



# ITU Operational Bulletin



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# GENERAL INFORMATION

## Lists annexed to Operational Bulletin

### Note from the TSB

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

*OB No.*

- |     |   |
|-----|---|
| 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)    |
| 685 | List of Mobile Country or Geographical Area Codes (Complement to ITU-T Recommendation E.212 (11/98)) (Position on 1 February 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)                       |
| 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)  |
| 717 | List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (05/1997)) (Position on 1 June 2000)  |
| 719 | Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (05/97)) (Position on 1 July 2000) |
| 720 | List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121) (Position on 15 July 2000)   |
| 725 | List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 30 September 2000)                             |
| 727 | List of Issuer Identifier Numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 November 2000)                     |
| 735 | List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 March 2001)  |
| 737 | List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 1 April 2001)  |

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\* 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 by subscribers (<http://www.itu.int/itu-t/bulletin/index.html>) in the ITU document database, under the heading "Operational Bulletin and Lists annexed".

## Approval of ITU-T Recommendations

A.1. By TSB Circular 29 of 22 February 2001, it was announced that the following new or revised ITU-T Recommendations were approved, in accordance with the provisions of Resolution 1, Section 9, of WTSA (Montreal, 2000):

- ITU-T Recommendation E.118: The international telecommunication charge card
- ITU-T Recommendation E.123: Notation for national and international telephone numbers, e-mail addresses and Web addresses
- ITU-T Recommendation E.152: International freephone service
- ITU-T Recommendation E.155: International Premium Rate Service
- ITU-T Recommendation E.161: Arrangement of digits, letters and symbols on telephones and other devices that can be used for gaining access to a telephone network
- ITU-T Recommendation E.164.2: E.164 numbering resources for trials
- ITU-T Recommendation E.191.1: Criteria and procedures for the allocation of ITU-T international network designator addresses
- ITU-T Recommendation E.353: Routing of calls when using international routing addresses
- ITU-T Recommendation E.370: Service principles when public circuit-switched international telecommunication networks interwork with IP-based networks
- ITU-T Recommendation E.417: Framework for the traffic management of IP-based networks
- ITU-T Recommendation E.451: Facsimile call cut-off performance
- ITU-T Recommendation E.502: Traffic measurement requirements for digital telecommunication exchanges
- ITU-T Recommendation E.737: Dimensioning methods for B-ISDN

The conditions governing the approval of ITU-T Recommendations were met and 26 Member States participating in the last meeting of Study Group 2 approved the text of these Recommendations during its Plenary sessions held on 23 January and 2 February 2001.

A.2 By TSB Circular 31 of 2 March 2001, it was announced that the following new or revised ITU-T Recommendations were approved, in accordance with the provisions of Resolution 1, Section 9, of WTSA (Montreal, 2000):

- ITU-T Recommendation X.86: Ethernet over LAPS
- ITU-T Recommendation X.371: Interworking between PDN and the Internet
- ITU-T Recommendation X.500: Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services
- ITU-T Recommendation X.501: Information technology – Open Systems Interconnection – The Directory: Models
- Technical Corrigendum 2 to ITU-T Recommendation X.501 (1997)
- Technical Corrigendum 2 to ITU-T Recommendation X.509 (1997)
- Technical Corrigendum 1 to ITU-T Recommendation X.509 (2000)
- ITU-T Recommendation X.511: Information technology – Open Systems Interconnection – The Directory: Abstract service definition
- Technical Corrigendum 2 to ITU-T Recommendation X.511 (1997)
- ITU-T Recommendation X.518: Information technology – Open Systems Interconnection – The Directory: Procedures for distributed operation
- Technical Corrigendum 2 to ITU-T Recommendation X.518 (1997)
- ITU-T Recommendation X.519: Information technology – Open Systems Interconnection – The Directory: Protocol specifications
- Technical Corrigendum 2 to ITU-T Recommendation X.519 (1997)

- ITU-T Recommendation X.520: Information technology – Open Systems Interconnection – The Directory: Selected attribute types
- Technical Corrigendum 2 to ITU-T Recommendation X.520 (1997)
- ITU-T Recommendation X.521: Information technology – Open Systems Interconnection – The Directory: Selected object classes
- Technical Corrigendum 1 to ITU-T Recommendation X.521 (1997)
- ITU-T Recommendation X.525: Information technology – Open Systems Interconnection – The Directory: Replication
- Technical Corrigendum 2 to ITU-T Recommendation X.525 (1997)
- ITU-T Recommendation X.530: Information technology – Open Systems Interconnection – The Directory: Use of systems management for administration of the Directory
- Technical Corrigendum 1 to ITU-T Recommendation X.530 (1997)
- Technical Corrigendum 3 to ITU-T Recommendation X.680 (1997)
- Technical Corrigendum 2 to ITU-T Recommendation X.682 (1997)
- Technical Corrigendum 2 to ITU-T Recommendation X.690 (1997)
- Technical Corrigendum 2 to ITU-T Recommendation X.691 (1997)

The conditions governing the approval of ITU-T Recommendations were met and 13 Member States participating in the last meeting of Study Group 7 approved the text of these Recommendations during its Plenary session held on 2 February 2001.

### **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 Australia, the Director of the TSB has assigned the following signalling area/network code (SANC) for use in the international part of the signalling system 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>
Australia	5-116

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

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

#### **Note from the TSB**

##### **– Identification Codes for Global Mobile Satellite Systems (GMSS)**

Associated with shared country code 881, the following one-digit identification codes, previously assigned for Iridium, have now been assigned for the following GMSS network:\*

<i>Network</i>	<i>Country Code and Identification Code</i>
Iridium Satellite LLC	+881 6 and +881 7

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\* See page 23 of the present Operational Bulletin.

## Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164)

### Note from the TSB

Several requests have been received in ITU, asking that a distinction should be made between the fixed telephone numbers and mobile numbers. A List of access codes/numbers for mobile networks has been prepared from the information received on the telephone service for publication in the ITU Operational Bulletin. Administrations/ROAs are requested to verify the information in this List and to inform ITU of any modifications that they wish to make.

The following information is an Amendment to the List No. 1 published in Operational Bulletin No. 726 of 15.X.2000, pages 4 to 11.

*Access codes/numbers for mobile networks  
used with the E.164 country code  
List No. 1, Amendment No. 8*

<i>Country/geographical area</i>	<i>E.164 Country Code and (NPA)</i>	<i>Mobile telephone numbers, first digits after country code</i>
1	2	3

### **New Zealand** page 9, read

New Zealand	64	21 XXX XXXX, 27 XXX XXXX
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### **Viet Nam (Socialist Republic of)** page 10, read

Viet Nam (Socialist Republic of)	84	90 3XXXXXXX, 91 3XXXXXXX
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### Legal time changes

Date and hour of change	Country or area	+ = Advanced by -- minutes - = Retarded by -- minutes	Legal time will be
24.III.2001 1600 UTC - 27.X.2001 1600 UTC » »	Australie / Australia		
	- Australian Capital Territory	-60	UTC +10
24.III.2001 1630 UTC - 6.X.2001 1630 UTC 24.III.2001 1630 UTC - 27.X.2001 1630 UTC	- New South Wales	-60	UTC +10
	- Victoria	-60	UTC +10
	- Tasmania	-60	UTC +10
	- South Australia	-60	UTC +9½
	<i>inchangé/no change/sin cambio:</i>		
	- Northern Territory	-	UTC +9½
	- Queensland	-	UTC +10
	- Western Australia	-	UTC +8

### **Turkey**

CTITU B20 of 21.III.2001:

Legal time in Turkey will be advanced by 60 minutes from 25 March 2001 at 0100 hours, local time (i.e. on 24 March 2001 at 2300 hours UTC) to 28 October 2001 at 0200 hours, local time (i.e. on 27 October 2001 at 2300 hours UTC) and thereby will correspond to UTC +3.

## Telegram Service

### Iceland

– Communication of 15.III.2001:

*Cessation of telegram service  
Replacement services*

*Iceland Telecom Ltd*, Reykjavik, announces that the international telegram service from and to Iceland (telegram destination indicator IS) will be discontinued as from 1 May 2001. Iceland Telecom Ltd will not replace the telegram service by any other manual service.

*Iceland Telecom Ltd* will meet the communication needs of its customers abroad and of foreign countries by using other up-to-date media which will be more economical for customers. Icelandic customers currently have access to the following services: automatic telephone and facsimile, as well as GSM text messages, E-mail, Internet, etc., and also the postal services which are of a high quality.

For any additional information concerning the closure of the international telegram service and the replacement services, please contact:

Mr Óli GUNNARSSON  
Iceland Telecom Ltd  
Ármúla 27  
108 REYKJAVIK  
Iceland  
Tel: +354 550 6901  
Fax: +354 568 9012  
E-mail: oligunn@simi.is

– Communication of 15.III.2001:

*Telegram Destination Indicators*

*Iceland Telecom Ltd*, Reykjavic, announces that owing to the closure of the international telegram service in Iceland on 1 May 2001, the telegram destination indicator IS allocated to Iceland and the office codes "ISRK / REYKJAVIC" and "ISRX / All others" used in the telegram retransmission system will be deleted on 1 May 2001 at 0000 hours UTC.

