



ITU Operational Bulletin



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Contents

General information

- (TSB) Lists annexed to Operational Bulletin: *Note from the TSB*
- (TSB) Approval of ITU-T Recommendations
- (BR) Predetermined groups of ships stations: *Spain (selective call number)*
- (BR) Maritime Mobile Service: *Belgium*
- (TSB) Assignment of Signalling Area/Network Codes (SANC) (ITU-T Recommendation Q.708 (03/99)): *Peru*
- (TSB) Suspension of service: *Germany (Deutsche Telekom AG, Bonn / CTITU B12 of 7.IV.2000)*
- (TSB) Telephone Service: *Belarus (Ministry of Posts and Telecommunications, Minsk), Liechtenstein (Office for Communications, Vaduz), Malawi (Malawi Posts and Telecommunications Corporation – MPTC, Blantyre), Mexico (Comisión Federal de Telecomunicaciones, Mexico), Tanzania (Tanzania Telecommunications Company, Limited – TTCL, Dar-Es-Salaam)*
- (TSB) Changes in Administrations/ROAs and other entities or Organizations: *Luxembourg (Ministère d'Etat, Service des Médias et des Communications)*
- (BR) Other communication: *Brazil (special call signs)*
- (TSB) Service Restrictions: *Malawi (Malawi Posts and Telecommunications Corporation, Blantyre), 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 – Last Amendment to this List
- (TSB) List of Signalling Area/Network Codes (SANC)
- (TSB) Dialling Procedures
- (TSB) Bureaufax Table

Annexes

- (TSB) List of ITU Carrier Codes (According to ITU-T Recommendation M.1400) (02/2000) (Position on 15 April 2000)
- (TSB) List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121) (Position on 15 April 2000)

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) |
| 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) |
| 711 | List of Signalling Area/Network Codes (SANC) Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 1 March 2000) |
| 714 | List of ITU Carrier Codes (According to ITU-T Recommendation M.1400) (02/2000) (Position on 15 April 2000) |
| 714 | List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121) (Position on 15 April 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".

Approval of ITU-T Recommendations

A.1 By TSB Circular 237 of 20 December 1999, it was announced that the following new and revised ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1, Section 8, of the WTSC (Geneva, 1996):

- ITU-T Recommendation D.96: Charging, billing, accounting and settlement principles for Global Mobile Personal Communications by Satellite (GMPCS) for the international telephone service
- ITU-T Recommendation D.180: Occasional provision of circuits for international sound-and television-programme transmissions
- ITU-T Recommendation D.224: Charging and accounting principles for ATM/B-ISDN
- ITU-T Recommendation D.400R: Accounting rate applicable to direct traffic relations in voice telephony among countries of Latin America and the Caribbean

The conditions governing the approval of ITU-T Recommendations were met and 55 Member States participating in the last meeting of Study Group 3 approved the text of these Recommendations during the Plenary session held on 17 December 1999.

A.2 By TSB Circular 258 of 8 March 2000, it was announced that the following new and revised ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1, Section 8, of the WTSC (Geneva, 1996):

- ITU-T Recommendation M.1340: Performance objectives, allocations and limits for international data transmission links and systems
- ITU-T Recommendation M.1380: Bringing-into-service of international leased circuits that are supported by international data transmission systems
- ITU-T Recommendation M.1385: Maintenance of international leased circuits that are supported by international data transmission systems
- ITU-T Recommendation M.1400: Designation for inter-operator networks
- ITU-T Recommendation M.1532: Network maintenance service performance agreement (MSPA)
- ITU-T Recommendation M.2102: Maintenance thresholds and procedures for recovery mechanisms (protection and restoration) of international SDH VC trails (paths) and multiplex sections
- ITU-T Recommendation M.2120: PDH path, section and transmission system and SDH path and multiplex section fault detection and localization procedures
- ITU-T Recommendation M.2130: Operational procedures for the maintenance of the transport network
- ITU-T Recommendation M.2140: Transport network event correlation
- ITU-T Recommendation M.3000: Overview of TMN Recommendations
- ITU-T Recommendation M.3010: Principles for a Telecommunications Management Network
- ITU-T Recommendation M.3013: Considerations for a Telecommunications Management Network
- ITU-T Recommendation M.3020: TMN Interface Specification Methodology
- ITU-T Recommendation M.3100 – Amendment 2: Enhancement of M.3100
- ITU-T Recommendation M.3108.2: Service Level Model for Connection Management
- ITU-T Recommendation M.3208.1 – Corrigendum 1: TMN Management Services for dedicated and reconfigurable circuits network: Leased circuit services (Corrigendum 1)
- ITU-T Recommendation M.3208.3: TMN Management Services for dedicated and reconfigurable circuits network: virtual private network

- ITU-T Recommendation M.3400: TMN Management Functions
- ITU-T Recommendation O.1: Scope and application of measurement equipment specifications covered in the O-series Recommendations
- ITU-T Recommendation O.191: Equipment to measure the cell transfer performance of ATM connections
- ITU-T Recommendation Q.812 – Amendment 3: Protocol profile for electronic communications interactive agent
- ITU-T Recommendation Q.814: Specification of an electronic data interchange interactive agent
- ITU-T Recommendation Q.815: Specification of a security model for whole message protection
- ITU-T Recommendation Q.821: Stage 2 and Stage 3 description for the Q3 interface – Alarm Surveillance
- ITU-T Recommendation Q.824.5 – Corrigendum 1: Stage 2 and Stage 3 description for the Q3 interface – customer administration: configuration management of V5 interface environments and associated customer profiles (Corrigendum 1)
- ITU-T Recommendation Q.824.7: Enhanced Broadband Switch
- ITU-T Recommendation Q.826: Stage 2 and Stage 3 Functional Specification of Call Routing Information Management on Operation System/Network Element (OS/NE) Interface
- ITU-T Recommendation Q.831.1: Access Management for V5
- ITU-T Recommendation Q.1831.1: SSF Management Information Model
- ITU-T Recommendation X.711 – Corrigendum 2: CMIP revision to include ASN.1:1997
- ITU-T Recommendation X.721 – Corrigendum 4: DMI revision to include ASN.1:1997
- ITU-T Recommendation X.722 – Corrigendum 2: Revision of GDMO to include ASN.1:1997
- ITU-T Recommendation X.723 – Corrigendum 2: Revision of GMI to include ASN.1:1997
- ITU-T Recommendation X.737 – Corrigendum 2: Confidence and Diagnostic Test categories – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.738 – Corrigendum 2: Summarization Function – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.741 – Corrigendum 3: Objects and Attributes for access control – revision to include ASN.1:1997 (Corrigendum 3)
- ITU-T Recommendation X.742 – Corrigendum 2: Usage of Metering Function for Accounting purposes – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.744 – Corrigendum 2: Software Management Function – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.745 – Corrigendum 3: Test Management Function – revision to include ASN.1:1997 (Corrigendum 3)
- ITU-T Recommendation X.746: Scheduling Function
- ITU-T Recommendation X.746 – Corrigendum 2: Scheduling Function – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.750 – Corrigendum 1: Management Knowledge Management (MKM) Function – revision to include ASN.1: 1997 (Corrigendum 1)
- ITU-T Recommendation X.751 – Corrigendum 2: Change-over Function – revision to include ASN.1:1997 (Corrigendum 2)
- ITU-T Recommendation X.754: Enhanced Event Control Function

The conditions governing the approval of ITU-T Recommendations were met and 14 Member States participating in the last meeting of Study Group 4 approved the text of these Recommendations during the Plenary session held on 4 February 2000.

Predetermined groups of ships stations

In accordance with Nos. **S19.92** and **S19.95** of the Radio Regulations, the selective call number for selective calling of predetermined groups of ship stations 54545 has been allocated to Spain.

Maritime Mobile Service

Belgium

Communication of 29.III.2000:

Radio Maritieme Diensten Oostenderadio announces that, for economic reasons, OOSTENDE RADIO coast station will cease to keep watch on the TOR frequencies 6271 and 16765 kHz.

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

Note from the TSB

At the request of the Administration of Peru, the Director of the TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling systems No. 7 network of this country/geographical area, in accordance with ITU-T Recommendation Q.708 (03/99):

| <i>Country/geographical area or signalling network</i> | <i>SANC</i> |
|--|-------------|
| Peru | 7-034 |

SANC: Signalling Area/Network Code.

Code de zone/réseau sémaphore (CZRS).

Código de zona/red de señalización (CZRS).

Suspension of service

Germany

CTITU B12 of 7.IV.2000:

Deutsche Telekom AG, Bonn, Germany, announces that it will suspend the incoming and transit traffic of international telecommunication services on the route from Tripoli, Libya to and via Germany as from 17 April 2000.

Telephone Service

Belarus

Communication of 17.III.2000:

The *Ministry of Posts and Telecommunications*, Minsk, announces that the operator of the mobile network of the GSM-900 standard "JV Mobile Digital Communications", with the brand name VELCOM, started operating on 16 April 1999 in the Republic of Belarus. The area code for this service is 29.

Subscriber number range: 6XX XXXX
International numbering format: +375 29 6XX XXXX
Test number: +375 29 600 0144

Connection to international telephone network of the mobile operator is being carried out through the communication network of Beltelecom. Payments for the traffic are made through Beltelecom in accordance with existing rates.

Contact:

JV Mobile Digital Communications
86-B Skorina Avenue
MINSK 220023
Tf: +375 17 236 8105 / +375 29 600 0101
Fax: +375 17 210 0956
E-mail: pb9229em2@belsonet.net

Liechtenstein

Communication of 24.III.2000*:

The *Office for Communications*, Vaduz, announces that following the introduction of telephony country code +423 for the Principality of Liechtenstein on 5 April 1999, the following number ranges for mobile telephone services have been opened up and are in effective use:

| <i>Service</i> | <i>Number range</i> | <i>Date of entry into service</i> |
|------------------------------|---------------------|-----------------------------------|
| GSM mobile telephone | +423 7XX XX XX | 1.IV.2000 |
| Mobility and access services | +423 6X XXX XX XX | 1.IV.2000 |

Any questions related to the implementation of the new mobile telephone numbers should be addressed to:

Mr. Frank Büchel
Deputy Director
Office for Communications
P.O. Box 684
FL-9490 VADUZ,
Liechtenstein
Tf: +423 236 6488
Fax: +423 236 6489
E-mail: frank.buechel@ak.llv.li

* This information cancels and replaces that published in ITU Operational Bulletin No. 712 of 15.III.2000. See also ITU Operational Bulletin No. 691 of 1.V.1999, pages 7-9.

Malawi

Communication of 21.III.2000:

Malawi Posts and Telecommunications Corporation (MPTC), Blantyre, announces the commissioning of new digital exchanges in the Central and Southern Regions of Malawi (country code +265).

With the commissioning of these exchanges, some subscriber numbers will change; the following is the list of exchanges and the numbering ranges:

| <i>Name of exchange</i> | <i>Old number range</i> | <i>New number range</i> | <i>Date of entry into service</i> |
|-----------------------------------|-------------------------|-------------------------|-----------------------------------|
| Lilongwe City South | 72XXXX 74XXXX | 750XXX - 759999 | IV.2000 |
| Lilongwe City Centre | 73XXXX 78XXXX | 770XXX - 776XXX | IV.2000 |
| Chitedze | 767XXX | 707XXX | III.2000 |
| Likuni | | 766XXX | XII.1999 |
| Lilongwe City Area 7 | | 761XXX - 762XXX | I.2000 |
| Lilongwe City Kanengo Area | 765XXX | 710XXX - 714XXX | I.2000 |
| Lilongwe City Area 43 | | 794XXX - 795XXX | III.2000 |
| Lilongwe City Area 20 | | 788XXX - 789XXX | III.2000 |
| Lilongwe City Area 17 | | 790XXX - 793XXX | III.2000 |
| Lilongwe City Area 18 | | 796XXX - 797XXX | I.2000 |
| Lilongwe City Area 1 | | 724XXX - 727XXX | III.2000 |
| Lilongwe City Area 50 | | 715XXX - 716XXX | I.2000 |
| Lilongwe International Airport | 760XXX | 700XXX - 701XXX | IV.2000 |
| Dedza | 220XXX | 223XXX | XII.1999 |
| Salima | 261XXX | 262XXX | IX.1999 |
| Senga Bay | | 263XXX | II.2000 |
| Zomba (Municipality) | 522XXX – 523XXX | 524XXX - 529XXX | II.2000 |
| Machinga | (manual exchange) | 549XXX | XII.1999 |
| Malosa | | 539XXX | XII.1999 |
| Songani | | 530XXX | XII.1999 |
| Changalume | | 519XXX | III.2000 |
| Dzaone | | 512XXX | IV.2000 |
| Jali | (manual exchange) | 513XXX | IV.2000 |
| Kuchawe | | 514XXX | II.2000 |
| Mayaka | | 511XXX | IV.2000 |
| Thondwe | | 535XXX | XII.1999 |
| Liwonde | | 542XXX | XII.2000 |
| Matawale | | 518XXX | I.2000 |
| Sadzi | | 515XXX | I.2000 |
| Domasi | 531XXX | 536XXX | XII.2000 |

Administrations and operators are requested to ensure that access to the above numbering ranges is made available in their networks.

