



ITU Operational Bulletin



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Subjects preceded by the letters (TSB) in the table of Contents are dealt with by the Telecommunication Standardization Bureau (TSB), contact:

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Contents

General information

- (TSB) Lists annexed to Operational Bulletin: *Note from the TSB*
- (BR) Maritime Identification Digits (MID): *Japan*
- (TSB) Assignment of Signalling Area/Network Codes (SANC) (ITU-T Recommendation Q.708 (03/99)): *Austria, Spain, France, Italy*
- (TSB) International Public Telecommunication Numbering Plan (ITU-T Recommendation E.164 (05/97)): *Note from the TSB – Assignment of Country Codes (East Timor)*
- (TSB) Legal time changes: *Belgium, Bulgaria, Falkland Islands (Malvinas), Fiji, Finland, Jordan, Poland, Syria*
- (TSB) Telegram Service: *Cameroon (Ministère des Postes et Télécommunications de la République du Cameroun, Yaoundé), Mauritania (Mauritel, Nouakchott)*
- (TSB) Telephone Service: *Bangladesh (Bangladesh Telegraph and Telephone Board, Dhaka), Denmark (National Telecom Agency, Copenhagen), Georgia (Ministry of Post and Telecommunications, Tbilisi), Kiribati (Telecom Services Kiribati Ltd. – TSKL, Bairiki Tarawa), Tanzania (Tanzania Telecommunications Company Limited – TTCL, Dar-Es-Salaam), Uruguay (Administración Nacional de Telecomunicaciones – ANTEL, Montevideo / Uruguay Telephone Numbering Plan)*
- (TSB) Data Transmission Service (ITU-T Recommendation X.121) – International numbering plan for public data networks: *Canada, Finland, Italy, Myanmar, Switzerland*
- (TSB) Changes in Administrations/ROAs and other entities or Organizations: *Mauritania (Ministère de l'Intérieur, des Postes et Télécommunications, Nouakchott / New organization in the telecommunication sector / Autorité de Régulation des Télécommunications / Mauritel, Nouakchott)*
- (TSB) Service Restrictions: *Note from the TSB*
- (TSB) Call-Back and other practices not in accordance with the relevant regulations: *Note from the TSB*

Amendments to service documents

- (BR) List of Coast Stations (List IV)
- (BR) List of Ship Stations (List V)
- (TSB) List of International Signalling Point Codes (ISPC)
- (TSB) List of ITU Carrier Codes
- (TSB) List of Signalling Area/Network Codes (SANC)
- (TSB) List of Data Network Identification Codes (DNIC)
- (TSB) List of Telegram Destination Indicators
- (TSB) List of ITU-T Recommendation E.164 assigned Country Codes
- (TSB) List of Issuer Identifier Numbers for the international telecommunication charge card

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 (11/98)) (Position on 1 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) |
| 707 | List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2000) |

* 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 on line (<http://www.itu.int/itudoc/itu-t/ob-lists>) in the ITU document database, under the heading "*Operational Bulletin and Lists annexed*".

Maritime Identification Digits (MID)

In accordance with No. **S19.35** of the Radio Regulations, the Maritime Identification Digit (MID) "432" has been allocated to Japan.

Assignment of Signalling Area/Network Codes (SANC) (ITU-T Recommendation Q.708 (03/99))

Note from the TSB

At the request of the Administrations of Austria, Spain, France and Italy, 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 (03/99):

<i>Country/geographical area or signalling network</i>	<i>SANC</i>
Austria	2-133
Spain	2-238
France	2-151
Italy	2-094

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

International Public Telecommunication Numbering Plan (ITU-T Recommendation E.164 (05/97))

Note from the TSB

Assignment of Country Codes

At the request of the United Nations Transitional Administration in East Timor (UNTAET) and according to ITU-T Recommendation E.164 (05/1997), the Director of the TSB has assigned the country code 670 to East Timor.

Legal time changes

Belgium

Communication of 19.I.2000:

Legal time in Belgium will be advanced by 60 minutes from 26 March 2000 at 0100 hours UTC to 29 October 2000 at 0100 hours UTC and thereby will correspond to UTC +2.

Bulgaria

Communication of 20.I.2000:

Legal time in Bulgaria will be advanced by 60 minutes from 26 March 2000 at 0100 hours UTC to 29 October 2000 at 0100 hours UTC and thereby will correspond to UTC +3.

Falkland Islands (Malvinas)

Communication of 24.I.2000:

Legal time in the Falkland Islands (Malvinas) will be retarded by 60 minutes from 15 April 2000 to 9 September 2000 and thereby will correspond to UTC -4.

Fiji

Communication of 25.I.2000:

Legal time in Fiji will be retarded by 60 minutes on 27 February 2000 and thereby will correspond to UTC +12.