The *List of Telegram Destination Indicators* published in accordance with ITU-T Recommendation F.32 will be updated accordingly.\*

\* See present ITU Operational Bulletin No. 737 of 1.IV.2001, page 23.

## Telephone Service

### Germany

Communication of 21.III.2001:

The *Regulatory Authority for Telecommunications and Posts (Regulierungsbehörde für Telekommunikation und Post (Reg TP))*, Bonn, announces that the additional national destination code "1566" is being introduced for the GSM service in Germany (country code +49), on 1 June 2001.

The international format of numbers in this range is +49 1566 XXXXXXX, which means that the numbers have thirteen (13) digits.

<i>National destination code</i>	<i>Name of operator</i>
1566	MobilCom Multimedia GmbH

Contact:

The Regulatory Authority for Telecommunications and Posts  
(Regulierungsbehörde für Telekommunikation und Post (Reg TP))  
Section 115  
Postfach 80 01  
D - 53105 BONN  
Germany  
Tel: +49 228 14 1130  
Fax: +49 228 14 6113

## Belize

Communication of 21.III.2001:

*Belize Telecommunications Limited (BTL)*, Belize City, announces that the following new number series has been assigned for the prepaid cellular service in Belize (country code +501):

International dialling format: +501 1 XXXXX

<i>Prepaid</i>	<i>Area Code</i>	<i>Subscriber number range</i>
Cellular	1	80XXX – 89XXX

Collect calls to these cellular number series are not admitted.

Contact:

Belize Telecommunications Limited (BTL)  
St. Thomas Street  
P.O. Box 603  
BELIZE CITY  
Belize  
Tel: +501 2 32868  
Fax: +501 2 70541  
E-mail: carrierbtl@btl.net

## China

Communication of 12.III.2001:

*China Telecom*, Beijing, announces the following modifications to the telephone numbering plan:

On 17 May 2001 at 1600 hours UTC, the subscriber telephone numbers of Hainan Province will be changed from seven (7) to eight (8) digits.

<i>City</i>	<i>Old Area code</i>	<i>New Area code</i>	<i>Old numbers</i>	<i>New numbers</i>
Haikou	898	898	XXX XXXX	6XXX XXXX
Sanya	899		XXX XXXX	8XXX XXXX
Danzhou	890		XXX XXXX	2XXX XXXX

Remark: All the short numbers for public services remain unchanged.

As from that date, both old and new telephone numbers can be used for six months. Only new telephone numbers will be available after 17 November 2001 at 1600 hours UTC.

On 17 May 2001 at 1600 hours UTC, the subscriber telephone numbers of Hangzhou, Ningbo, Wenzhou in Zhejiang Province will be changed from seven (7) digits to eight (8) digits at the same time. The area code of those three cities will remain unchanged.



City	Local Area Code	Old Number	New Number
Hangzhou	571	2XXXXXX	82XXXXXX
		5XXXXXX	85XXXXXX
		6XXXXXX	86XXXXXX
		7XXXXXX	87XXXXXX
		8XXXXXX	88XXXXXX
		3XXXXXX	63XXXXXX
		4XXXXXX	64XXXXXX
Ningbo	574	6XXXXXX	86XXXXXX
		7XXXXXX	87XXXXXX
		8XXXXXX	88XXXXXX
		2XXXXXX	62XXXXXX
		3XXXXXX	63XXXXXX
		4XXXXXX	64XXXXXX
		5XXXXXX	65XXXXXX
Wenzhou	577	6XXXXXX	86XXXXXX
		8XXXXXX	88XXXXXX
		2XXXXXX	62XXXXXX
		3XXXXXX	63XXXXXX
		4XXXXXX	64XXXXXX
		5XXXXXX	65XXXXXX
		7XXXXXX	67XXXXXX

Remark: All the short numbers for public services remain unchanged.

As from that date, both old and new telephone numbers can be used for six months. Only new telephone numbers will be available after 17 November 2001 at 1600 hours UTC.

## France

Communication of 5.XII.2000:

*NTL France*, Suresnes, new French telecommunication operator, announces that the *Autorité de Régulation des Télécommunications (ART)*, Paris, has awarded it licenses for the provision of telephone services on its own local band. These services include both the standard switched telephone services and special services (including freephone, shared cost and Internet access numbers, etc.).

Numbers indicated below have been assigned to the company *NTL France* by *ART* for telephone service provision to the public.

Country code: +33

Number series	Locality
(0) 1 74 00 XX XX	Nanterre
(0) 1 74 01 XX XX	Boulogne Billancourt
(0) 1 74 02 XX XX	Massy
(0) 1 74 03 XX XX	Massy
(0) 1 74 04 XX XX	Corbeil-Essones
(0) 1 74 05 XX XX	Corbeil-Essones
(0) 1 74 06 XX XX	Juvisy-sur-Orge
(0) 1 74 07 XX XX	Mantes-la-Jolie
(0) 1 74 08 XX XX	Mantes-la-Jolie
(0) 1 89 02 XX XX	Toulon
(0) 1 89 03 XX XX	Toulon

The numbers (0) 4 74 09 XX XX to (0) 1 74 13 XX XX, (0) 4 89 09 XX XX and (0) 4 89 95 XX XX are reserved for *NTL France* for provision of public telephone services.

Contact:

Mr Patrice Bleuse  
Directeur, Projet Téléphonie et Développement Technique  
NTL France  
22 Quai Galliéni  
92158 SURESNES CEDEX  
France  
Tel: +33 1 41 44 60 00  
Fax: +33 1 41 44 60 99

## Lithuania

Communication of 17.III.2001:\*

*Lietuvos Telekomas*, Vilnius, announces that new national destination code 82 has been implemented in the Lithuanian national telecommunications network for mobile operator Omnitel.

International dialling format: +370 82 XXXXX

Test number: +370 82 22555

<i>Operator</i>	<i>Existing codes</i>	<i>New code</i>	<i>Date</i>
Omnitel	80, 86, 87, 88, 98	82	February 2001

Contact:

Antanas Eleknavicius  
Carrier Sector Director  
AB Lietuvos telekomas  
LT 2600 VILNIUS  
Lithuania  
Tel: +370 2 624462  
Fax: +370 2 305289

## NANP – North American Numbering Plan

– Communication of 1.III.2001:\*

The *North American Numbering Plan Administration* (NANPA) announces that the NPA (Numbering Plan Area) for Michigan has been geographically split between the existing NPA 810 and the newly assigned NPA 586. NANPA has assigned 586 as the new NPA which will serve the eleven rate centres that approximate Macomb County. Among the communities that will be served by the new NPA are Mount Clemens, Roseville, Warren and Utica.

The split of the NPA 810, and the beginning of the permissive dialling period, will take place at 1201 hours (time of US East Coast), on 22 September 2001. During the permissive period, either the NPA 810 or NPA 586 code will be acceptable in a dialled number terminating in the new NPA 586. After the permissive period, ending 23 March 2002, all calls dialled with the incorrect NPA code will be routed to a recorded announcement.

For more detailed information, see NANPA website: [www.nanpa.com](http://www.nanpa.com)

– Communication of 14.III.2001:\*

The *North American Numbering Plan Administration* (NANPA) announces that the NPA (Numbering Plan Area) 667 has been assigned to Maryland as an all-services distributed overlay for the NPAs 410 and 443 that serve Eastern Maryland.

All network preparation for the implementation of the NPA 667 should be completed by 1 September 2001 at 1201 hours (local time). Ten-digit dialling is already mandatory in the area served by these codes, so no permissive dialling period is required in preparation for this overlay. The in-service date for the NPA 667, and the earliest code activation date for central office codes assigned in the NPA 667, will be the date of exhaustion of the NPAs 410 and 443. That date is currently anticipated to be 1 December 2001. The date certain is to be set three months before exhaustion.

The current Maryland dialling plan will not change with the activation of the NPA 667.

- All local calls within, and between the NPAs 410, 443 and 667 may be dialled as ten (10) digits (NPA+NXX+XXXX) or, permissively, as one (1) + ten (10) digits.
- All toll calls within and between NPAs 410, 443 and 667 must be dialled as one (1) + ten (10) digits (1+NPA+NXX+XXXX).
- All calls to NPAs other than 410, 443 and 667 must be dialled as one (1) + (ten) 10 digits (1+NPA+NXX+XXXX).
- Operator assisted, third party, and credit card calls must be dialled as zero (0) + (ten) 10 digits (0+NPA+NXX+XXXX).

Verizon has volunteered to provide a telephone number in the NPA 667 for testing purposes. Beginning 1 August 2001, test calls to verify routing can be made by dialling +1 667 999 8378. The test number will be available until two months after the activation of the NPA 667. A recorded announcement will indicate successful completion of the call. Additionally, all international and domestic carriers should ensure that the new NPA 667 can be translated throughout their networks prior to 1 August 2001.

For more detailed information, see NANPA web site: [www.nanpa.com](http://www.nanpa.com)

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\* See Operational Bulletin No. 718 of 15.VI.2000, pages 13-16.