For further information, contact the international operator (telephone numbers: +265 677777 / 677779 or the assistance operator service, codes 11 and 12).

Copies of the changed number lists can be obtained from:

The Manager
International Telecom Services Business Unit
Malawi Posts and Telecomms Corporation (MPTC)
P.O. Box 5595
LIMBE
Malawi
Fax: +265 620820
E-mail: mptcir@malawi.net
Attn: The Senior Telecom Officer (International Relations)

Mexico

Communication of 21.IV.2000:

The *Comisión Federal de Telecomunicaciones*, Mexico, announces that numbers have been allocated to the mobile and fixed telephony services by satellite with caller charging (geostationary-satellite systems and low-orbit satellite systems).

- The non-geographic national destination code "200" (clave de servicio no geográfico) has been introduced in Mexico for mobile or fixed telephony services by satellite with caller charging (geostationary-satellite systems). This national destination code will be available for use, should they so wish, by all satellite system operators authorized to provide public voice communication services via geostationary-satellite systems. It is to be used within the framework of a prior subscription, where the local network is under an obligation to provide this type of service to its subscribers.

- The non-geographic national destination code "201" (clave de servicio no geográfico) has been introduced in Mexico for mobile or fixed telephony services by satellite with caller charging (low-orbit satellite systems). This national destination code will be available for use, should they so wish, by all satellite system operators authorized to provide public voice communication services via low-orbit satellite systems. It is to be used within the framework of a prior subscription, where the local network is under an obligation to offer this type of service to its subscribers.

The *Comisión Federal de Telecomunicaciones* also announces that the following numbers have been allocated to the companies *Telecomunicaciones de México* and *Globalstar de México, S. de R.L. de C.V.*, for the provision of mobile or fixed telephony services by satellite:

| <i>Numbers allocated</i> | | | | |
|--|---|-------------------------|----------------------------|--|
| <i>Non-geographic destination code</i> | <i>Series of 10 000 numbers allocated</i> | <i>Network</i> | <i>Call point of entry</i> | <i>Date of entry into service of numbers</i> |
| 200 | 150 XXXX 151 XXXX | Telecomm.Movisat Voz | Cd. de México (ASL 58) | 30.XII.1999 |

For calls from other countries, the numbering formats are as follows:

+52 200 150 XXXX
+52 200 151 XXXX

| <i>Numbers allocated</i> | | | | |
|--|---|----------------|---|--|
| <i>Non-geographic destination code</i> | <i>Series of 10 000 numbers allocated</i> | <i>Network</i> | <i>Call point of entry</i> | <i>Date of entry into service of numbers</i> |
| 201 | 304 XXXX | Globalstar | San Martín Texmelucan, Pue. (ASL 255) | 22.XII.1999 |

For calls from other countries, the numbering format is as follows:

+52 201 304 XXXX

The aim is to ensure that foreign networks use the correct routing for calls to networks to which the above-mentioned numbers have been allocated.

It should also be noted that, in accordance with point 5.3 of the *Plan Técnico Fundamental de Numeración*, these numbers are non-geographic ten-digit numbers, unlike the existing eight-digit geographic numbers, and that all subscribers to the satellite networks to which the above-mentioned numbers have been allocated will be identified by means of these non-geographic numbers, which it must be possible to dial, at both the national and international levels, without the need for any translation to be effected at any point in the call.

Tanzania

Communication of 20.III.2000*:

Tanzania Telecommunications Company Limited (TTCL), Dar-Es-Salaam, announces telephone number changes in the Arusha and Morogoro regions following the introduction of new wireless local loop (WLL) switches in Arusha (municipality areas) on 17 December 1999, and Morogoro (including rural areas) on 31 December 1999.

Since December 1999, subscribers have been gradually transferred from the Copper to the WLL network. It is expected that transfers in the Morogoro region (including rural areas) and Arusha Municipality will be completed by April 2000, and that transfers in the Arusha rural areas will start by June 2000.

| <i>Town/Rural area</i> | <i>Old telephone number range</i> | <i>Old area code</i> | <i>New telephone number range</i> | <i>New area code</i> |
|--------------------------------------|--|----------------------|--|----------------------|
| Arusha Municipality | 2XXX, 3XXX, 4XXX, 6XXX, 7XXX, 8XXX | 57 | 502XXX, 503XXX, 504XXX, 506XXX, 507XXX, 508XXX | 57 |
| <i>Arusha rural areas</i> | | | | |
| Kateshi | 0-109 | | 530000-530109 | 57 |
| Duluti | 1-200 | | 553001-553200 | 57 |
| Babati | 1-240 | | 531001-531240 | 57 |
| Kibaya | 1-90 | | 552001-552090 | 57 |
| Mbulu | 1-108 | | 533001-533108 | 57 |
| Karatu | 1-100 | | 534001-534100 | 57 |
| Oldean | 1-36 | | 534201-534236 | 57 |
| Loliondo | 1-76 | | 535001-535076 | 57 |
| Ngorongoro | 1-30 | | 537001-537030 | 57 |
| Monduli | 2-100 | | 538001-538100 | 57 |
| Ewor Endek | 1-36 | | 539001-539036 | 57 |
| Mto wa mbu | 1-36 | | 539101-539136 | 57 |
| Usa River | 1-187 | | 553601-553787 | 57 |
| Kilimanjaro International Airport | 2100-2380 | 575 | 554000-554380 | 57 |
| Morogoro Municipality | 2XXX, 3XXX, 4XXX | 56 | 600XXX-605XXX | 56 |
| <i>Morogoro rural areas</i> | | | | |
| Mang'ula | 1-69 | | 620XXX | 56 |
| Mikumi | 1-69 | | 620XXX | 56 |
| Turiani | 1-69 | | 620XXX | 56 |
| Kilosa | 1-199 | | 623XXX | 56 |
| Ifakara | 1-99 | | 625XXX | 56 |
| Kidalu | 1-159 | | 626XXX | 56 |
| Mahenge | 1-99 | | 627XXX | 57 |
| Gairo | | | 628XXX | 56 |

* See also Operational Bulletin No. 713 of 1.IV.2000, pages 33-37.

Changes in Administrations/ROAs and other entities or Organizations

Luxembourg

Communication of 29.III.2000:

The Administration of Luxembourg announces that the internal organization and officials responsible within the Administration of the ITU Member State of Luxembourg are as follows:

– *Administration (Member State of ITU)*

Ministère d'Etat
Service des Médias et des Communications
5, rue Large
L-1917 LUXEMBOURG
Luxembourg
Tf: +352 47 86 71 0 94
Fax: +352 26 20 10 65 (G4/G3)
+352 47 56 62 (G3)
E-mail: paul.schuh@sma.etat.lu
E-mail: anne.blau@sma.etat.lu
S.E. M. François Biltgen, Ministre délégué aux Communications
M. Jean-Paul Zens, Premier Conseiller de Gouvernement
M. Paul Schuh, Conseiller de direction première classe
Mme Anne Blau, Attaché de Gouvernement

– *Administration under the authority of Ministry of State responsible for market surveillance, numbering and day-to day frequency spectrum management*

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45, Avenue Monterey
L-2922 LUXEMBOURG
Luxembourg
Tel: +352 45 88 45 1
Fax: +352 45 88 45 88
E-mail: ilt@ilt.etat.lu
Mme Odette Wagener, Directeur
M. Jacques Prost, Premier Conseiller de Direction
M. Edouard Wangen, Premier Conseiller de Direction

Administrations/ROAs are also requested to note that the Entreprise des P&T, Luxembourg, is a recognized operating agency providing a full range of telecommunication services. For any information regarding the operation of a telegram network, please contact the Entreprise des P&T direct on telephone number +352 47651.

* This information cancels and replaces that published in Operational Bulletin No. 704 of 15.XI.1999, page 12.

Other communication

Brazil

Communication of 6.IV.2000:

On the occasion of the 500th anniversary of the Discovery of Brazil, the Brazilian Administration authorizes its amateur stations to use the special call signs PX500I, PQ500CW, PP500C, PP500W, PP500Z, PR500W, PW500Z, PY500, PY500DD, PT500A, PT500B, PT500I, PT500PS, PT500DF, PQ500B, PQ500BA and eventually signals ZY500Y, ZV500SF, ZY500T, ZW500, ZW500T, ZZ500BR and ZY500B from 1 to 30 April 2000.

Service Restrictions

Malawi

Communication of 30.III.2000:

Malawi Posts and Telecommunications Corporation, Blantyre, announces that collect calls to the following mobile networks are not authorized:

| <i>Mobile Service Operator</i> | <i>Number range</i> |
|--------------------------------|---------------------|
| Telkom Networks Malawi Ltd. | +265 8XX XXX |
| Celtel Malawi Ltd. | +265 9XX XXX |

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. 9), Netherlands (p. 4). |
| 709 | Uruguay (p. 8). |
| 710 | Germany (p. 19), New Caledonia (p. 19). |
| 711 | Netherlands (p. 7), Slovenia (p. 8). |
| 712 | Maldives (p. 6), New Caledonia (p. 6). |
| 713 | Trinidad and Tobago (p. 38). |
| 714 | Germany (p. 6), Malawi (p. 12). |

**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 Bulletins No. 658, No. 685 and No. 710, an 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) and Resolution 29 of the WTSC-96 (Geneva, 1996).

AMENDMENTS TO SERVICE DOCUMENTS

Abbreviations used

| | | | |
|------------|---------|------------|-----------|
| ADD | insert | BY | paragraph |
| COL | column | REP | replace |
| LIR | read | SUP | delete |
| P | page(s) | | |

List of Coast Stations (List IV) 16th Edition and Supplements Nos. 1, 2 and 3

(Amendment No. 15)

DNK Denmark

P 739 Note A₁, **LIR**

A₁ Accounting authority: Lyngby Radio Accounting, Tele Denmark Ltd., Bagsvaerd Moellevej 3, DK- 2800 Lyngby (Denmark). Contact: Else Christensen
TF: +45 45 28 98 00 / 45 28 98 16
FAX: +45 44 49 53 35

P 740 Note B₁, **LIR**

B₁ Radiotelegrams

1. Land station charge (only for telegrams from abroad): 0.50 SDR per word.
2. Total charge (ship-to-shore) (per block*)
 - a) Denmark (except Faroe and Greenland)
 - i) First block: 20.— SDR.
 - ii) Additional block: 5.— SDR.
 - b) Other countries
 - i) First block: 40.— SDR.
 - ii) Additional block: 10.— SDR.
3. Surcharges
De luxe radiotelegram (LX): 2.— SDR.

* The first block consists of the address and maximum three text/signature lines. Each line must not exceed 69 characters. Each additional block consists of one text line of a maximum of 69 characters.

P 741 **SUP** note C,

Note G, **LIR**

G Radiotelex calls

Automatic operation (minimum 6 seconds)

1. Land station charge: 2.75 SDR/min.
2. Landline charge
 - a) Denmark: the landline charge is included in the land station charge.
 - b) Europe (including Faroe), Algeria, Libya, Morocco and Tunisia: 0.50 SDR/min.
 - c) Australia, Canada, United States, Greenland, Israel, Jordan and Lebanon: 1.75 SDR/min.
 - d) Other countries: 2.50 SDR/min.
 - e) Inmarsat-A/B: 2.25 SDR/min.
 - f) Inmarsat-C: 2. — SDR/min.

P 742 Note H₁, **LIR**

H₁ Radiotelephone calls (minimum 1 min.)

1. Land station charge

MF: 2.— SDR/min.
HF: 4.50 SDR/min.
VHF: 2.— SDR/min.
MF/DSC: 0.50 SDR/min.
VHF/DSC: 0.50 SDR/min.

2. Landline charge

- a) Denmark: the landline charge is included in the land station charge.
- b) Faroe, Finland, Norway and Sweden: 0.30 SDR/min.
- c) Greenland and Europe [except countries mentioned under b)]: 0.75 SDR/min.
- d) Other countries: 1.80 SDR/min.
- e) Inmarsat–A: 5.50 SDR/min.
- f) Inmarsat–B/M: 3.50 SDR/min.

3. Surcharges:

- a) Personal calls: 4.25 SDR.
- b) Collect calls: 4.25 SDR.

P 743 **SUP** note K

Note M, **LIR**

M Radiotelex letters (RTL):

Handling fee: 2.50 SDR per RTL plus charges applicable to the radiotelex service.

**List
of Ship Stations
(List V)
39th Edition
and Supplements Nos. 1, 2 and 3**

Part IV

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

REP

DP01 Deutsche Telekom AG, Zentralbereich FD, International Accounting Office,
D-64307 Darmstadt, Germany.
(Tf: +49 6151 833268, Fax: +49 6151 836926, +49 521 92103565,
Email: peter.hartwigsen@telekom.de, Contact Person: Peter Hartwigsen).