Finland

Communication of 14.I.2000:

Legal time in Finland will be advanced by 60 minutes from 26 March 2000 at 0100 hours UTC to 29 October 2000 at 0100 hours UTC and thereby will correspond to UTC +3.

Jordan

Communication of 19.I.2000:

Legal time in Jordan will be advanced by 60 minutes from 26 March 2000 at 2200 hours UTC (0000 hours, local time) to 24 September 2000 at 2200 hours UTC (0100 hours, local time) and thereby will correspond to UTC +3.

Poland

Communication of 17.I.2000:

Legal time in Poland will be advanced by 60 minutes from 26 March 2000 at 0100 hours UTC to 29 October 2000 at 0100 hours UTC and thereby will correspond to UTC +2.

Syria

Communication of 17.I.2000:

Legal time in Syria will be advanced by 60 minutes from 1 April 2000 to 30 September 2000 and thereby will correspond to UTC +3.

Telegram Service

Cameroon

Communication of 19.I.2000:

The *Ministère des Postes et Télécommunications de la République du Cameroun*, Yaoundé, announces that following the restructuring of the telecommunication sector in Cameroon, the CAMTEL company is now the sole operator of fixed telecommunications in Cameroon. The public international telegram service, previously operated by INTELCAM, is therefore now operated by Cameroon Telecommunications (CAMTEL).

The telegram destination indicator in two letters "KN", allocated to the telegram network of Cameroon (ITU-T Recommendation F.32), also used as the telex network identification code (TNIC) (ITU-T Recommendation F.68), has been transferred from INTELCAM to CAMTEL, as from 1 July 1999*.

For all matters relating to the operation of the international telegram service, including questions relating to the exchange and settlement of accounts, correspondence should be sent to:

CAMTEL
BP 1571
YAOUNDÉ
Cameroun
Tf: +237 22 18 83
+237 23 22 92
+237 23 11 09
Tg: Camtel Yaoundé
Tlx: 970 camtel kn
Fax: +237 23 03 03

* The List of Telegram Destination Indicators published as Annex to ITU Operational Bulletin No. 692 – 15.V.1999 will be updated accordingly. See present Operational Bulletin No. 709, page 20.

Mauritania

Communication of 9.I.2000*:

Mauritel, Nouakchott, announces that as part of the process of reforming the telecommunication sector in Mauritania, the Mauritanian Government has recently separated the postal and telecommunication sectors, dividing the *Office des Postes et Télécommunications (OPT)* into two separate entities, namely:

- the Société Mauritanienne des Postes (Mauripost) and
- the Société Mauritanienne des Télécommunications (Mauritel).

The public telecommunication operator resulting from the division, known as the “Société Mauritanienne des Télécommunications (Mauritel)”, retains the addresses, telephone and fax numbers and e-mail and Internet addresses of the former OPT.

As from 1 February 2000, Mauritel will take over OPT’s responsibility for operation of Mauritania’s international telegram service. On the same date, the telegram destination indicator “MQ” will be transferred from OPT to Mauritel.

Administrations/recognized operating agencies (ROAs) are requested to address all correspondence relating to the international telegram service, including that relating to the exchange and settlement of accounts, to the following address:

Société Mauritanienne des Télécommunications
(Mauritel)
NOUAKCHOTT
Mauritanie
Tf: +222 257600
Tg: Mauritel Nouakchott
Tlx: 974 5600 mauritel mq
Fax: +222 251700
Colonel Ahmedou Ould Mohamed El Kory, Directeur général de Mauritel

* See also the communication from Mauritania published in the present Operational Bulletin No. 709 of 1.II.2000, pages 11/12 and page 20.

Telephone Service

Bangladesh

Communication of 16.I.2000:

Bangladesh Telegraph and Telephone Board, Dhaka, announces the entry into service in Bangladesh (country code +880) of the following telephone number series, as from 1 January 2000:

<i>Telephone exchange</i>	<i>Area code</i>	<i>New numbers</i>
Comilla	81	73XXX – 79XXX

The number length of the national (significant) number for Comilla (country code not included), is six or seven digits.

Denmark

Communication of 10.I.2000:

The *National Telecom Agency*, Copenhagen, announces that the following additions to the Danish telephone numbering plan have been made:

- Eight-digit subscriber numbers for mobile services

<i>Network</i>	<i>Subscriber numbers</i>
Tele1 Europe	255XXXXX
Tele Danmark A/S	299XXXXX

Georgia

Communication of 13.I.2000:

The *Ministry of Post and Telecommunications* of Georgia, Tbilisi (address: N12 Rustavell Ave. Tbilisi, 380008; Tf: +995 32 997777, Fax: + 995 32 94 1111), announces that it has awarded the licence to operate GSM 900 and GSM 1800 networks in the territory of Georgia to a company called "GT Mobile Ltd."