## Nigeria

Communication of 21.II.2001:

The *Ministry of Communications*, Abuja, announces that the GSM mobile network will be introduced in Nigeria (country code +234) as from 13 May 2001.

The national destination code for the GSM mobile network is 80 and it will be implemented by NITEL Plc.

The international dialling format will be thirteen (13) digits in length: +234 80X XXX XXXX

The GSM network in Nigeria shall be implemented by three (3) GSM operators, including NITEL Plc. The dialling format for these operators shall be:

+234 802 XXX XXXX for operator 1

+234 803 XXX XXXX for operator 2

+234 804 XXX XXXX for operator 3

Dialled numbers for subsequent operators in the future, when they are licensed, shall be:

+234 805 XXX XXXX

+234 806 XXX XXXX, etc.

It is also planned to increase in the future the international numbering plan of other networks from eleven (11) to thirteen (13) digits, in order to ensure uniform numbering for the entire telephone network of Nigeria.

Contact:

Professor B.M. Barkindo  
Permanent Secretary  
Ministry of Communications  
New Federal Secretariat Complex, Annex III  
Shehu Shagari Way  
P.M.B. 12578  
ABUJA  
Nigeria  
Tel: +234 9 523 2834  
Fax: +234 9 523 2834

## New Zealand

Communication of 6.III.2001:

*Telecom New Zealand*, Wellington, announces the activation of the new mobile number range 27 XXX XXXX in New Zealand (country code +64).

International dialling format: +64 27 XXX XXXX

Test Number +64 27 220 0000

Administrations and Recognized Operating Agencies (ROAs) are requested to update their network to make access available to this number range.

Contact:

Mr John Callahan  
Mobility and Calling Configuration  
HAMILTON  
New Zealand  
Tel: +64 7 8345602  
Fax: +64 7 8392853  
E-mail: john.callahan@telecom.co.nz

## Turks and Caicos Islands

Communication of 5.III.2001:

*Cable and Wireless (West Indies) Limited*, Turks and Caicos Islands, announces the following complete list of exchange codes (NXX) for Turks and Caicos Islands.

Country Code: +1

Numbering Plan Area (NPA): 649

038	Inward and Directory Assistance Operator
231	Post Paid Mobile
232	Post Paid Mobile (New)
241	Pre Paid Mobile (New)
242	Pre Paid Mobile (New)
249	Pre Paid Mobile (New)
444	Audiotext Services
445	Audiotext Services
446	Audiotext Services
724	Paging
941	Telephone Services
946	Telephone Services

The dialling format is: +1 649 NXX XXXX (example: +1 649 946 2222).

Administrations and ROAs are requested to note the dialling format and check to ensure that their switches and operational databases are updated and properly set-up.

Please note that collect calls are not allowed to the following range of numbers. In the event that collect call records are received for calls made to the range of numbers below, no payments will be made by *Cable and Wireless (West Indies) Limited, Turks and Caicos Islands*, for those calls:

+1 649 231 XXXX  
+1 649 232 XXXX  
+1 649 241 XXXX  
+1 649 242 XXXX  
+1 649 249 XXXX

Contact:

Mr Newton Glinton  
Operations Officer  
Cable and Wireless (West Indies) Limited  
Turks and Caicos  
Tel: +1 649 946 2652  
Fax: +1 649 946 2122  
E-mail: newton.glinton@cwtpci.cwplc.com

**Viet Nam**

– Communication of 5.III.2001:

The *Department General of Posts and Telecommunications (DGPT)*, Hanoi, announces that to meet the demand of mobile telephone customers in the Socialist Republic of Vietnam (country code +84), all mobile subscriber numbers will be increased in length from six (6) to seven (7) digits, by adding the digit "3" at the beginning of the existing subscriber number. This new numbering for the cellular network will come into effect at 0000 hours (local Hanoi time, UTC +7), on 1 June 2001.

The details of the change are as follows:

<i>Operators</i>	<i>National destination code (NDC)</i>	<i>Old subscriber number</i>	<i>New subscriber number</i>
VMS Company (Mobifone)	90	XXXXXX	3XXXXXX
GPC Company (VinaPhone)	91	XXXXXX	3XXXXXX

Contact:

Mr Tran Dinh Kiem  
Telecommunication Division  
Viet Nam Posts and Telecommunications Corporation (VNPT)  
18, Nguyen Du Str.  
HANOI 10000  
Viet Nam  
Tel: +84 4 943 0789  
Fax: +84 4 822 6861  
E-mail: bvt.dhtt1@hn.vnn.vn

– Communication of 12.III.2001:

The *Department General of Posts and Telecommunications (DGPT)*, Hanoi, announces the following current numbering and routing information in the Socialist Republic of Viet Nam (country code +84):

Routing information to Viet Nam

– General Information

Country Code (CC): +84

Signalling type: CCITT No. 5 and No. 7

Length of national (significant) number N(S)N: from seven (7) to nine (9) digits

Length of area codes (AC): one (1) to three (3) digits

Subscriber number length: six (6) to seven (7) digits

Hanoi and Ho Chi Minh City: CC + AC + YXXXXXX (where Y = 5,6,7,8,9, and X = 0 to 9)

Other provinces : CC + AC + YXXXXX (where Y = 5,6,7,8,9, and X = 0 to 9)

– List of Geographical Area Codes (one to three digits)

<i>Province/ City</i>	<i>Area code</i>	<i>Subscriber number length</i>	<i>First choice</i>	<i>Second choice</i>
Hoa Binh	18	six digits	Hanoi G/W	Hochiminh G/W
Ha Giang	19	six digits	Hanoi G/W	Hochiminh G/W
Lao Cai	20	six digits	Hanoi G/W	Hochiminh G/W
Phu Tho	210	six digits	Hanoi G/W	Hochiminh G/W
Vinh Phuc	211	six digits	Hanoi G/W	Hochiminh G/W
Son La	22	six digits	Hanoi G/W	Hochiminh G/W
Lai Chau	23	six digits	Hanoi G/W	Hochiminh G/W
Bac Giang	240	six digits	Hanoi G/W	Hochiminh G/W
Bac Ninh	241	six digits	Hanoi G/W	Hochiminh G/W
Lang Son	25	six digits	Hanoi G/W	Hochiminh G/W
Cao Bang	26	six digits	Hanoi G/W	Hochiminh G/W
Tuyen Quang	27	six digits	Hanoi G/W	Hochiminh G/W
Thai Nguyen	280	six digits	Hanoi G/W	Hochiminh G/W
Bac Can	281	six digits	Hanoi G/W	Hochiminh G/W
Yen Bai	29	six digits	Hanoi G/W	Hochiminh G/W
Ninh Binh	30	six digits	Hanoi G/W	Hochiminh G/W
Hai Phong	31	six digits	Hanoi G/W	Hochiminh G/W
Hai Hung	320	six digits	Hanoi G/W	Hochiminh G/W
Hung Yen	321	six digits	Hanoi G/W	Hochiminh G/W
Quang Ninh	33	six digits	Hanoi G/W	Hochiminh G/W
Ha Tay	34	six digits	Hanoi G/W	Hochiminh G/W
Nam Dinh	350	six digits	Hanoi G/W	Hochiminh G/W
Ha Nam	351	six digits	Hanoi G/W	Hochiminh G/W
Thai Binh	36	six digits	Hanoi G/W	Hochiminh G/W
Thanh Hoa	37	six digits	Hanoi G/W	Hochiminh G/W
Nghe An	38	six digits	Hanoi G/W	Hochiminh G/W
Ha Tinh	39	six digits	Hanoi G/W	Hochiminh G/W
Hanoi	4	seven digits	Hanoi G/W	Hochiminh G/W
Dac Lac	50	six digits	Danang G/W	Hanoi G/W
Quang Nam	510	six digits	Danang G/W	Hanoi G/W
Da Nang	511	six digits	Danang G/W	Hanoi G/W
Quang Binh	52	six digits	Danang G/W	Hanoi G/W
Quang Tri	53	six digits	Danang G/W	Hanoi G/W
Thua Thien Hue	54	six digits	Danang G/W	Hanoi G/W
Quang Ngai	55	six digits	Danang G/W	Hanoi G/W
Binh Dinh	56	six digits	Danang G/W	Hanoi G/W
Phu Yen	57	six digits	Danang G/W	Hanoi G/W
Khanh Hoa	58	six digits	Danang G/W	Hanoi G/W
Gia Lai	59	six digits	Hochiminh G/W	Hanoi G/W
Kon Tum	60	six digits	Hochiminh G/W	Hanoi G/W
Dong Nai	61	six digits	Hochiminh G/W	Hanoi G/W
Binh Thuan	62	six digits	Hochiminh G/W	Hanoi G/W