NL05 Spliethoff's Bevrachtingskantoor BV, Postbus 409, 1000 AK Amsterdam,
Netherlands.
(Tf: +31 20 4488400, Fax: +31 20 4488503, Email: gogracht@spliethoff.nl).

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

P 115 MHL REP
(Supplement No. 3)

MHL

- | | | | |
|----|------|------|------|
| a) | BE02 | CY03 | CY05 |
| | DK01 | DP02 | DP03 |
| | DP05 | EI06 | GB05 |
| | GB06 | GB08 | GB11 |
| | GK12 | GR01 | GR03 |
| | HX08 | IU03 | JP02 |
| | JP03 | JP04 | LI01 |
| | NL02 | SU04 | US01 |
| | US02 | US03 | |
| b) | - | | |

**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. 7)

| | Country/ geographical area ISPC | Unique name of the signalling point | Name of the signalling point operator |
|----------------|--|--|--|
| P 5 | <i>Belgium</i> | ADD | |
| | 2-012-0 | BAU4 | GTS |
| P 39/43 | <i>United States</i> | ADD | |
| | 3-038-6 | New York, NY | Telnext Communication, Inc. |
| | 3-038-7 | Los Angeles, CA | Telnext Communication, Inc. |
| | 3-039-0 | Miami, FL | Telnext Communication, Inc. |
| | 3-185-0 | Los Angeles, CA | InternationalTalk.com |
| | 3-185-1 | Stockton, CA | InternationalTalk.com |
| | 3-185-2 | Pottstown, PA | MCI WorldCom Inc. |
| | 3-185-3 | New York, NY | KPN International Network Services Inc. |
| | 3-185-4 | Miami, FL | IDS Telcom |
| P 11 | <i>Finland</i> | ADD | |
| | 2-255-1 | Helsinki (Interloop ISC1) | Oy Interloop Ab |
| P 16 | <i>Guatemala</i> | ADD | |
| | 7-008-3 | Centro Tránsito | Telecomunicaciones de Guatemala |
| | 7-008-4 | AT&T Guatemala | AT&T Guatemala, S.A. |
| | 7-008-5 | Americatel Guatemala | Americatel Guatemala, S.A. |
| | 7-008-6 | Gateway Guatemala | Teléfono Centroamérica Guatemala, S.A. |

| | | | |
|-------------|---------------------------------|---|---|
| P 25 | Peru | LIR | |
| 7-032-0 | Lima N1 | | Nortek Communications |
| 7-032-1 | Washington Instal 1 | | Telefónica del Perú |
| 7-032-2 | El Cercado Instal 2 | | Telefónica del Perú |
| 7-032-4 | La Victoria T2000-1 | | Tele 2000 |
| 7-032-5 | Villa El Salvador FC-1 | | Firstcom Perú |
| 7-032-6 | San Isidro GV-1 | | Global Village Telecom |
| 7-032-7 | La Victoria OC-1 | | Ormeño Comunicaciones |
| 7-033-0 | San Isidro RCP-1 | | Red Científica Peruana |
| 7-033-1 | San Isidro GC-1 | | Gamacom S.R.L. |
| 7-033-2 | San Isidro TA-1 | | Cía. Telefónica Andina |
| 7-033-3 | Miraflores FL-1 | | Full Line S.A. |
| 7-033-4 | San Isidro LT-1 | | Limatel S.A. |
| 7-033-5 | San Isidro BE-1 | | Beper Express S.A.C. |
| | | | |
| P 26 | Philippines | ADD | |
| 5-034-3 | | | Capwire |
| 5-034-7 | | | Capwire |
| 5-035-0 | | | Capwire |
| | | | |
| P 27 | Portugal | LIR | |
| 2-138-5 | Lisboa (TWINT01) | | Teleweb – Comunicações Interactivas, S.A. |
| | | | |
| P 32 | United Kingdom | 2-068-0 to 2-068-5 / 2-069-1 to 2-069-4 | British Telecom LIR |
| 2-068-0 | Kelvin 2 | | Concert |
| 2-068-1 | Kelvin | | Concert |
| 2-068-2 | Mondial 2 | | Concert |
| 2-068-3 | Keybridge C | | Concert |
| 2-068-4 | Madley A | | Concert |
| 2-068-5 | Madley B | | Concert |
| 2-069-1 | Madley C | | Concert |
| 2-069-2 | Keybridge A | | Concert |
| 2-069-3 | Kelvin ISDN Test | | Concert |
| 2-069-4 | Keybridge ISDN Test | | Concert |
| | | | |
| P 43 | Venezuela | ADD | |
| 7-068-0 | Caracas, Los Palos Grandes ID#5 | | Telcel Celular, C.A. |
| 7-068-6 | Parque Tecnológico Sartenejas | | Corporación Digitel, C.A. |
| 7-068-7 | Estado Zulia – Mara 1 | | Infonet Redes de Información, C.A. |

**Country/
geographical area**

Approving organization for ISPCs

| | | | |
|-------------|-------------|------------|--|
| P 53 | Peru | LIR | |
| Peru | | | Ministerio de Transportes, Comunicaciones, Vivienda y Construcción Ing. Miguel Osaki Suemitsu, Director General de Telecomunicaciones Av. 28 de Julio No. 800 LIMA 1 Tel: +51 1 433 7800 Fax: +51 1 433 1450 E-mail: mosaki@mtc.gob.pe |

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. 25)*

| Country or area/ISO code Company Name/Address | Company Code (carrier code) | Contact | |
|--|--|--|------------|
| P 5 Bahrain (State of) / BHR Bahrain Telecommunications Company Bahrain Telecommunications Company Building 1096 Road 1425 HAMALA 1014 | BHBTC | Ebrahim Al-Haddad Tel: +973 885510 Fax: +973 532116 E-mail: mi2@btc.com.bh | LIR |
| P 13 Indonesia (Republic of) / IDN PT Indonesia Satellite Corporation (PT INDOSAT) PT Indosat (Persero) TBK Jalan Medan Merdeka Barat 21 PO Box 2905 JAKARTA 10110 | INDSAT | J. Ken Rahendra Tel: +62 21 3869512 Fax: +62 21 3848107 E-mail: jkr@indosat.com | LIR |

* Last Amendment to this List. See new List in Annex to this Operational Bulletin No. 714.

**List of Signalling Area/Network Codes (SANC)
(Complement to ITU-T Recommendation Q.708 (03/99))
(Position on 1 March 2000)**

(Annex to ITU Operational Bulletin No. 711 – 1.III.2000)

(Amendment No. 3)

Numerical order ADD

P 11 7-034 Peru

Alphabetical order ADD

P 17 7-034 Peru

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

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. 13)

| Country/geographical area | Code | International Prefix | National Prefix | National (significant) number | Note |
|---------------------------|------|----------------------|-----------------|-------------------------------|------|
|---------------------------|------|----------------------|-----------------|-------------------------------|------|

P 7 Tanzania LIR

| | | | | | |
|----------|-----|-----|---|----------|--|
| Tanzania | 255 | 000 | 0 | 9 digits | |
|----------|-----|-----|---|----------|--|

**INTERNATIONAL TELECOMMUNICATION UNION
UNIVERSAL POSTAL UNION**

BUREAUFAX TABLE

International public facsimile service between public bureaux
(4th edition – December 1994)

Abbreviations used

| | |
|-------------------|----------------------|
| ADD insert | PAR paragraph |
| COL column | REP replace |
| LIR read | SUP delete |
| P page(s) | |

(Amendment No. 54)
15.IV.2000

P 9 ARGENTINA LIR

ARGENTINE

ARGENTINA

ARGENTINA

TELEPOST

POSTE

CONTACT/CONTACTO:

Correo Argentino S.A.
Gerencia de Operación Telegráfica
Sarmiento 151 Piso 6º Oficina 666
C1000ZAA BUENOS AIRES
ARGENTINA

TG DITEL BUENOSAIRE
TLX 21217 cyta ar

FAX +54 11 4311 6742
FAX +54 11 4311 7460
TF +54 11 4316 3435

PARTIE I

PART I

PARTE I

LIR

Nom des pays/zones géographiques avec lesquels le service international Bureaufax est ouvert:

Names of the countries/geographical areas with which the international Bureaufax service is open:

Nombre de los países/zonas geográficas con los que se explota el servicio Burofax internacional:

Allemagne, Arabie saoudite, Aruba, Australie, Belgique, Bolivie, Brésil, Cameroun, Chili, Chine, Chine (Taïwan), Chypre, Congo, Corée (Rép. de), Costa Rica, Croatie, Danemark, Egypte, Espagne, Estonie, Finlande, France, Géorgie, Grèce, Groenland, Guatemala, Hongkong, Hongrie, Inde, Indonésie, Israël, Jamaïque, Japon, Koweït, Lettonie, Luxembourg, Malaisie, Mexique, Nauru, Nicaragua, Nouvelle-Zélande, Panama, Pays-Bas, Paraguay, Pérou, Polynésie française, Portugal, Qatar, Rép. tchèque, Royaume-Uni, Russie, Sénégal, Singapour, Slovaquie, Slovénie, Suisse, Turquie, Uruguay, Venezuela, Yougoslavie.

PARTIE II

PART II

PARTE II

| COL A | COL B | COL C | COL D | COL E | COL F | COL G | COL T |
|-------|-------|-------|-------|-------|-------|-------|-------|
| | X | | | X | X | | |

PARTIE III

PART III

PARTE III

| a | 1b | 2 | 3 | 4a | 4b | 4c |
|----------|--|--------------------------------------|-----|-----------|-----------|----|
| | TÊTE DE LIGNE/GATEWAY/ CABEZA DE LÍNEA | RÉSEAU/NETWORK/ RED-RTPC/PSTN | | | | |
| C1000ZAA | BUENOS AIRES Sarmiento 151 Planta Baja | +54 11 4311 3111 +54 11 4311 4385 | 3/2 | 0800-2000 | 0800-1300 | - |



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T
TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU**

**LIST OF DATA NETWORK IDENTIFICATION
CODES (DNIC)
(According to ITU-T Recommendation X.121)**

(POSITION ON 15 APRIL 2000)

List of Data Network Identification Codes (DNIC)

Note from the TSB

1. The ITU-T Recommendation X.121 stipulates that the assignment of Data Country Codes (DCCs) is administered by the ITU. Assignment of network digits to create Data Network Identification Codes (DNICs) will be made by each Administration. The ITU/TSB is to be notified of any new assignments, re-allocations or removals of network digits by completing the notification form shown in the last page of the Annex.
2. In accordance with ITU-T Recommendation X.121, details concerning the assignment of Data Network Identification Codes (DNICs) have been individually published in the ITU Operational Bulletin and then collected in a "List of Data Network Identification Codes (DNIC)".
3. The List of this year replaces the previous one published in the Annex to the ITU Operational Bulletin No. 684 of 15 January 1999 and contains all amendments published in the ITU Operational Bulletins up to No. 713 of 1 April 2000.
4. In order to keep this List up-to-date, Administrations are requested to check the accuracy of the information published therein and to inform the TSB of any changes that should be made for its updating.
5. For any new assignment of Data Network Identification Codes (DNIC), Administrations should fill in the notification form (see last page of the Annex) and return it to the TSB, at the address indicated on the attached form.
6. For information, the List is also available on the ITU home page and can be consulted by subscribers by remote access.

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

7. The designations employed and the presentation of material in this List do not imply the expression of any opinion whatsoever on the part of the ITU concerning the legal status of any country or geographical area, or of its authorities.

