

* See also Operational Bulletin No. 690, page 7.

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:

OB No.	
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).
697	Finland (p. 5/6).
698	Angola (p. 18).
699	United Arab Emirates (p. 6), Malawi (p. 6), Netherlands (p. 7), Sweden (p. 9).
700	Slovenia (p. 9)

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), Mexico (697), 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	PAR	paragraph
COL	column	REP	replace
LIR	read	SUP	delete
P	page(s)		

List of Ship Stations (List V) 39th Edition and Supplement No. 1

Part IV

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

ADD

- DP08** Ahrenkiel Shipmanagement GmbH, c/o Mr. Roland Beyer, An der Alster 45, D-20099 Hamburg, Federal Republic of Germany.
(Tf: +49 40 24838274, Fax: +49 40 24838369, Email: roland.beyer@ahrenkiel.net).
- LI02** Monrovia Communications Corporation (MONCOM), Atlantic House, P.O. Box 4394, Monrovia, Liberia.
(Tf/Fax: +231 227426).
- PG14** Marine Electronics and Services Investment Corporation, P.O. Box 55-1319, Panamá, República de Panamá.
(Tf: +507 2112883/2884/2885, Fax: +507 2112886, Email: marinele@sinfo.net, Web: <http://www.marinele.net>).

REP

- AR02** SES Sistemas Electrónicos S.A., 25 de Mayo 267, Piso 8.º, 1385-Buenos Aires, Argentina.
(Tf: +54 11 43430069, ext.: 232 ó 225, Fax: +54 11 43348145, Email: l.sinagra@ses.com.ar o f.canonico@ses.com.ar, Contact Persons: Luis Sinagra o Fernando Canónico).
- IA20** P.T. Pelayaran Tahta Bahtera, Jalan Agung Karya V Blok B Kav 5 Sunter Agung Podomoro, Jakarta-14340, Indonesia.
(Tf: +62 21 6512375/6511507/6511376, Fax: +62 21 6510778).
- IA21** P.T. Pelayaran Taruna Cipta Kencana, Komp. Graha Cempaka Mas Unit E-26, Jl. Let Jen Suprpto, Jakarta-10640, Indonesia.
(Tf: +62 21 4267068, Fax: +62 21 4267072/4267073).

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

P 184 D REP
(Supplement No. 1)

D

- b) DP01 DP02 DP03
DP04 DP05 DP07
DP08

P 186 LBR REP
(Supplement No. 1)

LBR

b) LI01 LI02

P 188 PNR REP
(Supplement No. 1)

PNR

a) AA01 BE02 BE04
BG02 BM01 CV01
CY03 DP02 DP03
EI06 EI08 FR01
GB01 GB02 GB03
GB05 GB06 GB08
GB09 GB11 GH11
GK01 GK12 GR01
GR08 GR11 GR12
HO01 HX05 HX08
IA14 IU02 IU03
JP01 JP02 JP03
JP04 JP05 KR01
NL01 NL02 PG01
PG02 PG03 PG04
PG05 PG06 PG07
PG08 PG09 RS02
SA02 TH01 US01
US02 US03 US05
YU02

b) PG01 PG02 PG03
PG04 PG05 PG06
PG07 PG08 PG09
PG10 PG13 PG14

**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. 14)

	Country/ geographical area ISPC	Location (town)/ Unique name	Name of operator
P 6	<i>Australia</i>	ADD	
	5-012-0	Sydney Switch	WorldXchange PM Ltd.
	5-012-1	Melbourne Switch	WorldXchange PM Ltd.
P 11/12	<i>United States</i>	MCI LIR	
	3-021-1	Sacramento, CA	MCI WorldCom, Inc.
	3-021-2	Pottstown, PA	MCI WorldCom, Inc.
	3-021-3	Reston, VA	MCI WorldCom, Inc.
	3-021-4	West Orange, NJ	MCI WorldCom, Inc.
	3-021-5	Dominguez Hills, CA	MCI WorldCom, Inc.