The Ministry of Post and Telecommunications of Georgia has determined that GT Mobile Ltd. be assigned the mobile network code (MNC) 03 to be used in combination with the mobile country code (MCC) 282 of Georgia.*

* See ITU-T Recommendation E.212 (11/98), Section 4, No. 4.4.

Kiribati

Communication of 10.I.2000:

Telecom Services Kiribati Ltd. (TSKL), Bairiki Tarawa, announces that as from 12 December 1999 all incoming international calls to Kiritimati Island on numbers +686 81XXX are routed through Telecom New Zealand (TNZ) (New Zealand) on Intelsat digital DAMA (demand assignment multiple access).

All carriers should programme their international switch centres so that their switches recognize that the routing to the numbers +686 81XXX is via TNZ.

Tanzania

Communication of 22.XII.1999:

Tanzania Telecommunications Company, Limited (TTCL), Dar-Es-Salaam, announces that following the installation of new digital switches in Makambako township, the following numbering changes have been made:

<i>Township</i>	<i>Area code</i>	<i>Old number series</i>	<i>New number series</i>	<i>Entry into service</i>
Makambako	61	0 - 199	730000 – 730499	16.X.1999

Uruguay

Communication of 10.I.2000:

Uruguay Telephone Numbering Plan

The *Administración Nacional de Telecomunicaciones (ANTEL)*, Montevideo, announces that the total length of the international telephone number (including country code +598), for the area codes and subscriber numbers beginning with the following digits, is as follows:

Country code	Area code beginning with	Subscriber number beginning with	Total length (including country code)
+598	2	1	7 to 12 (min-max)
+598	2	2	11 (fixed)
+598	2	3	11 (fixed)
+598	2	4	11 (fixed)
+598	2	5	11 (fixed)
+598	2	6	11 (fixed)
+598	2	7	11 (fixed)
+598	2	9	11 (fixed)
+598	3	any	10 (fixed)
+598	4	any	10 to 11 (min-max)
+598	5	any	10 (fixed)
+598	6	any	10 (fixed)
+598	7	any	10 (fixed)
+598	9	any	11 (fixed)

Area code 9 corresponds to mobile cellular services. Collect calls to these numbers of mobile services are not accepted.

Any information on digit analysis can be requested to Fax: +598 2 400 4545 or via e-mail to: rlazo@mail.antel.com.uy.

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

International numbering plan for public data networks

Canada

Communication of 12.I.2000:

In accordance with ITU-T Recommendation X.121, the Administration of Canada has allocated the data network identification codes (DNIC) 303 5 to the network "*North American Gateway – International Carrier ATM/Frame Relay Network*".

Address of the service provider:

Stephen Lockwood
VP Engineering
North American Gateway
TORONTO, ONTARIO
Canada
Tf: +1 416 364 8046 (ext: 1041)
Fax: +1 416 364 9482

Finland

Communication of 14.I.2000:

Telecommunications Administration Centre, Helsinki, announces that the allocation of the data network identification code (DNIC) 244 1 to "DATEX (Circuit Switched Data Network CSDN) of Telecom Finland" has been cancelled, in accordance with the provisions of ITU-T Recommendation X.121.

Furthermore, the names of the network and of the service provider to which data network identification codes (DNIC) 244 2 and 244 4 were assigned have been changed as follows:

DNIC	Old name of network	New name of network	Address of the service provider
244 2	DATAPAK (Packet Switched Data Network PSDN) of Telecom Finland	Datapak	Sonera Solutions Ltd. PDS P.O. Box 743 FIN-00051 SONERA Finland Tf: +358 20401 Fax: +358 2040 3010
244 4	Telivo Ltd.	Telia Finland Ltd.	Telia Finland Ltd. P.O. Box 24 FIN-01601 VANTAA Finland Tf: +358 303 9941 Fax: +358 303 994200

Italy

Communication of 11.I.2000:

In accordance with ITU-T Recommendation X.121, the Administration of Italy has allocated the data network identification codes (DNIC) 223 6 to the network "Trasmissione dati a commutazione di pacchetto X.25 (WIND Telecomunicazioni S.p.A.)".

Address of the service provider:

WIND Telecomunicazioni S.p.A.
Via Dalmazia, 15
I-00198 ROME
Italy
Tf: +39 06 8509 2785
Fax: +39 06 8509 5985

Myanmar

Communication of 23.XII.1999:

In accordance with ITU-T Recommendation X.121, the Administration of Myanmar has allocated the Data Network Identification Codes (DNIC) 414 1 to the network "MYANMARP".