<i>Province/ City</i>	<i>Area code</i>	<i>Subscriber number length</i>	<i>First choice</i>	<i>Second choice</i>
Lam Dong	63	six digits	Hochiminh G/W	Hanoi G/W
Vung Tau	64	six digits	Hochiminh G/W	Hanoi G/W
Binh duong	650	six digits	Hochiminh G/W	Hanoi G/W
Binh phuoc	651	six digits	Hochiminh G/W	Hanoi G/W
Tay Ninh	66	six digits	Hochiminh G/W	Hanoi G/W
Dong Thap	67	six digits	Hochiminh G/W	Hanoi G/W
Ninh Thuan	68	six digits	Hochiminh G/W	Hanoi G/W
Vinh Long	70	six digits	Hochiminh G/W	Hanoi G/W
Can Tho	71	six digits	Hochiminh G/W	Hanoi G/W
Long An	72	six digits	Hochiminh G/W	Hanoi G/W
Tien Giang	73	six digits	Hochiminh G/W	Hanoi G/W
Tra Vinh	74	six digits	Hochiminh G/W	Hanoi G/W
Ben Tre	75	six digits	Hochiminh G/W	Hanoi G/W
An Giang	76	six digits	Hochiminh G/W	Hanoi G/W
Kien Giang	77	six digits	Hochiminh G/W	Hanoi G/W
Ca Mau	780	six digits	Hochiminh G/W	Hanoi G/W
Bac Lieu	781	six digits	Hochiminh G/W	Hanoi G/W
Soc Trang	79	six digits	Hochiminh G/W	Hanoi G/W
Ho Chi Minh City	8	seven digits	Hochiminh G/W	Hanoi G/W

– List of non-geographical Area Codes

	<i>Area code</i>	<i>Subscriber number</i>	<i>First choice</i>	<i>Second choice</i>
Mobile VMS	90	2XXXXX	Hanoi G/W	Hochiminh G/W
	90	3XXXXX	Hochiminh G/W	Hanoi G/W
	90	4XXXXX	Hanoi G/W	Hochiminh G/W
	90	5XXXXX	Danang G/W	Hochiminh G/W
	90	6XXXXX	Hochiminh G/W	Hanoi G/W
	90	7XXXXX	Hochiminh G/W	Hanoi G/W
	90	8XXXXX	Hochiminh G/W	Hanoi G/W
	90	9XXXXX	Hochiminh G/W	Hanoi G/W
Mobile VINAPHONE	91	2XXXXX	Hanoi G/W	Hochiminh G/W
	91	3XXXXX	Hanoi G/W	Hochiminh G/W
	91	4XXXXX	Danang G/W	Hochiminh G/W
	91	5XXXXX	Hanoi G/W	Hochiminh G/W
	91	6XXXXX	Hochiminh G/W	Hanoi G/W
	91	7XXXXX	Hochiminh G/W	Hanoi G/W
	91	8XXXXX	Hochiminh G/W	Hanoi G/W
	91	9XXXXX	Hochiminh G/W	Hanoi G/W
IM & DM Network	69	2XXXX	Danang G/W	Hochiminh G/W

	<i>Area code</i>	<i>Subscriber number</i>	<i>First choice</i>	<i>Second choice</i>
(Interior Ministry and Defence Ministry)	69	3XXXX	Hochiminh G/W	Hanoi G/W
	69	4XXXX	Hanoi G/W	Hochiminh G/W
	69	5XXXXX	Hanoi G/W	Hochiminh G/W
	69	6XXXXX	Hochiminh G/W	Hanoi G/W
	69	7XXXXX	Danang G/W	Hochiminh G/W
	69	8XXXXX	Hanoi G/W	Hochiminh G/W
VSAT	99	XXXXXX	Hochiminh G/W	Hanoi G/W
CP & TD Network	80	XXXXX	Hanoi G/W	Hochiminh G/W
(Central Posts and Telecommunications Division)	80	XXXXX	Danang G/W	Hochiminh G/W
	80	XXXXX	Hochiminh G/W	Hanoi G/W
Data Network	125		Hanoi G/W	Hochiminh G/W
Internet	1260		Hanoi G/W	Hochiminh G/W

G/W: Gateway

## **Changes in the Administrations/ROAs and other entities or Organizations**

### **Germany**

Communication of 5.III.2001:

#### *Granting of recognized agency (ROA) status*

The *Federal Ministry of Economics and Technology* (Bundesministerium für Wirtschaft und Technologie), Bonn, announces that the operator/service provider, STAR 21 Operations GmbH, Frankfurt am Main, having acquired a license to provide telecommunication services on the basis of self-operated networks in Germany, has been granted the status of recognized operating agency (ROA), in accordance with Article 6 of, and Nos. 1007 and 1008 of the Annex to, the Constitution of ITU as contained in the Final Acts of the Additional Plenipotentiary Conference (Geneva, 1992).

The address of STAR 21 Operations GmbH is as follows:

STAR 21 Operations GmbH  
Hanauer Landstrasse, 175-179  
60314 FRANKFURT AM MAIN  
Germany  
Tel: +49 69 217 82 203  
Fax: +49 69 217 82 01

For further information, please contact:

Mr E. Lieser  
Federal Ministry of Economics and Technology  
(Bundesministerium für Wirtschaft und Technologie)  
Division VII A4  
53107 BONN  
Germany  
Tel: +49 228 615 2948  
Fax: +49 228 615 2964  
E-mail: buero-via4@bmwi.bund.de



## Zambia

Communication of 9.III.2001:

*Zambia Telecommunications Company Limited (ZAMTEL)*, Ndola, announces the following changes within its Commercial Department:

- the acting Director Commercial Services is Mr B.A. Sakala, replacing Mr C.K. Musonda;
- Mrs Agnes Chitula has taken over from Mr Peter Nyimbiri as Manager International Services who has since been transferred to the Revenue Management Section; and
- Mr Francis Tembo is the new Chief Telecommunications Officer in charge of International Network Operations, taking over from Mr L.K.K. Sombe who has been moved to our Sales Section.

The contact points for the maintenance of international telecommunications services are the following:

Mwembeshi 1A & 2A Earth Stations Lusaka

Hours of operation: 24 hr/24

Tel: +260 1 23299/+260 1 225299

Fax: +260 1 225499

Telex: 902 41370 zamsat za

International Transmission Maintenance Centre (ITMC) Lusaka

Hours of operation: 0530 - 1500 hours UTC

Tel: +260 1 225241/+260 1 225240

Fax: +260 1 235222

IMC Multiplex Lusaka

- Carriers

Hours of operation: 24 hr/24

Tel: +260 1 220799/+260 1 220999

Fax: +260 1 235222

Telex: 902 41110 lusaka imc mux

- Microwave

Hours of operation: 24 hr/24

Tel: +260 1 224788

Fax: +260 1 235222

International Switching Centre

- ISC Lusaka

- ISC 1/ITMC

Hours of operation: 0600 - 1500 hours UTC

Tel: +260 1 235221/+260 1 235223/+260 1 235224

Fax: +260 1 235222

Telex Faults VFT Kitwe

Hours of operation:

0600 - 1500 hours UTC

0600 - 1100 hours UTC (Saturday)

Tel: +260 2 227799/+260 2 224183

Fax: +260 2 228499

Telex: 902 51032 eltex v za

For enquiries and any clarification, please contact (Mon - Fri: 0600 - 1500 hours UTC):

International Network Operations

Zambia Telecommunications Company Limited (ZAMTEL)

P.O. Box 71660

NDOLA

Zambia

Tel: +260 2 61779 ou 611111, ext. 231

Fax: +260 2 619243

Telex: 902 33410 zamtel za

## Other Communications

### Guatemala

Communication of 19.II.2001:

Public holidays in 2001 (day, month):

1.01	New Year's Day
12.04 and 13.04	Easter
1.05	Labour Day
30.06	Army Day
15.08	Assumption
15.09	Independence Day
20.10	Revolution Day
1.11	All Saints' Day
24.12	Christmas Eve
25.12	Christmas
31.12	New Year

### Note by the Radiocommunication Bureau (BR):

By its communication of 21 March 2001, the *Federal Ministry of Telecommunications of the FR of Yugoslavia*, Novi Beograd, announces the following:

"On the occasion of the participation of Amateur Radio Union as national representative in the WPX Contest and IARU HF World Championship, the *Federal Ministry of Telecommunications of the FR of Yugoslavia* authorizes certain amateur stations to use the special call sign 4O from 23 to 27 March 2001, from 25 to 29 May 2001 and from 6 to 10 July 2001."

## Service Restrictions

### Note from the TSB

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

OB No.	
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), Sweden (p. 9).
700	Slovenia (p. 9).
701	Australia (p. 7), United Arab Emirates (p. 12), Singapore (p. 5), Trinidad and Tobago (p. 13).
702	Western Samoa (p. 6).
704	Finland (p. 13).
707	Germany (p. 3), Morocco (p. 5).
708	Germany (p. 9).

<i>OB No.</i>	
709	Uruguay (p. 8).
710	Germany (p. 19), New Caledonia (p. 19).
711	Slovenia (p. 8).
712	Maldives (p. 6), New Caledonia (p. 6).
713	Trinidad and Tobago (p. 38).
714	Germany (p. 6), Malawi (p. 12).
716	Norway (p. 17).
719	Denmark (p. 5).
722	Belize (p. 8).
723	Netherlands Antilles (p. 23-24), Australia (p. 8).
724	Barbados (p. 6), United Arab Emirates (p. 7), New Caledonia (p. 9).
726	Australia (p. 13, 31), Finland (p. 12), Indonesia (p. 16, 31), Japan (p. 12), Malaysia (p. 12).
727	Lithuania (p. 6), Morocco (p. 5).
729	Netherlands Antilles (p. 9), Uruguay (p. 17/18).
731	Netherlands (p. 8).
733	Trinidad and Tobago (p. 19).
737	Belize (p. 8), Turks and Caicos Islands (p. 12).