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|--|--|
| 1 | 2 | 3 |
| ALGERIE ALGERIA ARGELIA | 603 0 | DZ PAC (Réseau public de données à commutation par paquet) |
| ALLEMAGNE GERMANY ALEMANIA | 262 1 262 2 262 4 262 5 262 7 262 9 263 1 263 3 263 6 264 0 264 1 264 2 264 3 264 4 264 5 264 6 264 7 264 8 264 9 265 0 265 1 265 2 265 3 265 4 265 5 265 6 265 7 265 8 | ISDN/X.25 Circuit Switched Data Service (DATEX-L) Packet Switched Data Service (DATEX-P) Satellite Services Teletex D2-Mannesmann CoNetP DPS EPS DETECON SCN INFO AG NWS ALCANET IDNS INAS-net EuroDATA MEGANET SNSPac MMONET BB-DATA-NET WestLB X.25 Net PSN/FSINFOSYSBW PAKNET DB TNET ISIS_DUS RWE TELPAC DTN/AutoFüFmNLw DRENET |
| ANGOLA ANGOLA ANGOLA | 631 5 | ANGOPAC |
| ANDORRE ANDORRA ANDORRA | 213 5 | ANDORPAC |
| ANTIGUA-ET-BARBUDA ANTIGUA AND BARBUDA ANTIGUA Y BARBUDA | 344 3 | Antigua Packet Switched Service |
| ANTILLES NEERLANDAISES NETHERLANDS ANTILLES ANTILLAS NEERLANDESAS | 362 0 362 1 | TELEMATIC NETWORK DATANET CURACAO |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|---|--|
| 1 | 2 | 3 |
| ARABIE SAOUDITE SAUDI ARABIA ARABIA SAUDITA | 420 1 | ALWASEET - Public Packet Switched Data Network |
| ARGENTINE ARGENTINA ARGENTINA | 722 1 722 2 722 3 | Nodo Internacional de Datos - TELINTAR ARPAC (ENTEL) EASYGATE (ATT) |
| ARMENIE ARMENIA ARMENIA | 283 0 | ArmPac |
| AUSTRALIE AUSTRALIA AUSTRALIA | 505 2 505 3 505 7 | Telstra Corporation Ltd. - AUSTPAC packet switching network Telstra Corporation Ltd. - AUSTPAC International Australian Private Networks |
| AUTRICHE AUSTRIA AUSTRIA | 232 2 232 9 | Dataswitch (DATAKOM) Radausdata (DATAKOM) |
| AZERBAIDJAN AZERBAIJAN AZERBAIYAN | 400 1 400 2 | AZPAK (Azerbaijan Public Packet Switched Data Network) "AzEuroTel" Joint Venture |
| BAHREIN BAHRAIN BAHREIN | 426 0 426 2 426 3 | Batelco GSM Service Bahrain Managed Data Network (MADAN) Batelco Packet Switched Node |
| BARBADE BARBADOS BARBADOS | 342 2 342 3 | CARIBNET International Data Base Access Service (IDAS) |
| BELARUS BELARUS BELARUS | 257 0 | BELPAK |
| BELGIQUE BELGIUM BELGICA | 206 2 206 4 206 5 206 6 206 7 206 8 206 9 | Réseau de transmission de données à commutation par paquets (DCS) CODENET (le code est utilisé au niveau national pour le réseau DCS) Unisource Belgium X.25 Service MOBISTAR Accès au réseau DCS via le réseau télex commuté national Accès au réseau DCS via le réseau téléphonique commuté national |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|---|--|
| 1 | 2 | 3 |
| BERMUDES <i>BERMUDA</i> BERMUDAS | 350 2 350 3 | Cable and Wireless Data Communications Node Cable and Wireless Packet Switched Node |
| BOSNIE-HERZEGOVINE <i>BOSNIA AND HERZEGOVINA</i> BOSNIA Y HERZEGOVINA | 218 0 | BIHPAK |
| BRESIL <i>BRAZIL</i> BRASIL | 724 0 724 1 724 2 724 3 724 4 724 5 724 6 724 7 725 1 725 2 725 3 725 4 725 5 725 6 725 7 725 8 725 9 | International Packet Switching Data Communication Service (INTERDATA) National Packet Switching Data Communication Service (RENPAK) RIOPAC MINASPAC TRANSPAC Fac Simile Service (DATA FAX) BRAZILIAN PRIVATE NETWORKS DATASAT BI S.PPAC TELEST PUBLIC PACKET DATA NETWORK TELEMIG Public Switched Packet Data Network PACPAR CRT/CTMR Western and Midwestern Public Switched Packet Data Network TELEBAHIA and TELERGIPE Public Switched Packet Data Network Northeastern Public Switched Packet Data Network Northern Public Switched Packet Data Network |
| BURKINA FASO <i>BURKINA FASO</i> BURKINA FASO | 613 2 | FASOPAC |
| CAMEROUN <i>CAMEROON</i> CAMERUN | 624 2 | CAMPAC |
| CANADA <i>CANADA</i> CANADA | 302 0 302 1 302 2 302 3 302 4 302 5 302 6 302 8 303 5 303 6 303 7 303 8 303 9 | Telecom Canada Datapak Network Telecom Canada PSTN Access Stentor Private Packet Switched Data Network Gateway Stentor ISDN Identification Teleglobe Canada - Globedat-C Circuit Switched Data Transmission Teleglobe Canada - Globedat-P Packed Switched Data Transmission AT&T Canada Long Distance Services – FasPac AT&T Canada Long Distance Services – Packet Switched Public Data Network (PSPDN) North American Gateway – International Carrier ATM/Frame Relay Network Sprint Canada Frame Relay Service - Packet-Switched Network TMI Communications, Limited Partnership — Mobile Data Service (MDS) X.25 public switched data network Canada Post — POSTpac — X.25 Packet Switched Data Network Telesat Canada — Anikom 200 |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|--|--|
| 1 | 2 | 3 |
| CAP-VERT CAPE VERDE CABO VERDE | 625 5 | CVDATA |
| CAYMAN (ILES) CAYMAN ISLANDS CAIMANES (ISLAS) | 346 3 | Cable and Wireless Packet Switching Node |
| CHILI CHILE CHILE | 730 2 | Red nacional de transmisión de datos |
| CHINE CHINA CHINA | 460 0 460 1 460 2 460 3 460 4 460 5 460 6 460 7 460 8 460 9 | reserved for international service Teletex and low speed data network CHINAPAC 1 (Public Packet Switched Data Network) CHINAPAC reserved for public mobile data service Public data network Dedicated network Dedicated network Dedicated network Public data network |
| CHYPRE CYPRUS CHIPRE | 280 2 280 8 280 9 | CYTAPAC - PSDN, subscribers with direct access CYTAPAC - PSDN, subscribers with access via telex CYTAPAC - PSDN, subscribers with access via PSTN - X.28, X.32 |
| COLOMBIE COLOMBIA COLOMBIA | 732 2 732 1 | COLDAPAQ RED DE ALTA VELOCIDAD |
| COREE (REP. DE) KOREA (REP. OF) COREA (REP. DE) | 450 0 450 1 450 2 | HiNET-P (KOREA TELECOM) DACOM-NET CSDN (attribué seulement au télétex/only assigned to Teletex/ atribuido solamente al teletex) |
| COSTA RICA COSTA RICA COSTA RICA | 712 0 | RACSADATOS |
| COTE D'IVOIRE COTE D'IVOIRE COTE D'IVOIRE | 612 2 | SYTRANPAC |
| CROATIE CROATIA CROACIA | 219 1 | CROAPAK (Croatian Packet Switching Data Network) |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|--|--|--|
| 1 | 2 | 3 |
| CUBA <i>CUBA</i> CUBA | 368 0 | Servicios de información por conmutación de paquetes del IDICT |
| DANEMARK <i>DENMARK</i> DINAMARCA | 238 0 238 1 238 2 238 3 238 4 238 5 | Tele Danmark A/S DATEX (Circuit Switched Network) DATAPAK (Packet Switched Network) DATAPAK (Packet Switched Network) Transpac SONOFON GSM |
| DOMINICAINE (REP.) <i>DOMINICAN REP.</i> DOMINICANA (REP.) | 370 6 | All America Cables and Radio Inc. |
| EGYPTE <i>EGYPT</i> EGIPTO | 602 6 | EGYPTNET |
| EMIRATS ARABES UNIS <i>UNITED ARAB EMIRATES</i> EMIRATOS ARABES UNIDOS | 424 1 424 3 | EMDAN Teletex Network EMDAN X.25 and X.28 Terminals |
| ESPAGNE <i>SPAIN</i> ESPANA | 214 0 214 1 214 2 214 5 214 7 214 9 | Administración Pública Nodo internacional de datos RETEVISIÓN Red IBERPAC France Telecom Redes y Servicios MegaRed |
| ESTONIE <i>ESTONIA</i> ESTONIA | 248 0 | ESTPAK |
| ETATS-UNIS <i>UNITED STATES</i> ESTADOS UNIDOS | 310 1 310 2 310 3 310 4 310 5 310 6 310 7 310 8 310 9 311 0 311 1 311 2 311 3 311 4 | PTN-1 Western Union Packet Switching Network MCI Public Data Network (ResponseNet) ITT UDTS Network MCI Public Data Network (International Gateway) WUI Leased Channel Network MCI Public Data Network (XStream) ITT Datel Network ITT Short Term Voice/Data Transmission Network RCAG DATEL II Telenet Communications Corporation RCAG DATEL I (Switched Alternate Voice-Data Service) Western Union Teletex Service RCAG Remote Global Computer Access Service (Low Speed) Western Union Infomaster |

(suite - continued - continúa)

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|------------------------------------|----------|--|
| 1 | 2 | 3 |
| (suite - continued - continuación) | | |
| ETATS-UNIS | 311 5 | Graphnet Interactive Network |
| UNITED STATES | 311 6 | Graphnet Store and Forward Network |
| ESTADOS UNIDOS | 311 7 | WUI Telex Network |
| | 311 8 | Graphnet Data Network |
| | 311 9 | TRT Packet Switching Network (IPSS) |
| | 312 0 | ITT Low Speed Network |
| | 312 1 | FTCC Circuit Switched Network |
| | 312 2 | FTCC Telex |
| | 312 3 | FTCC Domestic Packet Switched Transmission (PST) Service |
| | 312 4 | FTCC International PST Service |
| | 312 5 | UNINET |
| | 312 6 | ADP Autonet |
| | 312 7 | GTE Telenet Communications Corporation |
| | 312 8 | TRT Mail/Telex Network |
| | 312 9 | TRT Circuit Switch Data (ICSS) |
| | 313 0 | TRT Digital Data Network |
| | 313 1 | RCAG Telex Network |
| | 313 2 | Compuserve Network Services |
| | 313 3 | RCAG XNET Service |
| | 313 4 | AT+T/ACCUNET Packet Switched Capability |
| | 313 5 | ALASCOM/ALASKANET Service |
| | 313 6 | Geisco Data Network |
| | 313 7 | International Information Network Services - INFONET Service |
| | 313 8 | Fedex International Transmission Corporation - International Document Transmission Service |
| | 313 9 | KDD America, Inc. – Public Data Network |
| | 314 0 | Southern New England Telephone Company - Public Packet Network |
| | 314 1 | Bell Atlantic Telephone Companies - Advance Service |
| | 314 2 | Bellsouth Corporation - Pulselink Service |
| | 314 3 | Ameritech Operating Companies - Public Packet Data Networks |
| | 314 4 | Nynex Telephone Companies - Nyex Infopath Service |
| | 314 5 | Pacific Telesis Public Packet Switching Service |
| | 314 6 | Southwestern Bell Telephone Co. - Microlink II Public Packet Switching Service |
| | 314 7 | U.S. West, Inc. - Public Packet Switching Service |
| | 314 8 | United States Telephone Association - to be shared by local exchange telephone companies |
| | 314 9 | Cable & Wireless Communications, Inc. - Public Data Network |
| | 315 0 | Globenet, Inc. - Globenet Network Packet Switching Service |
| | 315 1 | Data America Corporation - Data America Network |
| | 315 2 | GTE Hawaiian Telephone Company, Inc. - Public Data Network |
| | 315 3 | JAIS USA-NET Public Packet Switching Service |
| | 315 4 | Nomura Computer Systems America, Inc. - NCC-A VAN public packet switching service |
| | 315 5 | Aeronautical Radio, Inc. - GLOBALINK |
| | 315 6 | American Airlines, Inc. - AANET |
| | 315 7 | COMSAT Mobile Communications - C-LINK |
| | 315 8 | Schlumberger Information Network (SINET) |
| | 315 9 | Westinghouse Communications - Westinghouse Packet Network |
| | 316 0 | Network Users Group, Ltd. - WDI NET packet |
| | 316 1 | United States Department of State, Diplomatic Telecommunications Service Black Packet Switched Data Network |
| | 316 2 | Transaction Network Services, Inc. -- TNS Public Packet-switched Network |
| | 316 6 | U.S. Department of Treasury Wide Area Data Network |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|--|---|
| 1 | 2 | 3 |
| FEROE (ILES) <i>FAROE ISLANDS</i> FEROE (ISLAS) | 288 1 | FAROEPAC |
| FIDJI <i>FIJI</i> FIJI | 542 0 542 1 | FIJPAK FIJINET |
| FINLANDE <i>FINLAND</i> FINLANDIA | 244 2 244 3 244 4 | Datapak Finpak (Packet Switched Data Network PSDN) of Helsinki Telephone Company Ltd. Telia Finland Ltd. |
| FRANCE <i>FRANCE</i> FRANCIJA | 208 0 208 1 208 2 208 3 208 4 208 5 208 6 208 9 | Réseau de transmission de données à commutation par paquets TRANSPAC Noeud de transit international Grands services publics Administrations Air France SIRIS BT France Interconnexion entre le réseau public de transmission de données Transpac et d'autres réseaux publics français, pour des services offerts en mode synchrone |
| GABON <i>GABON</i> GABON | 628 0 628 2 | GABONPAC (Réseau de transmission de données à commutation par paquets) GABONPAC2 |
| GAMBIE <i>GAMBIA</i> GAMBIA | 607 0 | GAMNET |
| GEORGIE <i>GEORGIA</i> GEORGIA | 282 1 | IBERIAPAC |
| GHANA <i>GHANA</i> GHANA | 620 2 | DATATEL |
| GRECE <i>GREECE</i> GRECIA | 202 3 202 7 | Packet Switched Public Data Network (HELLASPAC) LAN-NET |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|--|--|---|
| 1 | 2 | 3 |
| GRENADE <i>GRENADA</i> GRANADA | 352 2 | CARIBNET |
| GROENLAND <i>GREENLAND</i> GROENLANDIA | 290 1 | DATAPAK (Packet Switched Network) |
| GUAM <i>GUAM</i> GUAM | 535 1 | The Pacific Connection, Inc. - Pacnet Public Packet Switching Service |
| GUYANA <i>GUYANA</i> GUYANA | 738 0 | GT&T PAC |
| HONDURAS <i>HONDURAS</i> HONDURAS | 708 0 | HONDUPAQ |
| HONGKONG <i>HONGKONG</i> HONGKONG | 454 0 454 1 454 2 454 3 454 5 454 6 454 7 454 8 | Public Switched Document Transfer Service Hutchison Communications Limited INTELPAK New T&T DATAPAK AT&T EasyLink Services, Asia/Pacific Limited (AT&T EasyLink services) New World Telephone Limited KDD Telecomet Hong Kong Ltd. |
| HONGRIE <i>HUNGARY</i> HUNGRIA | 216 0 216 1 216 4 216 5 216 6 | Circuit Switched Data Service Packet Switched Data Service GTSNet Packet Switched Private Data Networks (DNIC shared by a number of private networks) Packet Switched Public Data Networks (DNIC shared by a number of public networks) |
| INDE <i>INDIA</i> INDIA | 404 1 404 2 404 3 | RABMN International Gateway Packet Switching System (GPSS) INET (Packet Switched Public Data Network) |
| INDONESIE <i>INDONESIA</i> INDONESIA | 510 1 | SKDP Packet Switched Service (Sambungan Komunikasi Data Paket) |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|---|---|--|
| 1 | 2 | 3 |
| INMARSAT | 111 1 111 2 111 3 111 4 | Atlantic Ocean-East Pacific Ocean Indian Ocean Atlantic Ocean-West |
| IRAN (REPUBLIQUE ISLAMIQUE D') IRAN (ISLAMIC REPUBLIC OF) IRAN (REPUBLICA ISLAMICA DEL) | 432 1 | IranPac |
| IRLANDE IRELAND IRLANDA | 272 1 272 3 272 4 272 8 | International Packet Switched Service EURONET EIRPAC (Packet Switched Data Networks) PostNET (PostGEM Packet Switched Data Network) |
| ISLANDE ICELAND ISLANDIA | 274 0 | ISPAK/ICEPAC |
| ISRAEL ISRAEL ISRAEL | 425 1 | ISRANET |
| ITALIE ITALY ITALIA | 222 1 222 2 222 3 222 6 222 7 223 3 223 4 223 5 223 6 | Rete Telex-Dati (Amministrazione P.T. / national) ITAPAC X.25 PAN (Packet Network) ITAPAC - X.32 PSTN, X.28, D channel ITAPAC International ALBADATA X.25 Trasmissione dati a commutazione di pacchetto X.25 (UNISOURCE ITALIA S.p.A.) Trasmissione dati a commutazione di pacchetto X.25 (INFOSTRADA S.p.A.) Trasmissione dati a commutazione di pacchetto X.25 (WIND Telecomunicazioni S.p.A.) |
| JAPON JAPAN JAPON | 440 0 440 1 440 2 440 3 440 4 440 5 440 6 440 7 440 8 441 2 441 3 441 5 441 6 441 7 441 8 | GLOBALNET (Network of the Global VAN Japan Incorporation) DDX-P (NTT Communications Corporation) NEC-NET (NEC Corporation) JENSNET (JENS Corporation) JAIS-NET (Japan Research Institute Ltd.) NCC-VAN (NRI Co., Ltd.) TYMNET-JAPAN (JAPAN TELECOM COMMUNICATIONS SERVICES CO., LTD.) International High Speed Switched Data Transmission Network (KDD) International Packet Switched Data Transmission Network (KDD) Sprintnet (Global One Communications, INC.) KYODO NET (UNITED NET Corp) FENICS (FUJITSU LIMITED) HINET (HITACHI Information Network, Ltd.) TIS-Net (TOYO Information Systems Co., Ltd.) TG-VAN (TOSHIBA Corporation) |