Address of the service provider:

Packet Switching Dept.
Myanma Posts and Telecommunications
Overseas Communications Bldg.
Kaba-Aye Pagoda Rd.,
YANGON
Myanmar
Tf: +95 1 665312
Fax: +95 1 663599

Switzerland

Communication of 6.I.2000:

In accordance with ITU-T Recommendation X.121, the Administration of Switzerland announces that the following Data Network Identification Codes (DNIC) and the network names are now in use in Switzerland:

<i>DNIC</i>	<i>Old name of network</i>	<i>New name of network</i>	<i>Address of the service provider</i>
228 0	SwissNetPac	ISDNPac	SWISSCOM AG M. Jean-Yves Guillet Publicom Alte Tiefenaustrasse 6 CH - 3050 WORBLAUFEN Suisse Tf: +41 31 342 7227 Fax: +41 31 342 9392 E-Mail: jean.yves.guillet@swisscom.com
228 2	TRANSPAC-CH	Transpac-CH	Global One Communications Services AG Leutschenbachstr. 41 CH - ZÜRICH Suisse M. Massebeus Eric Direction opérative technique Tf: +41 1 308 2600 Fax: +41 1 308 2626 E-Mail: eric.massebeus@global.net
228 4	Unidata Telepac	Telepac	SWISSCOM AG M. Daniel Aebi Schermenwaldstrasse 13 CH - 3063 ITTIGEN BC-MNS Suisse Tf: +41 31 688 82 13 E-Mail: daniel.aebi@swisscom.com
228 5	Unidata Télépac (accès de réseaux privés)	Telepac (accès de réseaux privés)	SWISSCOM AG M. Daniel Aebi Schermenwaldstrasse 13 CH - 3063 ITTIGEN BC-MNS Suisse Tf: +41 31 688 82 13 E-Mail: daniel.aebi@swisscom.com
228 6	DataRail	DataRail	SBB AG Telecom SBB Technologie M. Vetsch Hanspeter Wylersstrasse 121 CH - 3000 BERN 65 Suisse Tf: +41 51 220 3741 Fax: +41 51 220 3035 E-Mail: hanspeter.vetsch@sbb.ch

Changes in Administrations/ROAs and other entities or Organizations

Mauritania

- Communication of 7.XII.1999:

New organization in the telecommunication sector

The *Ministère de l'Intérieur, des Postes et Télécommunications* of Mauritania, Nouakchott, announces that, under Act No. 99-019 on Telecommunications, a new *Autorité de Régulation des Télécommunications* independent from the OPT has been set up in Mauritania.

In accordance with the provisions of the above-mentioned Act, the *Autorité de Régulation des Télécommunications* is responsible for representing Mauritania in its relations with regional, subregional and international telecommunication institutions. It was set up within the framework of the new telecommunication regulatory policy in Mauritania, the primary aim of which is to encourage and develop competition in the telecommunication sector, which was previously dominated by state monopolies, without prejudice to the improvement of rural access. It is fully empowered to regulate the telecommunication sector, its mission being to:

- represent the Government in its relations with international, regional and sub-regional telecommunication institutions;
- ensure that the Government's policy on development of the sector is applied;
- ensure proper implementation of the plan for the development of universal access to the service and proper use of the resources from the corresponding fund;
- ensure that the telecommunication regulations are applied;
- ensure that operators have equitable access to scarce resources (frequencies, numbers and Internet domain names);
- implement transparent procedures, interconnection agreements;
- provide guidelines on tariff policy for telecommunication services.

All correspondence relating to the mission of the *Autorité de Régulation des Télécommunications*, including that relating to Mauritania's annual contribution to ITU's annual budget, should be sent to the following address:

Autorité de Régulation des Télécommunications
Ilot z
Lot 014
NOUAKCHOTT
Mauritanie
Tf: +222 29 12 41 / +222 29 12 70
Fax: +222 29 12 79
M. Sidi Abdallah Ould Kerkoub, Directeur général

- Communication of 9.I.2000 :

Mauritel, Nouakchott, announces that as part of the process of reforming the telecommunication sector in Mauritania, the Mauritanian Government has recently separated the postal and telecommunication sectors, dividing the *Office des Postes et Télécommunications (OPT)* into two separate entities, namely:

- the Société Mauritanienne des Postes (Mauripost) and
- the Société Mauritanienne des Télécommunications (Mauritel).

The public telecommunication operator resulting from the division, known as the Société Mauritanienne des Télécommunications (Mauritel), retains the addresses, telephone and fax numbers and e-mail and Internet addresses of the former OPT.