### **Call-Back and alternative calling procedures (Res. 21 Rev. PP-98)**

#### **Note from the TSB**

Countries/geographical areas for which an information regarding "Call-Back and certain alternative calling procedures not in accordance with the relevant regulations" have 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), 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 (Rev. Minneapolis, 1998) of the Plenipotentiary Conference (Minneapolis, 1998) and Resolution 29 of the World Telecommunication Standardization Assembly, WTSA-2000 (Montreal, 2000).

# AMENDMENTS TO SERVICE DOCUMENTS

## Abbreviations used

<b>ADD</b>	insert	<b>PAR</b>	paragraph
<b>COL</b>	column	<b>REP</b>	replace
<b>LIR</b>	read	<b>SUP</b>	delete
<b>P</b>	page(s)		

## List of Ship Stations (List V) 40th Edition, June 2000 and Supplements Nos. 1, 2 and 3

### Part IV

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

#### ADD

**GI01** APRA 2000 Co. Ltd., 14 Nutsbidze Street, Tbilisi, 380113 Georgia.  
(Tel: +995 32933126, Fax: +995 32933126, E-mail: apramarine@acces.sanet.ge)

#### REP

**HX11** Hong Kong Ferry (Holdings) Co. Ltd., 98 Tam Kon Shan Road, Ngau Kok Wan,  
North Tsing Yi, New Territories, Hong Kong.  
(Tel: +852 23944294, Fax: +852 27869001)  
*Contact Person: Nansy C.Y. Leung*

**YU02** Savezna javna ustanova za uredivanje i održavanje pomorskih plovnih puteva,  
PLOVPUT, Jovana Tomasevica 14, P.O. Box 14, 85000 Bar, Yugoslavia.

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

**P 123 NOR REP**  
(Supplement No. 3)

#### NOR

- |    |      |      |      |      |
|----|------|------|------|------|
| a) | BE02 | DP05 | GB01 | GB05 |
|    | GB08 | NO01 |      |      |
| b) | NO01 |      |      |      |

**List of ITU Carrier Codes  
(According to ITU-T Recommendation M.1400)  
(Position on 15 April 2000)**

(Annex to ITU Operational Bulletin No. 714 – 15.IV.2000)

(Amendment No. 10)

<b>Country or area/ISO code Company Name/Address</b>	<b>Company Code (carrier code)</b>	<b>Contact</b>
<b>P 19</b> <i>Guyana / GUY</i> <b>LIR</b> Guyana Telephone & Telegraph Co. Ltd 79 Brickdam P.O. Box 10628 GEORGETOWN	GTT	Eustace Abrams Director, Business Planning Tel: +592 223 8244 Fax: +592 226 8940 E-mail: eabrams@gtt.co.gy
<b>P 22</b> <i>Iceland / ISL</i> <b>LIR</b> Iceland Telecom Ltd v/Austurvoll IS-150 REYKJAVIK	IT	Tel: +354 550 6000 Fax: +354 550 6009 E-mail: it@simi.is

**List of International Signalling Point Codes (ISPC)  
(According to ITU-T Recommendation Q.708 (03/99))  
(Position on 1 March 2001)**

(Annex to ITU Operational Bulletin No. 735 – 1.III.2001)

(Amendment No. 2)

<b>Country/ geographical area ISPC</b>	<b>Unique name of the signalling point</b>	<b>Name of the signalling point operator</b>
<b>P 3</b> <b>ADD</b> <i>Algeria</i>		
6-006-1	Alger ISC	Ministère des Postes et Télécommunications
6-006-3	Oran ISC	Ministère des Postes et Télécommunications
6-006-4	Constantine ISC	Ministère des Postes et Télécommunications
6-006-7	Alger MSC (GSM, mobile)	Ministère des Postes et Télécommunications
<b>P 5</b> <i>Australia</i> <b>ADD</b>		
5-115-4	L2SP	One.Tel Ltd
5-115-5	L3ST	One.Tel Ltd
5-115-6	L2PN	One.Tel Ltd
5-115-7	L3TN	One.Tel Ltd
<b>P 45/49</b> <i>United States</i> <b>LIR</b>		
3-038-0	New York, NY	Zone USA, Inc. (d/b/a ZONE Telecom, Inc.)
3-038-1	New York, NY	Zone USA, Inc. (d/b/a ZONE Telecom, Inc.)
3-191-0	Los Angeles, CA	Deutsche Telekom, Inc.
3-191-1	New York, NY	Deutsche Telekom, Inc.
<b>P 20</b> <i>Ireland</i> <b>ADD</b>		
2-146-5	East Wall Dublin	COLT Telecommunications
2-146-6	East Wall Dublin	COLT Telecommunications

<b>P 25</b>	<b>ADD</b>	<b>Mauritania</b>		
	6-018-4	Nouakchott 3		Mauritel Mobiles
<b>P 29</b>	<b>Norway</b>	<b>ADD</b>		
	2-087-3	Oslo1		Utfors AS
<b>P 27</b>	<b>Netherlands</b>	<b>ADD</b>		
	2-002-5	Amsterdam1		Jippii Internet Services B.V.
	2-002-7	Rotterdam Rt2 SCP 3		KPN Telecom, International Network Services
<b>P 32</b>	<b>Singapore</b>	<b>ADD</b>		
	5-053-7	Hornets – GNCC		Hornets Communications Asia Pte Ltd
<b>P 34</b>	<b>Sweden</b>	Utfors Stockholm AB	2-080-1	<b>LIR</b>
	2-080-1	Stockholm (ISC1)		Utfors Bredband AB
<b>P 37</b>	<b>Turkey</b>	<b>ADD</b>		
	2-173-0	Ankara/Globalstar GMPCS		Turk Telekom/Globalstar
	2-173-1	Ankara/Aycell GSM		Aycell
	2-173-2	Istanbul/Aycell GSM		Aycell
	2-173-3	Izmir/Aycell GSM		Aycell
	2-173-4	Ankara/Telsim GSM		Telsim
	2-173-5	Istanbul/Telsim GSM		Telsim

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

## **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. 20)\*

### **Numerical order ADD**

**P 10** 5-116 Australia

### **Alphabetical order ADD**

**P 12** 5-116 Australia

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\* Last Amendment to this List. See new List in Annex to this Operational Bulletin No. 737 of 1.IV.2001.

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

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

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

(Amendment No. 22)

**P 19** ICELAND

Network code: IS   **COL 2**   Iceland Telecom Ltd (IT)

**COL 1-5**   **LIR**

**Date of application: 1 May 2001 at 0000 hours UTC**

Country/ geographical area	Network (Administration/ROA)	Network code	Name of Telegraph Office	Office code
1	2	3	4	5
<b>ISLANDE ICELAND ISLANDIA</b>	Iceland Telecom Ltd (IT), Reykjavik <sup>1)</sup>	IS - - <sup>1)</sup>	REYKJAVIC <sup>1)</sup> All others <sup>1)</sup>	ISRK <sup>1)</sup> ISRX <sup>1)</sup>

<sup>1)</sup> The international telegram service will not be accepted from and to Iceland as from 1 May 2001 (see the communication from Iceland Telecom Ltd in Operational Bulletin No. 737 of 1.IV.2001, page 7). Consequently, the telegram destination indicator IS and the office codes "ISRK / REYKJAVIK" and "ISRX / All others" will be deleted as from 1.V.2001 at 0000 hours UTC.  
The two letters IS will however remain reserved for use by Iceland (for the telex service, ITU-T Recommendations F.68/F.69, and for the Maritime Mobile Service, ITU-T Recommendation D.90).

**List of ITU-T Recommendation E.164 assigned Country Codes  
(Complement to ITU-T Recommendation E.164 (05/97))  
(Position on 1 June 2000)**

(Annex to ITU Operational Bulletin No. 717 - 1.VI.2000)

(Amendment No. 8)

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

**P 17** Note k Iridium +881 6 and +881 7   **LIR\***

<i>Applicant</i>	<i>Country Code and Identification Code</i>	<i>Situation</i>
Iridium Satellite LLC	+881 6 and +881 7	Assigned

\* The two one-digit identification codes (+881 6 and +881 7), previously assigned to Iridium, have now been assigned to Iridium Satellite LLC. See present Operational Bulletin No. 737 of 1.IV.2001, page 5.