(suite - continued - continúa)

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
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| 1 | 2 | 3 |
| (suite - continued - continuación) JAPON JAPAN JAPON | 442 0 442 1 442 2 442 3 442 4 442 5 442 6 442 7 | Pana-Net (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.) DDX-P (NTT Communications Corporation) CTC-P (CHUBU TELECOMMUNICATIONS CO., INC.) JENSNET (JENS Corporation) SITA NETWORK GLOBAL MANAGED DATA SERVICE (Cable & Wireless IDC-Si) ECHO-NET (HITAHC INFORMATION SYSTEMS LTD.) U-net (NIHON UNYSYS INFORMATION SYSTEMS LTD.) |
| KAZAKSTAN KAZAKSTAN KAZAKSTAN | 401 0 401 1 | KazNet X.25 BankNet X.25 |
| KENYA KENYA KENYA | 639 0 | KENPAC - Telkom Kenya Ltd. |
| LETTONIE LATVIA LETONIA | 247 1 | Latvia Public Packed Switched Data Network |
| L'EX-REPUBLIQUE YUGOSLAVE DE MACEDOINE THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA LA EX REPUBLICA YUGOSLAVA DE MACEDONIA | 294 0 | MAKPAK |
| LIBAN LEBANON LIBANO | 415 5 | Réseau public de transmission de données par paquets |
| LITUANIE LITHUANIA LITUANIA | 246 2 246 3 | Vilnius DATAPAK LITCOM |
| LUXEMBOURG LUXEMBOURG LUXEMBURGO | 270 2 270 3 270 4 270 5 270 9 | CODENET RAPNET (Regional ATS Packet Switched Network) LUXPAC (réseau de transmission de données à commutation par paquets) LUXNET (interconnexion entre le réseau public de transmission de données et d'autres réseaux publics luxembourgeois) LUXPAC (accès X.28 et X.32 au réseau téléphonique commuté) |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
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| 1 | 2 | 3 |
| MACAU MACAU MACAU | 455 0 | MACAUPAC |
| MADAGASCAR MADAGASCAR MADAGASCAR | 646 0 | INFOPAC |
| MALAISIE MALAYSIA MALASIA | 502 1 502 3 502 4 502 6 502 7 502 8 | Malaysian Public Packet Switched Public Data Network (MAYPAC) Corporate Information Networks ACASIA-ASEAN Managed Overlay Network Mutiara Frame Relay Network Mobile Public Data Network (WAVENET) Global Management Data Services (GMDS) |
| MALDIVES MALDIVES MALDIVAS | 472 0 | DATANET (Maldives Packet Switching Service) |
| MALTE MALTA MALTA | 278 2 | MALTAPAC (Packet Switching Service) |
| MAROC MOROCCO MARRUECOS | 604 1 604 2 604 9 | MAGHRIPAC MAGHRIPAC X.32 MAGHRIPAC RTC PAD |
| MEXIQUE MEXICO MEXICO | 334 0 334 1 334 2 334 3 334 4 334 5 334 6 334 7 334 8 334 9 335 0 335 1 | TELEPAC UNITET IUSANET TEI OPTEL TELNORPAC TYMPAQ SINFRARED INTERVAN INTELCOMNET AVANTEL, S.A. ALESTRA, S. DE R.L. DE C.V. |
| MICRONESIE MICRONESIA MICRONESIA | 550 1 | FSMTC Packet Switched Network |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|--|-------------------------|---|
| 1 | 2 | 3 |
| MOZAMBIQUE MOZAMBIQUE MOZAMBIQUE | 643 5 | COMPAC (Packet Switching Public Data Network) |
| MYANMAR MYANMAR MYANMAR | 414 1 | MYANMARP |
| NAMIBIA NAMIBIA NAMIBIA | 649 0 | SWANET (Public Packet Switched Network) |
| NÉPAL NEPAL NEPAL | 429 0 | NEPPAK (Nepal Packet Switched Public Data Network) |
| NICARAGUA NICARAGUA NICARAGUA | 710 0 | NicaPac |
| NORVEGE NORWAY NORUEGA | 242 1 242 2 242 9 | DATEX (Circuit Switched Network, CSDN) DATAPAK (Packet Switched Network, PSDN) Shared by private data networks, for PNIC allocation |
| NOUVELLE-CALEDONIE NEW CALEDONIA NUEVA CALEDONIA | 546 0 | Transpac - Nouvelle Calédonie et opérateur public local |
| NOUVELLE-ZELANDE NEW ZEALAND NUEVA ZELANDIA | 530 1 | PACNET Packet Switching Network |
| OUZBEKISTAN UZBEKISTAN UZBEKISTAN | 434 1 | UzPAK |
| PAKISTAN PAKISTAN PAKISTAN | 410 1 | TRANSLINK |
| PANAMA PANAMA PANAMA | 714 1 714 4 | Red de transmisión de datos con conmutación de paquetes (INTELPAQ) CWP DATA NETWORK |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|--|---|--|
| 1 | 2 | 3 |
| PARAGUAY <i>PARAGUAY</i> PARAGUAY | 744 0 744 7 744 8 | PARABAN ANTELPAC PARAPAQ |
| PAYS-BAS <i>NETHERLANDS</i> PAISES BAJOS | 204 1 204 4 204 6 205 2 205 3 205 5 205 7 | Datanet 1 X.25 access Unisource / Unidata Unisource / VPNS NV CasTel Global One Communications BV Rabofacet BV Trionet v.o.f. |
| PEROU <i>PERU</i> PERU | 716 0 716 1 | MEGANET (PERUNET) MEGANET |
| PHILIPPINES <i>PHILIPPINES</i> FILIPINAS | 515 1 515 2 515 4 515 6 515 7 | CWI DATANET - Capitol Wireless, Inc. (CAPWIRE) Philippine Global Communications, Inc. (PHILCOM) Globe-Mackay Cable and Radio Corp. (GMCR) Eastern Telecommunications Philippines, Inc. (ETPI) DATAPAC |
| POLOGNE <i>POLAND</i> POLONIA | 260 1 260 2 260 3 260 4 260 5 260 6 260 7 | POLPAK NASK TELBANK POLPAK -T PKONET Shared by a number of data networks CUPAK |
| POLYNESIE FRANCAISE <i>FRENCH POLYNESIA</i> POLINESIA FRANCESA | 547 0 | Transpac - Polynésie et opérateur public local |
| PORTUGAL <i>PORTUGAL</i> PORTUGAL | 268 0 268 1 268 2 268 3 268 4 268 5 268 6 | TELEPAC COMNEXO, Redes de Comunicações, S.A. CPRM-Marconi Eastécnica, Electrónica e Técnica, S.A. SIBS, Sociedade Interbancária de Serviços, S.A. Global One – Comunicações, S.A. HLC, Telecomunicações & Multimédia, S.A. |
| PUERTO RICO <i>PUERTO RICO</i> PUERTO RICO | 330 2 | ATM Broadband Network |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
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| 1 | 2 | 3 |
| QATAR QATAR QATAR | 427 1 | DOHPAK |
| REP. TCHEQUE CZECH REP. REP. CHECA | 230 1 230 2 | NEXTEL Aliatel |
| ROUMANIE ROMANIA RUMANIA | 226 0 | ROMPAC |
| ROYAUME-UNI UNITED KINGDOM REINO UNIDO | 234 0 234 1 234 2 234 3 234 4 234 7 234 8 234 9 235 0 235 1 235 2 235 3 235 4 235 5 235 7 235 8 235 9 236 0 237 0 237 8 | BT International Packet Switching Service (IPSS) Packet Switched Service (PSS) BT Concert Packet Network BT Concert Packet Network BT BT Barclays Technology Services C&W X.25 Service, International Packet Gateway C & W X.25 Service Kingston Communications (Hull) PLC. Vodafone, Packet Network Service Nomura Computer Systems Europe Ltd. (NCC-E) JAIS Europe Ltd. FEDEX UK Reuters BT AT&T ISTELE GlobalOne (France Telecom) Racal Telecom |
| RUSSIE RUSSIA RUSIA | 250 0 250 1 250 2 250 3 250 4 250 6 250 7 250 8 250 9 251 0 251 1 251 2 251 3 251 4 251 5 | ROSPACK SPRINT Networks IASNET MMTEL INFOTEL ROSNET ISTOK-K TRANSINFORM LENFINCOM SOVAMNET EDITRANS TECOS PTTNET BCLNET SPTNET |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
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| 1 | 2 | 3 |
| SAINT-MARIN SAN MARINO SAN MARINO | 292 2 | X-Net SMR |
| SALOMON SOLOMON SALOMON | 540 0 | DATANET |
| SENEGAL SENEGAL SENEGAL | 608 1 | SENPAC |
| SINGAPOUR SINGAPORE SINGAPUR | 525 2 525 7 | TELEPAC (Public Packet Switching Data Network) ISDN packet switching service |
| SLOVAQUIE SLOVAKIA ESLOVAQUIA | 231 1 | EuroTel |
| SLOVÉNIE SLOVENIA ESLOVENIA | 293 1 293 2 | SIPAX.25 SIPAX.25 access through ISDN |
| SRI LANKA SRI LANKA SRI LANKA | 413 3 | M/S Electroteks Private Ltd. |
| SUDAFRICAINE (REP.) SOUTH AFRICA SUDAFRICANA (REP.) | 655 0 | Saponet – P |
| SUEDE SWEDEN SUECIA | 240 1 240 2 240 3 240 6 240 7 240 8 | Datex (Public Circuit Switched Data Network) WM-data Infrastructur Datapak (Public Packet Switched Data Network) Flex25 (Public Packet Switched Data Network) Private X.25 Networks (DNIC shared by a number of private networks) TRANSPAC Scandinavia AB |
| SUISSE SWITZERLAND SUIZA | 228 0 228 2 228 4 228 5 228 6 | ISDNPac Transpac-CH Telepac Telepac (accès de réseaux privés) DataRail |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|--|----------------------------------|--|
| 1 | 2 | 3 |
| TCHAD <i>CHAD</i> CHAD | 622 2 | TCHADPAC |
| THAILANDE <i>THAILAND</i> TAILANDIA | 520 1 520 2 520 3 520 9 | THAIPAK 1 - Public Packet Switched Data Network THAIPAK 2 - Value Added Public Packet Switched Data Network CAT Store and Forward Fax Network TOT ISDN |
| TONGA <i>TONGA</i> TONGA | 539 0 | TONGAPAK |
| TRINITE-ET-TOBAGO <i>TRINIDAD AND TOBAGO</i> TRINIDAD Y TABAGO | 374 0 374 5 | TEXDAT DATANETT |
| TURQUES ET CAIQUES (ILES) <i>TURKS AND CAICOS ISLANDS</i> TURQUESAS Y CAICOS (ISLAS) | 376 3 | Cable and Wireless Packet Switched Node |
| TURQUIE <i>TURKEY</i> TURQUIA | 286 0 286 1 286 3 286 4 | TELETEX DATEX-L Turkish Packet Switched Data Network (TURPAK) TURPAK |
| UKRAINE <i>UKRAINE</i> UCRANIA | 255 0 255 1 | UkrPack bkcNET |
| URUGUAY <i>URUGUAY</i> URUGUAY | 748 2 748 8 748 9 | URUPAC - Servicio público de transmisión de datos con conmutación de paquetes URUPAC - Interfuncionamiento con la red télex URUPAC - Interfuncionamiento con la red telefónica |
| VANUATU <i>VANUATU</i> VANUATU | 541 0 | VIAPAC (Vanuatu International Access for Packets) |
| VATICAN <i>VATICAN</i> VATICANO | 225 0 | Packet Switching Data Network (PSDN) of Vatican City State |
| YUGOSLAVIE <i>YUGOSLAVIA</i> YUGOSLAVIA | 220 1 | YUPAC (Yugoslav Packet Switched Public Data Network) |