Address:

Société Mauritanienne des Télécommunications (Mauritel)
NOUAKCHOTT
Mauritanie
Tf: +222 257600
Tg: Mauritel Nouakchott (ex-ofipostel Nouakchott)
Tlx: 974 5600 mauritel mq
Fax: +222 251700
Colonel Ahmedou Ould Mohamed El Kory, Directeur général de Mauritel

Service Restrictions

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	Fiji (p. 5), Morocco (p. 9/10).
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).
701	Australia (p. 7), United Arab Emirates (p. 12), Netherlands (p. 13), Singapore (p. 5), Trinidad and Tobago (p. 13).
702	Western Samoa (p. 6).
704	Finland (p. 13).
705	Netherlands (p. 10/11).
707	Germany (p. 3), Morocco (p. 5).
708	Germany (p. 7), Netherlands (p. 4).
709	Uruguay (p. 8).

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
COL column
LIR read
P page(s)

PAR paragraph
REP replace
SUP delete

List of Coast Stations (List IV) 16th Edition and Supplements Nos. 1, 2 and 3 (Amendment No. 14)

HKG Hongkong

P 761 Note A, **LIR**

A Accounting authority: HX02 - Cable & Wireless HKT International Limited, c/o Hongkong Radio, 4/F Hermes House, 10 Middle Road, TST, Kowloon (Hongkong).

List of Ship Stations (List V) 39th Edition and Supplements Nos. 1 and 2

Part IV

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

P 234 **CYP** **REP**
(Supplement No. 2)

CYP

- | | | | |
|----|------|------|------|
| a) | BE02 | CY02 | CY03 |
| | CY05 | CY06 | CY07 |
| | DP02 | DP03 | DP05 |
| | EE02 | EI06 | GB01 |
| | GB06 | GB08 | GB11 |
| | GR01 | GR03 | GR05 |
| | GR08 | GR11 | GR12 |
| | JP03 | LV03 | NL02 |
| | RS01 | SU04 | US03 |
| b) | CY02 | CY03 | CY05 |
| | CY06 | CY07 | |

P 236 LUX REP
(Supplement No. 2)

LUX

- a) BE01 BE02 BE03
BE09 CH01 DP01
DP02 DP03 DP05
FR01 GB01 GB08
GB11 LU01 RS01
- b) LU01

**List of International Signalling Point Codes (ISPC)
(According to ITU-T Recommendation Q.708 (03/99))
(Position on 1 January 2000)**

(Annex to ITU Operational Bulletin No. 707 – 1.I.2000)

(Amendment No. 2)

Country/ geographical area ISPC	Unique name of the signalling point	Name of the signalling point operator
--	--	--

Alphabetical order

P 16 ADD Greenland		
3-018-0	Nuuk-MSK	Tele Greenland

Numerical order

P 4 Australia ADD		
5-012-4	L2ST	One.Tel Limited
5-012-5	L4ST	One.Tel Limited
P 4 Austria ADD		
2-025-0	Wien	AIT Alltrade Informations Technologie
P 43 United States ADD		
3-183-4	Atlanta (1), GA	Selex Communications, L.L.C.
3-183-5	Atlanta (2), GA	Selex Communications, L.L.C.
3-183-6	Jersey City, NJ	SK Telink America, Inc.
P 11 Finland ADD		
2-255-0	Helsinki (Nevatel-1)	Oy Nevatel Ltd.
P 11/12 France ADD		
2-021-0	SFR Lyon	SFR
2-021-2	SFR idf	SFR
2-023-3	9 Télécom Réseau 2	9 Télécom Réseau
2-023-4	Viatel 2	Viatel
2-023-5	First Télécom 1	First Télécom
2-023-6	PSN 1	Phone Systems & Networks
2-023-7	Teleglobe 1	Teleglobe France SAS

P 18	Italy	ADD	
2-001-0		Roma/Via T. Maestrelli	Albacom
2-001-1		Milano/Via A. De Gasperi S. Donato Milanese	Albacom
2-001-2		Trento/Via Gilli, 2	Infostrutture del Trentino
2-001-3		Roma/Via Di Torre Spaccata, 172	Blu S.p.A.
2-001-4		Milano/Via A. De Gasperi S. Donato Milanese	Blu S.p.A.
2-001-5		Firenze/Via Italo Piccagli, 24	Plug it S.p.A.
2-001-6		Milano/Via Caldera, 21	KPN Telecom BV
2-001-7		Milano/San Donato Milanese/ Via De Gasperi, 2	ACC Telecom
2-003-0		Genova/V. De Marini, 1 – Torre WTC	Pied.com S.p.A.
2-041-3		Firenze/Via Cironi, 32a	Wind
2-041-4		Bologna/Via del Terrapieno, 46	Wind
2-041-5		Massarosa (LU)/ via Montramito, 431A	Welcome Italia
2-041-6		Milano/Via Viviani, 8	Teleglobe Italia
2-041-7		Torino/Via Livorno, 60	Colt
P 25	Norway	ADD	
2-086-5		Oslo2	MCI WorldCom AS
P 26/27	Portugal	ADD	
2-136-7		Lisboa (HLC-MS)	HLC – Telecomunicações & Multimédia, S.A.
2-138-7		Porto (HLC-NTS)	HLC – Telecomunicações & Multimédia, S.A.
P 29	Sweden	2-080-4 NetSource Sverige AB	LIR
2-080-4		Stockholm (GTS-STO-S1)	Global TeleSystems (Sverige) AB
P 29	Sweden	ADD	
2-082-0		Stockholm (RIX1)	Rix Telecom AB