**List of Issuer Identifier Numbers for  
the international telecommunication charge card  
(in accordance with ITU-T Recommendation E.118)  
(Position on 1 November 2000)**

(Annex to ITU Operational Bulletin No. 727 – 1.XI.2000)

(Amendment No. 5)

**P 6 Bolivia ADD**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Bolivia	<b>ENTEL S.A.</b> Gerencia Asuntos Regulatorios y Competencia Federico Zuazo 1771 LA PAZ	89 591 02	Waldo Pantoja Federico Zuazo 1771 LA PAZ Tel: +591 812 2005 Fax: +591 239 1789	18.XII.2000

**P 28 Spain ADD**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Spain	<b>Xfera Móviles, S.A.</b> Edificio Apot. C/Ribera del Seña s/m 28042 MADRID	89 34 04	Pablo Gonzales Edificio Apot. C/Ribera del Seña s/m 28042 MADRID Tel: +34 91 131 5505 Fax: +34 91 131 5684 E-mail: pablo.gonzales@ xfera.com	VIII.2001

**P 24 ADD Niger**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Niger	<b>Celtel Niger SA</b> c/o Maître Aissatou Djibo Rue du Grand Hôtel NIAMEY	89 227 02	Monsieur Emmanuel M. Kolade c/o Maître Aissatou Djibo Rue du Grand Hôtel NIAMEY Tel: +227 73 3838 Fax: +227 73 2304 E-mail: kolade.m@ msi-cellular.com	1.V.2001

**P 29 Sweden AB Nordic Tel 89 46 08 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Europolitan AB</b> SE-371 80 KARLAKRONA	89 46 08	Magnus Forsbrand SF-371 80 KARLAKRONA Tel: +46 455 33 1000 Fax: +46 455 33 1499	



**P 29** Sweden Comviq GSM AB (Comviq) **89 46 20 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Tele2 AB</b> Box 62 SE-164 94 KISTA	89 46 20	Olof H. Hallström Box 62 SE-164 94 KISTA Tel: +46 8 5626 4000 Fax: +46 8 5626 4200 E-mail: olof-h.hallstrom@ tele2.se	

**P 29** Sweden **89 46 70 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Tele2 AB</b> Box 62 SE-164 94 KISTA	89 46 70	Olof H. Hallström Box 62 SE-164 94 KISTA Tel: +46 8 5626 4000 Fax: +46 8 5626 4200 E-mail: olof-h.hallstrom@ tele2.se	

**P 29** Sweden **89 46 71 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Tele2 AB</b> Box 62 SE-164 94 KISTA	89 46 71	Olof H. Hallström Box 62 SE-164 94 KISTA Tel: +46 8 5626 4000 Fax: +46 8 5626 4200 E-mail: olof-h.hallstrom@ tele2.se	

**P 29** Sweden Telia AB **89 46 00 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Nära AB</b> SE-172 84 SUNDBYBERG	89 46 00	Eva Bengtsson SE-172 84 SUNDBYBERG Tel: +46 8 475 1460 Fax: +46 8 98 2821 E-mail: eva.h.bengtsson@ telia.se	

**P 29** Sweden Telia AB **89 46 02 LIR**

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Nära AB</b> SE-172 84 SUNDBYBERG	89 46 02	Eva Bengtsson SE-172 84 SUNDBYBERG Tel: +46 8 475 1460 Fax: +46 8 98 2821 E-mail: eva.h.bengtsson@ telia.se	

**P 29** Sweden Telia Card AB **89 46 03** LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Nära AB</b> SE-172 84 SUNDBYBERG	89 46 03	Eva Bengtsson SE-172 84 SUNDBYBERG Tel: +46 8 475 1460 Fax: +46 8 98 2821 E-mail: eva.h.bengtsson@ telia.se	

**P 29** Sweden Telia Card AB **89 46 04** LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Nära AB</b> SE-172 84 SUNDBYBERG	89 46 04	Eva Bengtsson SE-172 84 SUNDBYBERG Tel: +46 8 475 1460 Fax: +46 8 98 2821 E-mail: eva.h.bengtsson@ telia.se	

**P 29** Sweden Telia Mobitel AB **89 46 01** LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Mobile AB</b> SE-851 87 SUNDSVALL	89 46 01	Lars Holmström SE-851 87 SUNDSVALL Tel: +46 60 14 5417 Fax: +46 60 14 5600 E-mail: lars.f.holmstrom@ telia.se	

**P 29** Sweden Unisource Business Networks Sverige AB **89 46 10** LIR

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Sweden	<b>Telia Nära AB</b> SE-172 84 SUNDBYBERG	89 46 10	Eva Bengtsson SE-172 84 SUNDBYBERG Tel: +46 8 475 1460 Fax: +46 8 98 2821 E-mail: eva.h.bengtsson@ telia.se	

**P 28** **ADD** Suriname

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Suriname	<b>International Communication Management &amp; Services (Ltd)</b> Brokopondolaan No. 9 P.O. Box 12667 PARAMARIBO	89 597 01	Susan Patterson Brokopondolaan No. 9 P.O. Box 12667 PARAMARIBO Tel: +597 490271 Fax: +597 433350 E-mail: cins@ce-link.sr	

**Approving organization for IINs of listed countries (ITU-T Rec. E.118)****P 45 Bolivia LIR**

Country/geographical area	Approving Organization
Bolivia	Superintendencia de Telecomunicaciones (SITTEL) Calle 13 No. 8260 y 8280 Calacoto Casilla 6692 LA PAZ Tel: +591 2 772266 Fax: +591 2 772299 E-mail: sittel@ceibo.entelnet.bo

**P 50 ADD Niger**

Country/geographical area	Approving Organization
Niger	Ministère de la Communication Direction de la Réglementation des Postes et Télécommunications NIAMEY Tel: +227 722074 / +227 733097 Fax: +227 722336 / +227 725028 E-mail: drpt@intenet.ne

**P 52 Sweden LIR**

Country/geographical area	Approving Organization
Sweden	National Post and Telecom Agency Box 5398 SE-102 49 STOCKHOLM Tel: +46 8 678 5500 Fax: +46 8 678 5505

**P 52 ADD Suriname**

Country/geographical area	Approving Organization
Suriname	Ms I.M. Struiken-Wijdenbosch Managing Director Telecommunicatiebedrijf Suriname (TELESUR) Heilingenweg No. 1 P.O. Box 1839 PARAMARIBO Tel: +597 473944 Fax: +597 424171

**Dialling Procedures**  
**(International prefix, national (trunk) prefix and**  
**national (significant) number)**  
**(in accordance with ITU-T Recommendation E.164)**  
**(Position on 1 July 2000)**

(Annex to Operational Bulletin No. 719 – 1.VII.2000)

(Amendment No. 6)

Country/geographical area	Code	International Prefix	National Prefix	National (significant) number	Note
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**P 5** Guyana **LIR**

Guyana	592	001		7 digits	
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**INTERNATIONAL TELECOMMUNICATION UNION**

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

**COMPLEMENT TO ITU-T RECOMMENDATION Q.708 (03/99)**

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**LIST OF SIGNALLING AREA/NETWORK**  
**CODES (SANC)**

(POSITION ON 1 APRIL 2001)

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# List of Signalling Area/Network Codes (SANC)

## ***Note by the TSB***

1. This List of Signalling Area/Network Codes (SANC) replaces the previous one published as Annex to the ITU Operational Bulletin No. 711 of 1.III.2000. Since then, various new assignments have been made and they have been published separately in various issues of the ITU Operational Bulletin. The present List contains all the amendments that have been published up to Operational Bulletin No. 737 of 1.IV.2001.

2. The present List includes:

- a list of SANC codes in numerical order
- a list of SANC codes in alphabetical order of names of countries/geographical areas.

3. ITU-T Recommendation Q.708 (03/99) states that the assignment of signalling area/network codes (SANC) is to be administered by the TSB. The assignment/withdrawal of international signalling point codes (ISPC) will be made by each country who will then notify the TSB.

4. A request for a SANC is to be made by the Administration in writing to the Director of the TSB. In order to request an additional SANC an Administration must provide the Director of the TSB notification of the current assignment of ISPCs by that Administration. Assignment of an additional SANC code requires assignment of 75 percent of the ISPC codes in all SANC codes previously assigned to the Administration concerned.

5. For information, 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 (<http://www.itu.int/itu-t/bulletin>), and can be consulted by subscribers by remote access.

6. Countries who wish to take part in the international signalling network or require an additional signalling area/network code (SANC) should ask the Director of the TSB for the assignment of an available SANC code. In their request they may indicate the available SANC code preferred. Please address any comments to the Director of the TSB:

International Telecommunication Union (ITU)  
Director of the TSB  
Place des Nations  
CH-1211 GENEVA 20  
Switzerland  
Tel: +41 22 730 5866  
Fax: +41 22 730 5853  
E-mail: [tsbmail@itu.int](mailto:tsbmail@itu.int)

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.