| Country/Area | DNIC No. | Name of network to which a DNIC is allocated |
|----------------------------------|----------|--|
| 1 | 2 | 3 |
| ZAMBIE ZAMBIA ZAMBIA | 645 1 | ZAMPAK |
| ZIMBABWE ZIMBABWE ZIMBABWE | 648 4 | ZIMNET |

AMENDMENTS

| Amendment No. | Operational Bulletin No. | Country |
|---------------|--------------------------|---------|
| 1 | | |
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This Notification form should be returned to:

**International Telecommunication Union
 Telecommunication Standardization Bureau (TSB)
 Place des Nations
 CH - 1211 Genève 20
 Suisse**

Tel: +41 22 730 5222 Fax: +41 22 730 5853 E-mail: geng-sheng.li@itu.int

| Notification for the assignment of Data Network Identification Codes (DNIC) by the Administrations* | |
|--|---|
| Name and address of Administration : | |
| DNIC No.**: | |
| Name of network to which a DNIC is allocated*** : | |
| Locality of the Network (Country or Geographical Area) : | |
| Date of notification : | |
| Postal address of the service provider and from which additional information may be requested : | <hr/> <hr/> <hr/> <hr/> |
| | Tel: _____ Telex: _____ Fax: _____ E-mail: _____ |
| Your reference : | |
| Date : | |
| Signature : | |

* Further details, if any, concerning the network for which this DNIC has been assigned may be attached to this form.

** If the DNIC is shared amongst a number of networks show number range allocations. For example DNIC 750 1 is shared amongst a number of networks – 750 11 allocated to "Network-A" and 750 12 to 750 14 allocated to "Network-B".

***A separate form should be used for each DNIC



INTERNATIONAL TELECOMMUNICATION UNION

**TSB
TELECOMMUNICATION
STANDARDIZATION BUREAU
OF ITU**

**LIST OF ITU CARRIER CODES
(ACCORDING TO ITU-T RECOMMENDATION
M.1400)**

(POSITION ON 15 APRIL 2000)

List of ITU Carrier Codes

Note by the TSB

1. As the number of telecom operators in each country is growing rapidly, the number of interconnections between their networks is growing even faster. The standardization of designations of all the network interconnections is therefore of great concern for the operators involved. Only then are they able to do the provisioning and maintenance in a systematic and efficient way.
2. The proper use of ITU-T Recommendation M.1400 requires the identification of the operators sharing the interconnection. To that end an overall list of operators working in a country, with an officially recognized and standardized code for each of them, is of great help. It enables them to identify each other in a comprehensive and unique way. This will eventually result in one integrated database for all connections, in turn improving network operations and administration to the benefit of both providers and clients.
3. A centralized List of ITU Carrier Codes (ICCs) has been created with the ITU/TSB as the repository. All domestic and international carriers are expected to register with ITU/TSB for a carrier code. Instead of individual operators sending their ICCs to the TSB for registration, the national regulatory authorities are requested to provide the validated codes and related information of domestic network operators directly to the TSB.
4. The national authority in each country is requested to :
 - inform the operators in that country on the need of using the carrier codes for designations to be used in inter-operator communication
 - collect the filled-in form from each carrier/service provider/network operator in that country,
 - ensure that the Carrier Codes are unique within that country,
 - ensure that all information on the ICC Notification Form is provided, and to submit the information to the TSB Director
5. This List of ITU Carrier Codes replaces that published as an Annex to the ITU Operational Bulletin No. 688 of 15.III.1999. Since then, a number of notifications have been received at TSB and they have been published separately in various issues of the ITU Operational Bulletin. The present list recapitulates all the different amendments that have been published up to Operational Bulletin No. 714 of 15.IV.2000.
6. This List will be updated by numbered series of amendments published in the ITU Operational Bulletin. Furthermore, the information contained in this Annex is also available on the ITU home page www.itu.int/itudoc/itu-t/ob-lists, and can be consulted by subscribers by remote access. This List could also be made available on diskette as a database, on request.
7. Please address any comments, suggestions or new assignment concerning this List to the Director of the TSB:

International Telecommunication Union
Director of TSB
Tel: +41 22 730 5211
Fax: +41 22 730 5853
E-mail: tsbmail@itu.int
8. The designations employed and the presentation of material in this List do not imply the expression of any opinion whatsoever on the part of the ITU concerning the legal status of any country or geographical area, or of its authorities.

List of ITU Carrier Codes

Note: This information may be used while filling-out layer 2 record as explained in ITU-T Recommendation M.1400

| Country or area/ISO code Company Name/Address | Company Code (carrier code) | Contact |
|---|--------------------------------|---|
| Afghanistan (Islamic State of) / AFG | | |
| Ministry of Communications KABUL | MOC | Tel Fax +49 40 229 5347 E-mail |
| Albania (Republic of) / ALB | | |
| Albania Telecom 42 Rue Myslym Shyri TIRANA | AT | Pirro Ciruna, Int'l Relation Tel +355 42 28406 Fax +355 42 32200 E-mail |
| Algeria (People's Democratic Republic of) / DZA | | |
| Ministère des postes et des télécommunications 4, Boulevard Belkacem Krim 16000 ALGER | PTT | Tel +213 2 731824 Fax +213 2 712887 E-mail |
| Andorra (Principality of) / AND | | |
| Servei de Telecomunicacions d'Andorra Av. Meritxell 112 ANDORRA LA VELLA | STA | Ricard Rodrigo Tel +376 821021 Fax +376 860600 E-mail |
| Angola (Republic of) / AGO | | |
| Angola Telecom Caixa Postal 625 LUANDA | AT | Simões Alexandre Tel +244 2 334102 Fax +244 2 391688 E-mail |
| Anguilla / AIA | | |
| Cable and Wireless (W.I.) Ltd. PO Box 77 THE VALLEY | CWAXA | Robert Calvett, GM Tel +1 264 497 2650 Fax +1 264 497 3390 E-mail |
| Antigua and Barbuda / ATG | | |
| Cable and Wireless (W.I.) Ltd. PO Box 65, 42/44 St. Mary's Street ST. JOHN'S, Antigua | CWANU | Mark R. Macfee, GM Tel +1 268 462 0810 Fax +1 268 462 0843 E-mail |
| Argentine Republic / ARG | | |
| Telecom Argentina S.A. Avda del Libertador 498 Piso 26 1001 BUENOS AIRES | TECO | Robert Grippai Tel +54 11 4968 1571 Fax +54 11 4968 1072 E-mail |
| Telefónica de Argentina S.A. Av. de Mayo 701, Piso 23 1083 BUENOS AIRES | TASA | Eduardo Gabelloni Tel +54 11 4328 7741 Fax +54 11 4326 2821 E-mail |
| Telefónica Larga Distancia de Argentina S.A. (TLDA) Presidente Perón PB 1286 1038 BUENOS AIRES | TLDA | Hector Arman Tel +54 11 4370 1522 Fax +54 11 4382 7509 E-mail harman@tlda.com.ar |

| Country or area/ISO code Company Name/Address | Company Code (carrier code) | Contact |
|---|--|--|
| Armenia (Republic of) / ARM | | |
| Armenia Telephone Company 22, Sarian Street YEREVAN 375002 | ARMTEL | Konstantinos Paisopoulos Tel +374 2 545556 Fax +374 2 151303 E-mail |
| Aruba / ABW | | |
| SETAR, Servicio di Telecomunicacion di Aruba Seroe Blanco, Hendrikstraat 20-22 ORANJESTAD | SETAR | Int'l Operational Affaires Tel +297 8 30950 Fax +297 8 32977 E-mail |
| Ascension / ASC | | |
| Cable and Wireless plc GEORGETOWN Ascension Island | ASC | Geoffrey Augustus Tel +247 6559 Fax +247 6558 E-mail |
| Australia / AUS | | |
| AAPT Ltd AAP Centre, 9 Lang Street SYDNEY NSW 2001 | AAPT | Tony Chamberlain Tel +61 2 9377 7167 Fax +61 2 9377 7781 E-mail |
| Cable and Wireless Optus Ltd. PO Box 1 SYDNEY NSW 2059 | OPTUS | Rob Gillan Tel +61 2 9342 8170 Fax +61 2 9342 7766 E-mail |
| Telstra Corporation Ltd. PO Box 7000 SYDNEY NSW 2001 | TELSTR | John Pellicano Tel +61 2 9287 5678 Fax +61 2 9287 5617 E-mail |
| Austria / AUT | | |
| Airpage Telekommunikation AG Industriestrasse 1/11 A-7053 HORNSTEIN | AIRPAG | Thomas Bittermann Tel +43 688 2123 255 Fax +43 688 2123 123 E-mail bittermann@airpage.at |
| Connect Austria Gesellschaft für Telekommunikation GmbH Brünnerstr. 52 A-1210 WIEN | CNAT | Jüßen Harti Tel +43 1 27728 3080 Fax +43 1 27728 3082 E-mail |
| CyberTron Austrian Digital Telekom GmbH Davidgasse 94 A-1100 WIEN | CYBER | Christian Forstner Tel +43 1 919 29 Fax +43 1 919 29 1209 E-mail |
| Datakom Austria A.G. Wiedner Hauptstrasse 73 A-WIEN 1042 | RAC | Heldge Luze Tel +43 1 50145 0 Fax +43 1 50260 E-mail |
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| ROM TELECOM Bul. Libertatii 14 70060 BUCURESTI | ROMTL | Tel +40 1 400 1212 Fax +40 1 311 0934 E-mail |
| Russian Federation / RUS | | |
| Rostelecom 5, Delegatskaya Street 103091 MOSCOW | ROSTEL | Nikolay, D.G. Tel +7 095 292 7127 Fax +7 095 924 7062 E-mail |
| Rwandese Republic / RWA | | |
| Rwandatel S.A. BP 1332 KIGALI | RWTL | Bizimana Assumani Tel +250 76777 Fax +250 74460 E-mail |
| Saint Helena / SHN | | |
| Cable and Wireless plc PO Box 2 THE BRIARS | STHCW | George Stevens, GM Tel +290 2211 Fax +290 2213 E-mail |
| Saint Kitts and Nevis / KNA | | |
| St. Kitts and Nevis Telecommunications Ltd. PO Box 86, Cayon Street BASETERRE, ST. KITTS | SKNT | David Wright Tel +1 869 465 1909 Fax +1 869 465 1111 E-mail |
| Saint Lucia / LCA | | |
| Cable and Wireless (St. Lucia) Ltd. PO Box 111, Bridge Street CASTRIES | CWSLU | Grant Addod Ha Tel +1 758 453 9443 Fax +1 758 453 9707 E-mail |
| Saint Pierre and Miquelon (Collectivité territoriale de la République française) / SPM | | |
| France Telecom | FT | Claire Paponneau Tel +33 1 43 42 80 79 Fax +33 1 43 42 55 20 E-mail |
| Saint Vincent and the Grenadines / VCT | | |
| Cable and Wireless (W.I.) Ltd. PO Box 103, Halifax Street KINGSTOWN | CWSVD | Bert Bonadie, GM Tel +1 784 457 1099 Fax +1 784 457 2777 E-mail |
| Samoa (Independent State of) / WSM | | |
| Samoa Communications Ltd. Chief Post Office, Beach Road APIA | PTD | Sapau R. Petaia Tel +685 23456 Fax +685 20310 E-mail |
| San Marino (Republic of) / SMR | | |
| Intelcom San Marino S.P.A. Strada Degli Angariari, 3 ROVERETA 47031 | ISM | Carlo Delavigne Tel +378 0549 886230 Fax +378 0549 908654 E-mail |