**Country/
geographical area**

Approving organization for ISPCs

P 48	ADD	Greenland	
		Greenland	Directorate for Public Works and Traffic PO Box 909 DK – 3900 NUUK Tel: +299 34 5000 Fax: +299 32 4319
P 53	Norway	LIR	
		Norway	Mr. Øyvind Haugen Post- OG Teletilsynet Norwegian Post and Telecommunications Authority Postboks 447 Sentrum N-0104 OSLO Tel: +47 22 82 4600 / 4793 Fax: +47 22 82 4790 E-mail: oyvind.haugen@npt.no

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-T Recommendation M.1400)
(Position on 15 March 1999)**

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

(Amendment No. 21)

Country or area/ISO code Company Name/Address	Company Code (carrier code)	Contact
P 3 <i>Germany / DEU</i> ACCOM LIR* Accom Gesellschaft für Telekom- munikations- netze- und- dienstleistungen mbH & Co. KG Grüner Weg 100 D - 52070 AACHEN	ACCOM	Wilfried Boms Tel: +49 241 9185226 Fax: +49 241 9185299 E-mail: wilfried.boms@A1-net.de
* See Operational Bulletin No. 700.		
P 8 <i>Colombia (Republic of) / COL</i> ADD Empresas Públicas de Medellín E.S.P. Carrera 58 Número 42-125, Piso 6 MEDELLÍN	EEPPM	Martha Elena González D. Tel: +57 1 600 8000 Ext. 1401 Fax: +57 1 601 95 14 E-mail: mgonzald@eppm.com
P 8 <i>Colombia (Republic of) / COL</i> ADD EPM-Bogotá E.S.P. Carrera 14 Número 93 A 30 SANTA FE DE BOGOTA	EPMBOG	Fernando Panesso Serna. Tel: +57 1 600 8000 Ext. 1401 Fax: +57 1 601 95 14 E-mail: fpanesso@epmbo.com
P 14 <i>Italy / ITA</i> ADD BTN S.p.A. Viale Montegrappa, 304 I – 59100 PRATO	I10190	Gianmaria Palazzetti Tel: +39 0574 53241 Fax: +39 0574 532240 E-mail: gianmaria.palazzetti@btn.it
P 14 <i>Italy / ITA</i> ADD GTS Italia S.r.l. Via Cornaggia C. Ottavio, 10 I – 20123 MILANO	GTSIT	Ing. Claudio Renna Tel: +39 02 777251 Fax: +39 02 77725599 E-mail: claudio.renna@gtseurope.com
P 14 <i>Italy / ITA</i> ADD Spal Telecomunicazioni S.p.A. Via S. Paolo, 13 I – 20121 MILANO	SPALTC	Tel: +39 02 77 29 260 Fax: +39 02 77 29 254
P 14 <i>Italy / ITA</i> ADD Adria.com Via Marcello 5 I-33057 Palmanova (UD)	ADRIAC	Paola Urso Tel: +39 0432 93 3311 Fax: +39 0432 92 3140 E-mail: paola.urso@adriacom.it
P 14 <i>Italy / ITA</i> ADD AEM-com S.r.l. Viale Trento e Trieste, 38 I – 26100 CREMONA	AEMCOM	Aurelio Bertani Tel: +39 0372 418315 Fax: +39 0372 418317 E-mail: dapbe@tin.it