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-000	Liechtenstein (Principality of)
2-001	Italy
2-002	Netherlands (Kingdom of the)
2-003	Italy
2-004	Greece
2-005	Greece
2-006	Netherlands (Kingdom of the)
2-007	Netherlands (Kingdom of the)
2-008	Netherlands (Kingdom of the)
2-009	Netherlands (Kingdom of the)
2-010	Netherlands (Kingdom of the)
2-011	Netherlands (Kingdom of the)
2-012	Belgium
2-013	Belgium
2-014	Belgium
2-015	Belgium
2-016	France
2-017	France
2-018	France
2-019	France
2-020	France
2-021	France
2-022	France
2-023	France
2-024	Monaco (Principality of)
2-025	Austria
2-026	Austria
2-027	Spain
2-028	Spain
2-029	Spain
2-030	Spain
2-031	Spain
2-032	Hungary (Republic of)
2-033	Germany (Federal Republic of)
2-034	Germany (Federal Republic of)
2-035	Germany (Federal Republic of)
2-036	Germany (Federal Republic of)
2-037	Germany (Federal Republic of)
2-038	Germany (Federal Republic of)
2-039	Germany (Federal Republic of)
2-040	Yugoslavia (Federal Republic of)
2-041	Italy
2-042	Italy
2-043	Italy
2-044	Italy
2-045	Italy
2-046	Italy
2-047	Italy
2-048	Italy
2-049	Italy
2-050	Italy
2-051	Italy
2-052	Romania
2-053	Switzerland (Confederation of)
2-054	Switzerland (Confederation of)
2-055	Switzerland (Confederation of)
2-056	Switzerland (Confederation of)
2-057	Switzerland (Confederation of)
2-058	Switzerland (Confederation of)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-059	Switzerland (Confederation of)
2-060	Czech Republic
2-061	Switzerland (Confederation of)
2-062	Switzerland (Confederation of)
2-063	Switzerland (Confederation of)
2-064	Austria
2-065	Austria
2-066	Austria
2-067	Austria
2-068	United Kingdom of Great Britain and Northern Ireland
2-069	United Kingdom of Great Britain and Northern Ireland
2-070	United Kingdom of Great Britain and Northern Ireland
2-071	United Kingdom of Great Britain and Northern Ireland
2-072	United Kingdom of Great Britain and Northern Ireland
2-073	United Kingdom of Great Britain and Northern Ireland
2-074	United Kingdom of Great Britain and Northern Ireland
2-075	United Kingdom of Great Britain and Northern Ireland
2-076	Denmark
2-077	Denmark
2-078	Denmark
2-079	Denmark
2-080	Sweden
2-081	Sweden
2-082	Sweden
2-083	Sweden
2-084	Norway
2-085	Norway
2-086	Norway
2-087	Norway
2-088	Finland
2-089	Finland
2-090	Finland
2-091	Finland
2-092	Estonia (Republic of)
2-093	Italy
2-094	Italy
2-095	Italy
2-096	Latvia (Republic of)
2-097	Belgium
2-098	Belgium
2-099	Belgium
2-100	Russian Federation
2-101	Russian Federation
2-102	Russian Federation
2-103	Russian Federation
2-104	Russian Federation
2-105	Russian Federation
2-106	Russian Federation
2-107	Russian Federation
2-108	Russian Federation
2-109	Russian Federation
2-110	Russian Federation
2-111	Russian Federation
2-112	Russian Federation
2-113	Russian Federation
2-114	Russian Federation
2-115	Russian Federation
2-116	Russian Federation
2-117	Russian Federation
2-118	Russian Federation



## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-119	Russian Federation
2-120	Poland (Republic of)
2-121	Germany (Federal Republic of)
2-122	Germany (Federal Republic of)
2-123	Germany (Federal Republic of)
2-124	Germany (Federal Republic of)
2-125	Germany (Federal Republic of)
2-126	Germany (Federal Republic of)
2-127	Germany (Federal Republic of)
2-128	Germany (Federal Republic of)
2-129	Germany (Federal Republic of)
2-130	Germany (Federal Republic of)
2-131	Germany (Federal Republic of)
2-132	Gibraltar
2-133	Austria
2-134	Poland (Republic of)
2-135	Luxembourg
2-136	Portugal
2-137	Portugal
2-138	Portugal
2-139	Portugal
2-140	Luxembourg
2-141	Luxembourg
2-142	Netherlands (Kingdom of the)
2-144	Ireland
2-145	Ireland
2-146	Ireland
2-147	United Kingdom of Great Britain and Northern Ireland
2-148	Iceland
2-149	France
2-150	France
2-151	France
2-152	Albania (Republic of)
2-153	United Kingdom of Great Britain and Northern Ireland
2-154	United Kingdom of Great Britain and Northern Ireland
2-155	United Kingdom of Great Britain and Northern Ireland
2-156	Malta
2-157	Italy
2-158	Italy
2-159	Italy
2-160	Cyprus (Republic of)
2-161	United Kingdom of Great Britain and Northern Ireland
2-162	United Kingdom of Great Britain and Northern Ireland
2-163	United Kingdom of Great Britain and Northern Ireland
2-164	United Kingdom of Great Britain and Northern Ireland
2-165	United Kingdom of Great Britain and Northern Ireland
2-166	United Kingdom of Great Britain and Northern Ireland
2-167	United Kingdom of Great Britain and Northern Ireland
2-168	Bulgaria (Republic of)
2-169	United Kingdom of Great Britain and Northern Ireland
2-170	United Kingdom of Great Britain and Northern Ireland
2-171	Turkey
2-172	Turkey
2-173	Turkey
2-174	United Kingdom of Great Britain and Northern Ireland
2-175	United Kingdom of Great Britain and Northern Ireland
2-176	United Kingdom of Great Britain and Northern Ireland
2-177	United Kingdom of Great Britain and Northern Ireland
2-178	United Kingdom of Great Britain and Northern Ireland
2-179	United Kingdom of Great Britain and Northern Ireland

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-180	Croatia (Republic of)
2-181	Italy
2-182	Slovenia (Republic of)
2-183	Italy
2-184	San Marino (Republic of)
2-185	United Kingdom of Great Britain and Northern Ireland
2-186	United Kingdom of Great Britain and Northern Ireland
2-187	United Kingdom of Great Britain and Northern Ireland
2-188	United Kingdom of Great Britain and Northern Ireland
2-189	United Kingdom of Great Britain and Northern Ireland
2-190	United Kingdom of Great Britain and Northern Ireland
2-191	United Kingdom of Great Britain and Northern Ireland
2-192	Sweden
2-193	Sweden
2-194	Sweden
2-195	Sweden
2-196	Andorra (Principality of)
2-197	Andorra (Principality of)
2-198	Netherlands (Kingdom of the)
2-200	Armenia (Republic of)
2-201	France
2-202	France
2-203	France
2-204	Belarus (Republic of)
2-205	Sweden
2-207	Italy
2-208	Georgia
2-209	United Kingdom of Great Britain and Northern Ireland
2-210	United Kingdom of Great Britain and Northern Ireland
2-214	Ukraine
2-217	Denmark
2-218	Bosnia and Herzegovina
2-219	Bosnia and Herzegovina
2-220	The Former Yugoslav Republic of Macedonia
2-221	France
2-224	Moldova (Republic of)
2-228	Czech Republic
2-229	Czech Republic
2-230	Czech Republic
2-231	Czech Republic
2-232	Slovak Republic
2-233	Slovak Republic
2-234	Slovak Republic
2-235	Slovak Republic
2-236	Lithuania (Republic of)
2-237	Spain
2-238	Spain
2-239	Spain
2-240	Spain
2-241	Spain
2-242	Germany (Federal Republic of)
2-243	Germany (Federal Republic of)
2-244	Germany (Federal Republic of)
2-245	Germany (Federal Republic of)
2-246	Germany (Federal Republic of)
2-247	Germany (Federal Republic of)
2-248	Germany (Federal Republic of)
2-249	Germany (Federal Republic of)
2-250	Germany (Federal Republic of)
2-251	Germany (Federal Republic of)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-252	Germany (Federal Republic of)
2-253	Netherlands (Kingdom of the)
2-254	Finland
2-255	Finland
3-004	Canada
3-005	Canada
3-006	Canada
3-007	Canada
3-008	Canada
3-009	Canada
3-010	Canada
3-011	Canada
3-012	Canada
3-016	Saint Pierre and Miquelon (Collectivité territoriale de la République française)
3-018	Greenland (Denmark)
3-020	United States of America
3-021	United States of America
3-022	United States of America
3-023	United States of America
3-024	United States of America
3-025	United States of America
3-026	United States of America
3-027	United States of America
3-028	United States of America
3-029	United States of America
3-030	United States of America
3-031	United States of America
3-032	United States of America
3-033	United States of America
3-034	United States of America
3-035	United States of America
3-036	United States of America
3-037	United States of America
3-038	United States of America
3-039	United States of America
3-040	United States of America
3-041	United States of America
3-042	United States of America
3-043	United States of America
3-044	United States of America
3-045	United States of America
3-046	United States of America
3-047	United States of America
3-048	United States of America
3-049	United States of America
3-050	United States of America
3-051	United States of America
3-052	United States of America
3-053	United States of America
3-054	United States of America
3-055	United States of America
3-056	United States of America
3-057	United States of America
3-058	United States of America
3-059	United States of America
3-060	Puerto Rico
3-064	United States Virgin Islands
3-068	Mexico