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| Telefonia Mobile Sammarinese Via 28 Luglio 47893 BORGO MAGGIORE | TMS | Giuseppe Della Balda Tel +378 0549 903754 Fax +378 0549 907093 E-mail net.2000@omniway.sm |
| Telenet S.R.L. Via Guardia del Consiglio 11 47891 GALAZZANO | TELNET | Marco Comandini Tel +378 0549 886377 Fax +378 0549 908999 E-mail info@telenet.sm |
| Sao Tome and Principe (Democratic Republic of) / STP | | |
| Companhia Santomese de Telecomunicações, SARL (CST) Caixa Postal 141, 12 Av. de Julho SAO TOME | CSTSTP | Carlos Gonçalves Tel +239 12 22226 Fax +239 12 22500 E-mail |
| Saudi Arabia (Kingdom of) / SAU | | |
| Ministry of Post, Telegraph & Telephone, Saudi Telecom PO Box 87912 11112 RIYADH | MOPTT | Tario A. Balkheyour Tel +966 1 452 7218 Fax +966 1 454 7204 E-mail |
| Senegal (Republic of) / SEN | | |
| Société Nationale des Télécommunications du Sénégal Boîte postale 69, 2 rue Wagane Diouf DAKAR | SONATL | Souleymane Mbaye Tel +221 821 6275 Fax +221 822 1492 E-mail |
| Seychelles (Republic of) / SYC | | |
| Cable and Wireless (Seychelles) Ltd. PO Box 4, Victoria MAHE | CWSEZ | Philip Sumser, Manager Eng. Tel +248 224007 Fax +248 225507 E-mail |
| Sierra Leone / SLE | | |
| Sierra Leone Telecommunications Company Ltd. (SIERRATEL) PO Box 80, 7 Wallace Johnson Street FREETOWN | SLTEL | F.E. Jarrett Tel +232 22 222804 Fax +232 22 224439 E-mail |
| Singapore (Republic of) / SGP | | |
| Singapore Telecommunications Ltd. (Singapore Telecom) 31 Exeter Road, Comcentre #18-00 00923 SINGAPORE | ST | Ying Lai Chang Tel +65 838 3213 Fax +65 732 1044 E-mail |
| StarHub Pte Ltd. 51 Cuppage Road 07-00 SINGAPORE 229469 | STARHP | Cannice Lee Yan Ling Tel +65 880 5721 Fax +65 736 6048 E-mail cannicel@starhub.com.sg |
| Slovak Republic / SVK | | |
| Slovenské Telekomunikácie a.s. (Slovak Telecom) Námestie Slobody 6 81762 BRATISLAVA | SKTELI | Dusan Volcko Tel +421 7 5249 8745 Fax +421 7 5249 5155 E-mail dusan.volcko@st.sk |

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|--|--------------------------------|--|
| Slovenia (Republic of) / SVN | | |
| Telekom Slovenije, p.o. Cigaletova 15 SI-61000 LJUBLJANA | TKSI | Drago Majcen Tel +386 1 130 4440 Fax +386 1 131 4736 E-mail |
| Solomon Islands / SLB | | |
| Solomon Telekom Company Ltd. PO Box 148 HONIARA | STC | Peter Johnson, Manager Eng. Tel +677 30494 Fax +677 30697 E-mail |
| Somali Democratic Republic / SOM | | |
| Ministry of Posts and Telecommunications MOGADISHU | MPT | Tel +252 20058 Fax E-mail |
| South Africa (Republic of) / ZAF | | |
| Telkom SA Ltd. Private Bag X74 PRETORIA 0001 | TELKOM | L.R.J. Erasmus Tel +27 12 311 1623 Fax +27 12 311 4001 E-mail |
| Spain / ESP | | |
| American Telecom S.A. Calle Rio Bullaque 2 E-28034 MADRID | AMTEL | Luis M. Alarcon Tel +34 91 334 5900 Fax +34 91 334 5905 E-mail |
| Aragón de Cable, S.A. Aznar Molina 2 50002 ZARAGOZA | ABLE | Jaime Gros Bañeres Tel +34 976 20 3020 Fax +34 976 76 0030 E-mail ecomina@aracable.es |
| Cable I Televisió de Catalunya World Trade Center Ed. Est 5 Planta 08039 BARCELONA | MENTA | Jaume Salvat Tel +34 93 530 3106 Fax +34 93 530 3034 E-mail jsalvat@ctc.es |
| FaciliCom International Spain P. E. San Fernando, Avd. De Castilla 2 28830 SAN FERNANDO DE HENARES | FCI | Jesus Arrieta Tel +34 91 660 2500 Fax +34 91 660 2510 E-mail |
| Madritel Comunicaciones S.A. Calle Obenque No. 4 28042 MADRID | MADCOM | Javier Gerboles de Galdiz Tel +34 91 234 6000 Fax +34 91 234 6959 E-mail jgerboles@madritel.es |
| R Cable y Telecomunicaciones Coruña S.A. Real 85 15003 CORUNA A, España | RCTC | Juan Manuel Sanchez Padros Tel +34 981 911000 Fax +34 981 911002 E-mail |
| R Cable y Telecomunicaciones Galicia S.A. Real 85 15003 CORUNA A, España | RCTG | Juan Manuel Sanchez Padrós Tel +34 981 911000 Fax +34 981 911002 E-mail |

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| Redes de Telecomunicación de Navarra, S.A. Ctra Zaragoza Km3 31191 CORDEVILLA (NAVARRA) | RETENA | Jaime Solé Sedú, DG Tel +34 948 297600 Fax +34 948 295379 E-mail jsole@retena.es |
| Reterioja, S.A. Calle Piqueras 38 26006 LOGROÑO | RRIOJA | Jaime Solé Sedú, DG Tel +34 941 238113 Fax +34 941 249417 E-mail jsole@reterioja.es |
| Retevisión Móvil Paseo de la Marina, No 16-18 PTA 25.o E-08005 BARCELONA | AMENA | J. Joaquin Mollinedo Tel +34 91 206 5000 Fax +34 91 206 5074 E-mail luz.usamentiaga@amena.es |
| Retevisión, S.A. Avenida Diagonal 379-585 08014 BARCELONA | RTVES | J. J. Lopez Tafall Boscuñana Tel +34 91 202 4160 Fax +34 91 201 4585 E-mail |
| Supercable Almería Telecomunicaciones, S.A. Avda de la Buhaira 29 46018 SEVILLA | SCALME | Juán José Pérez Abad Tel +34 954 087110 Fax +34 954 656139 E-mail jjperez@supercable.es |
| Supercable Andalucía, S.A. Avda de la Buhaira 29 45018 SEVILLA | SCANDA | Juán José Pérez Abad Tel +34 954 087110 Fax +34 954 656139 E-mail jjperez@supercable.es |
| Supercable Sevilla, S.A. Avda de la Buhaira 29 46018 SEVILLA | SCSEVI | Juán José Pérez Abad Tel +34 954 087110 Fax +34 954 656139 E-mail jjperez@supercable.es |
| Telefónica de España S.A. Gran Vía 28 28013 - MADRID | TFCAES | Tel Fax +34 91 533 5581 E-mail |
| Telefónica Servicios Móviles Plaza de la Independencia No. 6 28001 MADRID | TSM | Juan Francisco Diez Alvarez Tel +34 630 00 2007 Fax +34 630 00 7314 E-mail |
| Teleglobe International Communications, S.A. Avenida de Europa, 4 Bajo A Alcobendas 28108 MADRID | TGB | Charles A. Tievsky Tel +1 703 755 2430 Fax +1 703 755 2619 E-mail ctievsky@teleglobe.com |
| Sri Lanka (Democratic Socialist Republic of) / LKA | | |
| Lanka Bell (PVT) Ltd. 6th floor, Mukthar Plaza Bldg No. 78 Grandpass Road, COLOMBO 14 | LANKAB | Sirinivasa Bartholomeuz Tel +94 75 322309 Fax +94 75 339934 E-mail sbath@mail.lankabell.com |
| Sri Lanka Telecom PO Box 503, Lotus Road COLOMBO 1 | SLT | R.D. Somasiri, M.D. Tel +94 1 447841 Fax +94 1 440000 E-mail |

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|--|--------------------------------|--|
| SunTel (Private) Ltd. PO Box 1194, 110 Sir James Peiris Mawatha COLOMBO 2 | SUNTEL | Mahinda Ramasundara Tel +94 74 747750 Fax +94 74 710001 E-mail mahinda@suntel.lk |
| Sudan (Republic of the) / SDN | | |
| Sudan Telecom Company Ltd. (Sudatel) PO Box 11155 KHARTOUM | SUDATL | Mohamed Tahir Adam Tel +249 11 777599 Fax +249 11 784969 E-mail m.tahir@hotmail.com |
| Suriname (Republic of) / SUR | | |
| Telecommunicatiebedrijf Suriname (TELESUR) Heiligenweg No. 1, PO Box 1839 PARAMARIBO | TSR01 | Joan Jeffrey Tel +597 411244 Fax +597 425898 E-mail secriz@sr.net |
| Swaziland (Kingdom of) / SWZ | | |
| Swaziland Posts and Telecommunications Corporation (SPTC) Phutfumani Building, PO Box 125 MBABANE | SPTC | Lindine Dlamini Tel +268 404 3131 Fax +268 404 3130 E-mail |
| Sweden / SWE | | |
| FaciliCom International Sweden AB Stoctorget 9th Floor SE-21122 MALMO | FCI | Svein Queseth Tel +46 40 620 0154 Fax +46 40 620 0189 E-mail |
| NETnet International S.A. PO Box 6708 S - 113 85 STOCKHOLM | NETNET | Sverker Björling Tel +46 8 5663 4000 Fax +46 8 5663 4040 E-mail |
| Nordiska Tele8 AB PO Box 88, Vastergatan 4 S - 20120 MALMÖ | TELE8 | Claus B. Nilsson Tel +46 40 660 0088 Fax +46 40 660 0089 E-mail |
| RSL COM Sweden AB PO Box 1434 S-17128 SOLNA | RSLSWE | Christophe Herly Tel +46 8 5465 2600 Fax +46 8 5465 2659 E-mail |
| Tele2 AB PO Box 62, Borgarfjordsgatan 16 S-16494 KISTA | TELE2 | Franco Fedeli, MD.. Tel +46 8 5626 4010 Fax +46 8 5626 4201 E-mail |
| Telia AB Network Services International S - 11728 STOCKHOLM | TELIA | Inger Forsell Krans Tel +46 8 455 3454 Fax +46 8 668 7349 E-mail |
| Switzerland (Confederation of) / CHE | | |
| Carrier1 International Militärstr. 36 CH-8004 ZURICH | C1 | Martin Keller Tel +41 1 297 2644 Fax +41 1 297 2601 E-mail martin.keller@carrier1.com |