3-021-6	San Antonio, TX	MCI WorldCom, Inc.
3-021-7	Pottstown, PA	MCI WorldCom, Inc.
3-022-0	Richardson, TX	MCI WorldCom, Inc.
3-022-1	Pompano Beach, FL	MCI WorldCom, Inc.
3-022-2	Pottstown, PA	MCI WorldCom, Inc.
3-022-3	Pompano Beach, FL	MCI WorldCom, Inc.
3-022-4	West Orange, NJ	MCI WorldCom, Inc.
3-022-5	Dominguez Hills, CA	MCI WorldCom, Inc.
3-022-6	San Antonio, TX	MCI WorldCom, Inc.
3-022-7	Pottstown (3), PA	MCI WorldCom, Inc.
3-032-4	Pompano Beach, FL	MCI WorldCom, Inc.
3-032-5	Pompano Beach, FL	MCI WorldCom, Inc.
3-045-1	Richardson (3), TX	MCI WorldCom, Inc.
3-045-2	Richardson (4), TX	MCI WorldCom, Inc.
3-045-3	Pottstown (4), PA	MCI WorldCom, Inc.
3-045-4	Pompano Beach 2, FL	MCI WorldCom, Inc.

P 12 United States MFS Intelenet LIR

3-026-3	Reston, VA	MCI WorldCom, Inc.
3-026-4	Los Angeles, CA	MCI WorldCom, Inc.
3-026-5	Houston, TX	MCI WorldCom, Inc.

P 12 United States WorldCom, Inc. LIR

3-036-1	New York (9), NY	MCI WorldCom, Inc.
3-036-2	New York (3), NY	MCI WorldCom, Inc.
3-036-3	Los Angeles (2), CA	MCI WorldCom, Inc.

P 14/17 United States ADD

3-037-0	Pittsburgh, PA	AT&T
3-059-5	Dallas, TX	RSL COM USA, Inc.
3-059-6	New York (1), NY	RSL COM USA, Inc.
3-059-7	Los Angeles, CA	RSL COM USA, Inc.
3-180-0	New York (2), NY	RSL COM USA, Inc.

P 20/21 Italy ADD

2-043-0	Milano/Via Visconti di Modrone 12	Esprit Telecom Italia
2-043-1	Lucca/Viale Puccini Trav.1 1° n.134	SIT
2-043-2	Prato/Viale Monte Grappa 304	BTN
2-043-3	Milano/Viale Montenero 63	AEXIS Telecom
2-043-4	Roma/Via Monserrato 25	AEXIS Telecom
2-043-5	Torino/Corso Vittorio Emanuele II 90	AEXIS Telecom
2-043-6	Napoli/Centro Direzionale Isola G1	AEXIS Telecom
2-043-7	Brescia/Via della Volta	Serenissima Infracom
2-050-0	Milano/Via O.V. di Modrone 12	Worldlink
2-050-1	Milano/Via Viviani 8	Interoute
2-050-2	Milano/Cormano/Via Prealpi 8	Interoute
2-050-3	Roma/Vicolo C. della Strega 41	Tele2 Europe
2-050-4	Milano/Via E. Jenner 33	Carrier 1 International
2-050-5	Avezzano/Via G. Galilei	Elsacom
2-050-6	Roma/Via Macchia Palocco 223	TeleMedia Int.
2-050-7	Udine/Via Marcello snc. Palmanova	@dria.com
2-051-0	Verona/Piazzale Europa 12	Serenissima Infracom
2-051-1	Padova/Via San Marco	Serenissima Infracom
2-051-2	Milano/Via Rombon 11	Onion Communication
2-051-3	Roma/Via Ilaria Alpi 79	Viatel Global Com.