<p>P 14 Italy/ITA ADD Brenner Com Via Lungo Isarco Sinistro I-39100 BOLZANO</p>	<p>BRENNE Christof Erckert Tel: +39 02 210001 Fax: +39 02 21 000204 E-mail: christof.erckert@gmx.net</p>
<p>P 14 Italy/ITA ADD MCI Worldcom S.p.A. Via S. Simpliciano, 1 I – 20121 MILANO</p>	<p>WCM Jane Collins, Director Network Implementation Fox Court, 14 Grays Road London, UK Tel: +44 20 7570 4868 Fax: +44 20 7750 3562 E-mail: jane.collins@wcom.co.uk</p>
<p>P 14 Italy/ITA ADD Omnitel Pronto Italia S.p.A. Via Jervis, 13 I-10015 IVREA (TO)</p>	<p>OPI Riccardo Beccaris Tel: +39 0125 624304 Fax: +39 0125 624727 E-mail: riccardo.beccaris@omnitel.it</p>
<p>P 14 Italy/ITA ADD Plug It S.p.A. Via Benedetto Varchi, 59 I-52100 AREZZO</p>	<p>I10040 Samuele Landi Tel: +39 0575 98 5618 Fax: +39 0575 98 4268 E-mail: samuelelandi@plugit.net</p>
<p>P 14 Italy/ITA ADD Trans World Communication S.A.M. Gildo Pastor Center 7, rue du Gabian 98000 MONACO</p>	<p>TWC Luca di Martino Tel: +377 9798 5233 Fax: +377 9798 5240 E-mail: ldimartino@twc.mc</p>
<p>P 14 Italy/ITA ADD Selene S.r.l. Via Lamarmora, 230 I – 25124 BRESCIA</p>	<p>SELENE Emilio Salvi / Francesca Amici Tel: +39 030 3554 503/4 Fax: +39 030 3554 522 E-mail: mmalinverni@asm.brescia.it</p>
<p>P 14 Italy/ITA ADD SIT Telecomunicazioni S.p.A. (Società Impianti Televisivi) Via del Ciocco I-55020 Castelvechio Pascoli BARGA (LU)</p>	<p>SIT216 Mario Andrenacci Tel: +39 0583 32 0002 Fax: +39 0583 515391 E-mail: mandrenacci@sit10133.it</p>
<p>P 14 Italy/ITA ADD Swisscom S.p.A. Via Caldera, 21 I-20153 MILANO</p>	<p>ISWISS Ruggero Bottino Tel: +39 02 38 904315 Fax: +39 02 38 904934 E-mail: ruggero.bottino@swisscom-italy.com</p>
<p>P 14 Italy/ITA ADD T.M.I. Telemedia International Ltd. Viale del Campo Boario, 56/D I-00153 ROMA</p>	<p>TEMEIN Bruno Lapadre Tel: +39 06 3689 5050/40 Fax: +39 06 3689 5002 E-mail: bruno.lapadre@hq.tminet.net</p>
<p>P 14 Italy/ITA ADD Tele2 Europe/Italia S.p.A. Via Cassanese, 210 I-20090 SEGRATE (MI)</p>	<p>T2I Marco D'Aurelio Tel: +39 02 2695 7204 Fax: +39 02 2695 7310 E-mail: marco.daurelio@tele2.com</p>

P 14 Italy / ITA ADD

TELEXIS S.r.l. (Soc. gr. Fiat)
Corso Marconi, 20
I – 10125 TORINO

TLXS94

Roberto Lilliu
Tel: +39 011 68 63 639
Fax: +39 011 68 62 478
E-mail: Roberto_lilliu@fiatgroup.com

P 14 Italy / ITA ADD

Tiscali S.p.A.
Piazza del Carmine, 22
I-09124 CAGLIARI

TIS

Luigi Filippini
Tel: +39 070 46011
Fax: +39 070 4601406
E-mail: filippini@tiscali.it

P 14 Italy / ITA ADD

Welcome Italia S.p.A.
Via Aurelia Nord, 76
I-55049 VIAREGGIO (LU)

WELCIT

Francesco Felloni
Tel: +39 0584 42441
Fax: +39 0584 4244 201
E-mail: francesco.felloni@
welcomeitalia.it

P 16 Malaysia / MYS Digi Telecommunications Sdn. Bhd. (MUTARA) LIR

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P.O. Box 7551
Su Bang Hi Tech Industrial Park
40718 Shah Alam
Selangor Darul Ehsan

DIGI

Flora Rajadurai
Tel: +60 3 7212100
Fax: +60 3 7211088
E-mail:

P 20/21 Philippines (Republic of) / PHL Philippine Communications Satellite Corporation (POTC) LIR

Philippine Communications
Satellite Corporation
11/F Telecoms Plaza Bldg
316 Sen. Gil Puyat Avenue
1200 Makati City

PCSAT

Benito A. Tolentino
Vice President, Operations
Tel: +63 2 815 9610
Fax: +63 2 817 4131
E-mail: pcsattpo@info.com.ph

P 20/21 Philippines (Republic of) / PHL Globe Telecom, Inc. (GMCR) LIR

Globe Telecom, Inc.
Globe Telecom Plaza
Pioneer corner Madison Streets
1552 Mandaluyong City

GLOBE

Teresa V. Kong
Fixed Network Planning &
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Senior Vice President
Tel: +63 2 730 2808
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E-mail: kongtv@globetel.com.ph