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|---|--------------------------------|--|
| diAx Telecommunications Thurgauerstrasse 60 CH-8050 ZURICH | DIAXCH | Barbara Levy Tel +41 1 300 4485 Fax +41 1 300 4670 E-mail |
| Energis (Switzerland) A.G. Industriestrasse 21 8304 WALLISELLEN | ECS | Heico van Wingerden Tel +41 1 839 3370 Fax +41 1 839 3295 E-mail heico.vanwingerden@energis-ecs.com |
| FaciliCom International Switzerland 2, Chemin de Blandonnet, Bldg. F CH-1214 VERNIER | FCI | Marius Palada Tel +41 22 306 1065 Fax +41 22 306 1061 E-mail |
| Orange Communications S.A. World Trade Center, Av. Gratta-Paille 2 CP 455, CH-1000 LAUSANNE 30 GREY | ORANGE | Luc Herminjard Tel +41 21 641 5287 Fax +41 21 641 1010 E-mail |
| Sunrise Communications AG Hofwisenstrasse 50 CH - RUMLANG (ZURICH) | SUNRIS | David Candasamy Tel +41 1 555 6628 Fax +41 1 555 6609 E-mail |
| Swisscom Viktoriastrasse 21 CH-3050 BERN | CHEPTT | R. Mengisen Tel +41 31 342 5787 Fax +41 31 342 3807 E-mail |
| Unisource Carrier Services Industriestrasse 21 CH - 8304 WALLISELLEN | UCS | Heico Van Wingerden Tel +41 1 839 3370 Fax +41 1 839 3295 E-mail heico.vanwingerden@unisource-ucs.com |
| Syrian Arab Republic / SYR | | |
| Syrian Telecommunications Establishment (STE) Saadallah Jabiri Street, Mazza DAMASCUS | STE | Makram, D.G. Tel +963 11 221 2200 Fax +963 11 612 2000 E-mail |
| Tajikistan (Republic of) / TJK | | |
| JSC Tajiktelecom 53, Rudaki Street 734000 DUSHANBE | JSCTTC | Farhod Shukurov Tel +992 37 223 4444 Fax +992 37 221 0404 E-mail |
| Tanzania (United Republic of) / TZA | | |
| Tanzania Telecommunications Company Ltd. PO Box 9070, Samora Avenue DAR ES SALAAM | TTCL | Charles Kazuka Tel +255 51 113398 Fax +255 51 113398 E-mail |
| Zanzibar Telecom Company PO Box 3459 SHANGANI, ZANZIBAR | ZANTEL | Muhamed A. Salim Tel +255 51 113398 Fax +255 51 113398 E-mail |

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| Thailand / THA | | |
| Telephone Organization of Thailand (TOT) 89/2 Chaengwattana Road, Laksi BANGKOK 10210 | TOT | Kajornsak Attasampan Tel +66 2 575 92389 Fax +66 2 575 9237 E-mail |
| The Communications Authority of Thailand (CAT) 99 Chaeng Watthana Road, Laksi BANGKOK 10002 | CAT | Traichuk Prommakoon Tel +66 2 506 4111 Fax +66 2 574 4794 E-mail traichuk.p@cat.or.th |
| Togolese Republic / TGO | | |
| Société des télécommunications du Togo (Togo Telecom) BP 333 LOME | TT | Tel +228 250620 Fax +228 256633 E-mail |
| Tonga (Kingdom of) / TON | | |
| Cable and Wireless plc Private Mail Bag No. 4 NUKU'ALOFA | CWTGA | Jon Morris, GM Tel +676 24440 Fax +676 22746 E-mail |
| Trinidad and Tobago / TTO | | |
| Telecommunications Services of Trinidad and Tobago Ltd.(TSTT) PO Box 3, 1 Edward Street PORT OF SPAIN | TSTT | William Henry Tel +1 868 623 8137 Fax +1 868 625 4678 E-mail bill@tstt.net.tt |
| Tunisia / TUN | | |
| Tunisie Telecom Bd. du 9 avril, La Kasbah TUNIS | TT | Tel +216 1 801717 Fax +216 1 800777 E-mail |
| Turkey / TUR | | |
| Turk Telekomunikasyon A.S. International Relations Department 06103 ANKARA | TT | Irfan Erturk Tel +90 312 313 2900 Fax +90 312 313 2940 E-mail |
| Turkmenistan / TKM | | |
| Turkmentelecom "State Telecommunication Company" 10a, Azadi Street ASHGABAT | TMT | Tel +993 12 290472 Fax +993 12 510240 E-mail |
| Turks and Caicos Islands / TCA | | |
| Cable and Wireless (W.I.) Ltd. PO Box 78, Providenciales GRAND TURK | CWTCI | Herbie Ingham Tel +1 649 946 1345 Fax +1 649 946 2300 E-mail |
| Tuvalu / TUV | | |
| Tuvalu Telecommunications Corporation Vaiaaku FUNAFUTI | TUVTC | Lopati Tefoto Tel +688 20001 Fax +688 20002 E-mail |

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| Uganda (Republic of) / UGA | | |
| Uganda Telecommunications Limited (UTL) PO Box 7171 KAMPALA | UTL | Tel +256 41 258855 Fax +256 41 245907 E-mail |
| Ukraine / UKR | | |
| The Ukrainian State Telecommunications Corporation "Ukrainian Telecom" 18 Sheychenko Bird 252030 KYIV | UKRAIN | Vitaly P. Kharchenko Tel +380 44 225 5328 Fax +380 44 224 2267 E-mail |
| United Arab Emirates / ARE | | |
| The Emirates Telecommunications Corporations Ltd. PO Box 3838 ABU DHABI | ETSLAT | Ali M.R. Amiri Tel +971 2 208 4535 Fax +971 2 772930 E-mail |
| United Kingdom of Great Britain and Northern Ireland / GBR | | |
| British Telecommunications plc (British Telecom) British Telecom Centre, 81 Newgate Street LONDON EC1A 7AJ | BTPLC | Tel Fax +44 20 7404 5934 E-mail |
| Cable & Wireless Communications plc New Mercury House, 26 Red Lion Square LONDON WC1R 4HQ | MCL | Rick Perry Tel +44 1344 713924 Fax +44 1344 713989 E-mail |
| EGN B.V. Capital Place, 120 Bath Road HAYES, MIDDLESEX UB3 5AN | EQUANT | Bert Lad, Interconnect Manager Tel +44 20 8476 4617 Fax +44 20 8476 4558 E-mail bert.lad@sita.int |
| FaciliCom International United Kingdom New City Court 1st Flr, 20 St. Thomas Street LONDON SE1 9RS | FCI | Jayne Cohen Tel +44 20 7940 7400 Fax +44 20 7940 7439 E-mail |
| Teleglobe International (UK) Ltd. 418 Silbury Boulevard MILTON KEYNES MK9 2AF | TGB | Patrick Bibeau Tel +1 514 868 8442 Fax +1 514 868 7031 E-mail |
| United States of America / USA | | |
| AT&T 295 North Maple Avenue BASKING RIDGE, NJ 07920 | ATT | Tel +1 201 606 4040 Fax +1 201 682 3561 E-mail |
| Cable and Wireless Inc. 1919 Callows Road VIENNE, VA 22182-3964 | CWINC | Ron Terwilliger, D.O. Tel +1 703 760 3252 Fax +1 703 821 1132 E-mail |
| FaciliCom International Inc. 1401 New York Avenue, NW 9th Flr. WASHINGTON DC 20005 | FCI | Felix Yao Tel +1 202 639 6339 Fax +1 202 496 1109 E-mail fyao@facilicom.com |

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| Frontier Communications Services, Inc. 180 South Clinton, Rochester NEW YORK 14646 | FROUSA | Gerald Hamilton Tel +1 810 433 4199 Fax +1 810 433 5152 E-mail |
| MCI WorldCom 2400 N. Glenville Drive, Dept. 1225 Richardson, TX 75082 | MCI | Martin Carroll Tel +1 972 729 5630 Fax +1 972 729 6038 E-mail martin.carroll@mci.com |
| Sprint Corporation 12490 Sunrise Valley RESTON, VA 22096 | SPRINT | Dominique Jacquet Tel +1 703 689 5324 Fax +1 703 689 5401 E-mail |
| Star Telecommunications Inc. 223 E. de la Guerra SANTA BARBARA, CA 93101 | STRX | Aaron Flynn Tel +1 805 963 1619 Fax +1 805 884 0242 E-mail |
| Teleglobe USA Inc. 11480 Commerce Park Drive RESTON, VIRGINIA 20191 | TGB | Patrick Bibeau Tel +1 514 868 8442 Fax +1 514 868 7031 E-mail |
| World Communications Inc. LDDS WCOM, 515 East Amita Street, Jackson MISSISSIPPI 39201 | WCOM | Michael Sauer, EVP Tel +1 212 478 6233 Fax +1 212 478 6204 E-mail |
| Uruguay (Eastern Republic of) / URY | | |
| Administración Nacional de Telecomunicaciones (ANTEL) Daniel Fernandez Crespo 1534, Piso 4 MONTEVIDEO 11200 | ANTEL | Oswaldo Novoa, Internacional Tel +598 2 400 9415 Fax +598 2 408 3844 E-mail |
| Uzbekistan (Republic of) / UZB | | |
| JSC Khalkaro Telecom Tolstoj Street TASHKENT 700000 | MOC | Tel +998 71 233 6503 Fax +998 71 244 2603 E-mail |
| Vanuatu (Republic of) / VUT | | |
| Telecom Vanuatu Ltd. PO Box 146 PORT-VILA | TVL | Chris Bull Tel +678 23000 Fax +678 23499 E-mail |
| Venezuela (Republic of) / VEN | | |
| Compañía Anónima Nacional de Teléfonos de Venezuela (CANTV) Final Avenida Libertador 1010 CARACAS | CANTV | Tel +58 2 500 3589 Fax +58 2 500 3488 E-mail |
| Viet Nam (Socialist Republic of) / VNM | | |
| Military Electronic and Telecommunications 1 Giang Van Minh Street HANOI | VIETEL | Nguyen Huu Dang Tel +84 4 846 1450 Fax +84 4 846 0486 E-mail vietel@hn.vnn.vn |

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| Saigon Post and Telecommunication Service Corporation 45 Le Duan Blvd. Dist 1 HO CHI MINH CITY | SPT | Trinh Dinh Khuong Tel +84 8 822 0119 Fax +84 8 822 0120 E-mail khuongtd@saigonnet.vn |
| Vietnam Posts and Telecommunications (VNPT) 18, Nguyen Dû Street HANOI | VNPT | Dang Dinh Lam Tel +84 4 826 5948 Fax +84 4 825 5851 E-mail ptnguyen@vol.vnn.vn |
| Wallis and Futuna (Territoire français d'outre-mer) / WLF | | |
| France Cables et Radio (FCR) BP 54 MATA-UTU, 98600 Uvea | FCR | Aimé Bel Tel +681 722436 Fax +681 722255 E-mail |
| Yemen (Republic of) / YEM | | |
| Yemen International Telecommunications Company PO Box 168 SANA'A | TELYMN | Abdulla M. Al-Abhar Tel +967 1 270886 Fax +967 1 280330 E-mail |
| Yugoslavia (Federal Republic of) / YUG | | |
| Community of Yugoslav PTT Palmoticeva 2 11000 BEOGRAD | YUGTEL | Vasiljevic Caslav Tel +381 11 331344 Fax +381 11 636917 E-mail |
| Zambia (Republic of) / ZMB | | |
| Zambia Telecommunications Company Ltd. PO Box 71630 NDOLA | ZAMTEL | Tel +260 2 611333 Fax +260 2 615855 E-mail |
| Zimbabwe (Republic of) / ZWE | | |
| Posts and Telecommunication Corporation PO Box CY 331, Causeway HARARE | ZPTC | Raymond Mutambirwa Tel +263 4 728811 Fax +263 4 731980 E-mail |

Notification Form for List of ITU Carrier Codes

A Carrier is any operating Company that brings into service and maintains international or domestic leased circuits, switched circuits, digital blocks, etc.

Study Group 4 of ITU-T believes that all international and domestic carriers for switched circuits today must have an ITU Carrier Identification Code. This code is used to identify a carrier for the purpose of registration of interconnection with other carriers.

In order to develop a listing of ITU Carrier Codes (ICC) which may be used to identify the Carriers when filling out Layer 2 records as explained in Recommendation M.1400, the following Form must be filled by each international or domestic Carrier.

1. **Company full name:**
(the name of carrier)

2. **Company Code:**

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

(The code by which the carrier wishes to identify itself. This code should be of Roman characters (alpha or alphanumeric (a to z; 0 to 9)), six or less in length, and should be unique identifier of a network operator/service provider unique within each country. This code may be one that is in use today, provided it fits the definition.)

3. **Company official address:**
.....
.....
.....

4. **Contact point:**
Tel.: +
Fax: +
E-mail :

AMENDMENTS

| Amendment No. | Operational Bulletin No. | Country or area |
|---------------|--------------------------|-----------------|
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