P 26	Netherlands	ADD	
	2-253-1	AMST NL 0400 T, Amsterdam	Viafoperations Communications B.V.
P 27	Portugal	LIR	
	2-137-1	Linda-a-Velha (LDV/RM1)	Companhia Portuguesa Rádio Marconi S.A.
	2-137-2	Linda-a-Velha (LDV/RM2)	Companhia Portuguesa Rádio Marconi S.A.
P 27	Portugal	ADD	
	2-138-3	Lisboa (00INTL01)	E3G-Telecomunicações, S.A.
	2-138-4	Porto (00INTP01)	E3G-Telecomunicações, S.A.
P 28	United Kingdom	ADD*	
	2-165-5	IT UK1	International Telecom
	2-165-6	Viatel Egham	Viatel UK
	2-165-7	King John Carrier 1	Colt
	2-174-0	King John Carrier 2	Colt
	2-174-1	1WF Brewster 1	ICO Global Comms
	2-174-2	MSSC Brewster 1	ICO Global Comms
	2-174-3	LDNUK1HE01	Bell South International
	2-174-4	Viatel Egham STP	Viatel UK

* This information cancels and replaces that published in Operational Bulletin No. 697 of 1.VIII.1999, page 16.

**Country/
geographical area**

Approving organization for ISPCs

P 46 **South Africa** **LIR**
South Africa

R. Nicol
South African Telecommunications Regulatory
Authority (SATRA)
Private Bag X1
MARLBORO 2063
Tel: +27 11 321 8422
Fax: +27 11 321 8550
E-mail: nicor@satra.gov.za

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)
(Amendment No. 12)

Country or area/ISO code	Company Code	Contact
Company Name/Address	(carrier code)	
P 3 Germany (Federal Republic of) / DEU ADD		
Accom Gesellschaft für Telekommunikations netze- und- dienstleistungen mbH u Co. KG Borngasse 34 D - 52064 AACHEN	ACCOM	R.A. Wilfried Boms Tel: +49 241 91852 26 Fax: +49 241 91852 99 E-mail: wilfried.boms@A1-net.de

P 3 Germany (Federal Republic of) / DEU ADD

Mannesmann Arcor AG & Co. ARCOR
Kölner Strasse 5
D-65760 ESCHBORN

Christian Hommen
Tel: +49 69 21 694836
Fax: +49 69 21 695832
E-mail: christian.hommen@arcor.net

P 3 Germany (Federal Republic of) / DEU ADD

KDD - Conos AG KDDCON
Lieselingsweg 125
D - 53119 BONN

Rolf Diederichs
Tel: +49 228 98 29 819
Fax: +49 228 98 29 899
E-mail: rolf.diederichs@conos-ag.de

P 3 Germany (Federal Republic of) / DEU ADD

MCI WorldCom Deutschland GmbH 01088
Postfach 19 04 09
D - 60091 FRANKFURT AM MAIN

Salomon Grünberg
Tel: +49 69 97268 149
Fax: +49 69 97268 899
E-mail:
salomon.gruenberg@mciworldcom.de

P 9 Eritrea / ERI Telecommunication Services of Eritrea (TSE) LIR

Telecommunication Services of ERITEL
Eritrea (TSE)
Semaetat Street No.11
PO Box 234
ASMARA

Goitom Ogbazghi
Tel: +291 111 7547
Fax: +291 112 0938
E-mail:

P 9 Spain / ESP ADD

Cable i Televisió de Catalunya MENTA
World Trade Center Ed. Est 5 Planta
Moll de Barcelona s/n
08039 BARCELONA

Jaume Salvat
Tel: +34 93 530 3106
Fax: +34 93 530 3034
E-mail: jsalvat@ctc.es

P 10 Falkland (Islands) (Malvinas) / FLK LIR

Cable and Wireless plc FKCW
PO Box 179
STANLEY

Steve Baker, GM
Tel: +500 20801
Fax: +500 22207
E-mail:

**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. 13)

Numerical order ADD

P 12 7-046 Argentine Republic
P 9 5-012 Australia
P 4 2-098 Belgium
P 12 7-050 Brazil (Federative Republic of)
P 9 4-122 China (People's Republic of)
P 6 2-239 Spain
P 8 3-188 United States of America

Aphabetical order ADD

P 13	7-046	Argentine Republic
P 13	5-012	Australia
P 13	2-098	Belgium
P 13	7-050	Brazil (Federative Republic of)
P 14	4-122	China (People's Republic of)
P 20	2-239	Spain
P 22	3-188	United States of America