P 20/21 Philippines (Republic of) / PHL ADD

Express Telecommunication Inc.
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Ortigas Center
PASIG CITY

P973

Louie B. Sapiera
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Fax: +63 2 635 5428
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P 25 Suriname (Republic of) / SUR Telecommunicatiebedrijf Suriname (TELESUR) LIR

Telecommunicatiebedrijf Suriname
(TELESUR)
Heilingenweg No. 1
PO Box 1839
PARAMARIBO

TSRØ1

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E-mail: secriz@sr.net

**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. 22)

Numerical order ADD

P 5 2-133 Austria
P 6 2-238 Spain
P 5 2-151 France
P 4 2-094 Italy

Alphabetical order ADD

P 13 2-133 Austria
P 20 2-238 Spain
P 15 2-151 France
P 16 2-094 Italy

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

* See Recommendation ITU-T Q.708 (03/99).

**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. 11)

ADD

1	2	3
CANADA CANADA CANADÁ	303 5	North American Gateway – International Carrier ATM/Frame Relay Network

1	2	3
ITALIE ITALY ITALIA	223 6	Trasmissione dati a commutazione di pacchetto X.25 (WIND Telecomunicazioni S.p.A.)

1	2	3
MYANMAR MYANMAR MYANMAR	414 1	MYANMARP

P 9 FINLAND DNIC 244 1 SUP

1	2	3
FINLANDE FINLAND FINLANDIA	244 1	DATEX (Circuit Switched Data Network CSDN) of Telecom Finland

P 9 FINLANDE

DNIC 244 2 COL 3

REP DATAPAK (Packet Switched Data Network PSDN) of Telecom Finland *by* Datapak

DNIC 244 4 COL 3

REP Telivo Ltd. *by* Telia Finland Ltd.

P 17 SWITZERLAND

DNIC 228 0 COL 3

REP SwissNetPac *by* ISDNPac

DNIC 228 2 COL 3

REP TRANSPAC-CH *by* Transpac-CH

DNIC 228 4 COL 3

REP Unidata Telepac *by* Telepac

DNIC 228 5 COL 3

REP Unidata Télépac (accès de réseaux privés) *by* Telepac (accès de réseaux privés)

**List of Telegram Destination Indicators
(In accordance with ITU-T Recommendation F.32)
(Position on 15 May 1999)**

(Annex to ITU Operational Bulletin No. 692 – 15.V.1999)

(Amendment No. 10)

P 8 CAMEROON

Network code: KN

COL 2 REP*

INTELCAM – Société des télécommunications internationales du Cameroun,
Yaoundé

by

CAMTEL – Cameroon Telecommunications, Yaoundé

* As from 1 July 1999 – See the communication from Cameroon published in Operational Bulletin No. 708 of 15.I.2000, pages 5-7 and present Operational Bulletin No. 709 of 1.II.2000, pages 5/6.

P 28 MAURITANIA

Network code: MQ

COL 2 REP*

GOVT – Office des postes et télécommunications de la République islamique
de Mauritanie, Nouakchott

by

MAURITEL – Société Mauritanienne des Télécommunications, Nouakchott

* As from 1 February 2000 – See the communication from Mauritania published in present Operational Bulletin No. 709 of 1.II.2000, page 6.

**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. 7)

	Country code	Country, Geographical area or Global service	Note
Numerical order			
P 6	SUP	670	Spare code
P 6	ADD*	670	East Timor
Alphabetical order			
P 15	SUP	670	Spare code
P 11	ADD*	670	East Timor
P 18	<i>Spare codes without a note</i>		
SUP	670		

* See the Note from the TSB published on page 4 of this Operational Bulletin No. 709 of 1.II.2000.

**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. 21)

P 29 Norway 89 47 06 NetSystem International AS **LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Norway	Sense Communications International AS Munkedamsveien 45 N-0250 OSLO	89 47 06	Detlef Stübe Tel: +47 23 60 2360 Fax: +47 23 60 2370	29.V.1998

P 39 **ADD** Venezuela

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Venezuela	Corporación Digital C.A. Centro Banaven Cubo Negro, Torre B, piso 6 Chuao CARACAS 1060, Venezuela	89 58 02	Adela Vivas Tel: +58 2 902 5822 Fax: +58 2 959 6910	26.X.1999

Approving organization for IINs of listed countries (ITU-T Rec. E.118)**P 47 ADD** Venezuela

Country/geographical area	Approving Organization
Venezuela	Director General Comisión Nacional de Telecomunicaciones (CONATEL) Av. Veracruz cruce con calle Cali, Edif. CONATEL Urb. Las Mercedes CARACAS 1060, Venezuela Tel: +58 2 993 6122 Fax: +58 2 993 5864