SANC: Signalling Area/Network Codes
Codes de zone/réseau sémaphore
Códigos de zona/red de señalización

**List of Data Network Identification Codes (DNIC)
(According to ITU-T Recommendation X.121)
(Position on 15 January 1999)**

(Annex to ITU Operational Bulletin No. 684 – 15.I.1999)

(Amendment No. 6)

ADD

1	2	3
PUERTO RICO PUERTO RICO PUERTO RICO	330 2	ATM Broadband Network

**List of Issuer Identifier Numbers for
the international telecommunication charge card
(in accordance with ITU-T Recommendation E.118)
(Position on 1 October 1998)**

(Annex to ITU Operational Bulletin No. 677 – 1.X.1998)

(Amendment No. 17)

P 24 Hongkong 89 852 00 Hong Kong Telecom CSL Ltd. LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Hongkong	Cable & Wireless HKT CSL Ltd. 26/F Office Tower, Convention Plaza 1 Harbour Road WANCHAI	89 852 00	Richard W. Midgett, GM Taikoo Place, 979 King's Road QUARRY BAY Tel: +852 2883 8688 Fax: +852 2962 5456	

P 24 Hongkong 89 852 30 Hong Kong Telephone Company Ltd. (HKT) LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Hongkong	Cable & Wireless HKT International Limited PO Box 9896 39/F Hongkong Telecom Tower 979 King's Road, Quarry Bay	89 852 30	Manager, Int'l telephone service PO Box 9896 GPO HONGKONG Tel: +852 2888 2888 Fax: +852 2824 2323	

P 24 Hongkong 89 852 80 Hong Kong Telephone Company Ltd. (HKT) LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Hongkong	Cable & Wireless HKT International Limited PO Box 9896 39/F Hongkong Telecom Tower 979 King's Road, Quarry Bay	89 852 80	Manager, Int'l telephone service PO Box 9896 GPO HONGKONG Tel: +852 2888 2888 Fax: +852 2824 2323	

P 24 Hongkong 89 852 3 SUP*

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Hongkong	Hong Kong Telecom International Ltd. (HKTI) PO Box 9896 39/F Hongkong Telecom Tower 979 King's Road, Quarry Bay	89 852 3	Manager, Int'l telephone service PO Box 9896 GPO HONGKONG Tel: +852 2888 2888 Fax: +852 2824 2323	

* With effect from 1 January 2000.

P 24 Hongkong 89 852 8 SUP*

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Hongkong	Hong Kong Telecom International Ltd. (HKTI) PO Box 9896 39/F Hongkong Telecom Tower 979 King's Road, Quarry Bay	89 852 8	Manager, Int'l telephone service PO Box 9896 GPO HONGKONG Tel: +852 2888 2888 Fax: +852 2824 2323	

* With effect from 1 January 2000.

P 28 ADD Malawi

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Malawi	Celtel Malawi Ltd. Box 1235 BLANTYRE Malawi	89 265 02	Mats Bergström BLANTYRE Malawi Tél: +265 644022 Fax: +265 644775	immediate

P 28 ADD Maldives

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Maldives	Dhivehi Raajjeyge Gulhun Private Limited (Dhiraagu) 19 Medhuziyaaraiy Magu MALE' 20-03	89 960 01	General Manager Tél: +960 322802 Fax: +960 322800	immediate

Approving organization for IINs of listed countries (ITU-T Rec. E.118)

P 44 ADD Malawi

Country/geographical area	Approving Organization
Malawi	Malawi Communications Regulatory Authority (MACRA) P.O. Box 537 BLANTYRE Tel: +265 644022 Fax: +265 644745

P 44 ADD Maldives

Country/geographical area	Approving Organisation
Maldives	Ministry of Communication, Science and Technology Post and Telecommunication Section Telecom Building Male' Tél: +960 323344 Fax: +960 320000 E-mail: telecom@dhivehinet.net.mv