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
3-069	Mexico
3-070	Mexico
3-071	Mexico
3-072	Mexico
3-073	Mexico
3-074	Mexico
3-075	Mexico
3-076	Jamaica
3-084	Barbados
3-088	Antigua and Barbuda
3-092	Cayman Islands
3-096	British Virgin Islands
3-100	Bermuda
3-104	Grenada
3-108	Montserrat
3-112	Saint Kitts and Nevis
3-116	Saint Lucia
3-120	Saint Vincent and the Grenadines
3-124	Netherlands Antilles
3-128	Bahamas (Commonwealth of the)
3-132	Dominica (Commonwealth of)
3-136	Cuba
3-140	Dominican Republic
3-144	Haiti (Republic of)
3-148	Trinidad and Tobago
3-152	Turks and Caicos Islands
3-156	Guadeloupe (French Department of)
3-160	Martinique (French Department of)
3-164	Aruba
3-168	Anguilla
3-172	Mexico
3-173	Mexico
3-174	Mexico
3-179	Faroe Islands
3-180	United States of America
3-181	United States of America
3-182	United States of America
3-183	United States of America
3-184	United States of America
3-185	United States of America
3-186	United States of America
3-187	United States of America
3-188	United States of America
3-189	United States of America
3-190	United States of America
3-191	United States of America
3-192	United States of America
3-193	United States of America
3-194	United States of America
3-195	United States of America
3-196	United States of America
3-197	United States of America
4-008	India (Republic of)
4-009	India (Republic of)
4-020	Pakistan (Islamic Republic of)
4-024	Afghanistan (Islamic State of)
4-026	Sri Lanka (Democratic Socialist Republic of)
4-028	Myanmar (Union of)
4-030	Lebanon
4-032	Jordan (Hashemite Kingdom of)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
4-033	Jordan (Hashemite Kingdom of)
4-034	Syrian Arab Republic
4-036	Iraq (Republic of)
4-038	Kuwait (State of)
4-040	Saudi Arabia (Kingdom of)
4-042	Yemen (Republic of)
4-044	Oman (Sultanate of)
4-046	Yemen (Republic of)
4-048	United Arab Emirates
4-050	Israel (State of)
4-051	Israel (State of)
4-052	Bahrain (State of)
4-054	Qatar (State of)
4-056	Mongolia
4-058	Nepal
4-060	United Arab Emirates
4-062	United Arab Emirates
4-064	Iran (Islamic Republic of)
4-070	Azerbaijani Republic
4-072	Bhutan (Kingdom of)
4-074	Kazakstan (Republic of)
4-078	Kyrgyz Republic
4-079	Kyrgyz Republic
4-080	Japan
4-081	Japan
4-082	Japan
4-083	Japan
4-085	Japan
4-100	Korea (Republic of)
4-101	Korea (Republic of)
4-104	Viet Nam (Socialist Republic of)
4-105	Hongkong, China
4-106	Hongkong, China
4-107	Hongkong, China
4-108	Hongkong, China
4-109	Hongkong, China
4-110	Macao, China
4-112	Cambodia (Kingdom of)
4-114	Lao People's Democratic Republic
4-120	China (People's Republic of)
4-121	China (People's Republic of)
4-122	China (People's Republic of)
4-123	China (People's Republic of)
4-124	China (People's Republic of)
4-125	China (People's Republic of)
4-126	China (People's Republic of)
4-135	Democratic People's Republic of Korea
4-140	Bangladesh (People's Republic of)
4-144	Maldives (Republic of)
4-145	Korea (Republic of)
4-146	Korea (Republic of)
4-147	Korea (Republic of)
4-148	Korea (Republic of)
4-149	Korea (Republic of)
4-150	Korea (Republic of)
4-151	Korea (Republic of)
4-152	Korea (Republic of)
4-153	Korea (Republic of)
4-154	Korea (Republic of)
4-157	Tajikistan (Republic of)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
4-160	Turkmenistan
4-164	Uzbekistan (Republic of)
4-170	Taiwan, China
4-171	Taiwan, China
4-172	Taiwan, China
4-173	Taiwan, China
4-174	Taiwan, China
4-175	Reserved
4-177	Hongkong, China
5-004	Malaysia
5-005	Malaysia
5-006	Malaysia
5-007	Malaysia
5-008	Malaysia
5-010	Australia
5-011	Australia
5-012	Australia
5-013	Australia
5-014	Australia
5-015	Australia
5-016	Australia
5-017	Australia
5-018	Australia
5-019	Australia
5-020	Indonesia (Republic of)
5-021	Indonesia (Republic of)
5-022	Indonesia (Republic of)
5-030	Philippines (Republic of the)
5-031	Philippines (Republic of the)
5-032	Philippines (Republic of the)
5-033	Philippines (Republic of the)
5-034	Philippines (Republic of the)
5-035	Philippines (Republic of the)
5-036	Philippines (Republic of the)
5-040	Thailand
5-041	Thailand
5-042	Thailand
5-050	Singapore (Republic of)
5-051	Singapore (Republic of)
5-052	Singapore (Republic of)
5-053	Singapore (Republic of)
5-054	Singapore (Republic of)
5-055	Singapore (Republic of)
5-056	Brunei Darussalam
5-060	New Zealand
5-063	New Zealand
5-065	New Zealand
5-067	New Zealand
5-070	Guam
5-072	Nauru (Republic of)
5-074	Papua New Guinea
5-078	Tonga (Kingdom of)
5-080	Solomon Islands
5-082	Vanuatu (Republic of)
5-084	Fiji (Republic of)
5-086	Wallis and Futuna (Territoire français d'outre-mer)
5-088	American Samoa
5-090	Niue
5-092	New Caledonia (Territoire français d'outre-mer)
5-094	French Polynesia (Territoire français d'outre-mer)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
5-096	Cook Islands
5-098	Samoa (Independent State of)
5-100	Kiribati (Republic of)
5-102	Tuvalu
5-105	Marshall Islands (Republic of the)
5-107	Micronesia (Federated States of)
5-110	Palau (Republic of)
5-113	Northern Mariana Islands (Commonwealth of the)
5-115	Australia
5-116	Australia
6-004	Egypt (Arab Republic of)
6-006	Algeria (People's Democratic Republic of)
6-008	Morocco (Kingdom of)
6-010	Tunisia
6-012	Libya (Socialist People's Libyan Arab Jamahiriya)
6-014	Gambia (Republic of the)
6-016	Senegal (Republic of)
6-018	Mauritania (Islamic Republic of)
6-020	Mali (Republic of)
6-022	Guinea (Republic of)
6-024	Côte d'Ivoire (Republic of)
6-026	Burkina Faso
6-028	Niger (Republic of the)
6-030	Togolese Republic
6-032	Benin (Republic of)
6-034	Mauritius (Republic of)
6-036	Liberia (Republic of)
6-038	Sierra Leone
6-040	Ghana
6-042	Nigeria (Federal Republic of)
6-044	Chad (Republic of)
6-046	Central African Republic
6-048	Cameroon (Republic of)
6-050	Cape Verde (Republic of)
6-052	Sao Tome and Principe (Democratic Republic of)
6-054	Equatorial Guinea (Republic of)
6-056	Gabonese Republic
6-058	Congo (Republic of the)
6-060	Democratic Republic of the Congo
6-062	Angola (Republic of)
6-064	Guinea-Bissau (Republic of)
6-066	Seychelles (Republic of)
6-068	Sudan (Republic of the)
6-070	Rwandese Republic
6-072	Ethiopia (Federal Democratic Republic of)
6-074	Somali Democratic Republic
6-076	Djibouti (Republic of)
6-078	Kenya (Republic of)
6-080	Tanzania (United Republic of)
6-082	Uganda (Republic of)
6-084	Burundi (Republic of)
6-086	Mozambique (Republic of)
6-090	Zambia (Republic of)
6-092	Madagascar (Republic of)
6-094	Reunion (French Department of)
6-096	Zimbabwe (Republic of)
6-098	Namibia (Republic of)
6-100	Malawi
6-102	Lesotho (Kingdom of)
6-104	Botswana (Republic of)

## List of Signalling Area/Network Codes (SANC) - numerical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
6-106	Swaziland (Kingdom of)
6-108	Comoros (Islamic Federal Republic of the)
6-110	South Africa (Republic of)
6-114	Eritrea
6-116	Ascension
7-004	Belize
7-008	Guatemala (Republic of)
7-009	Guatemala (Republic of)
7-012	El Salvador (Republic of)
7-013	El Salvador (Republic of)
7-016	Honduras (Republic of)
7-020	Nicaragua
7-024	Costa Rica
7-028	Panama (Republic of)
7-032	Peru
7-033	Peru
7-034	Peru
7-035	Peru
7-036	Peru
7-043	Argentine Republic
7-044	Argentine Republic
7-045	Argentine Republic
7-046	Argentine Republic
7-047	Argentine Republic
7-048	Brazil (Federative Republic of)
7-049	Brazil (Federative Republic of)
7-050	Brazil (Federative Republic of)
7-060	Chile
7-061	Chile
7-062	Chile
7-064	Colombia (Republic of)
7-065	Colombia (Republic of)
7-068	Venezuela (Bolivarian Republic of)
7-069	Venezuela (Bolivarian Republic of)
7-072	Bolivia (Republic of)
7-076	Guyana
7-080	Ecuador
7-084	French Guiana (French Department of)
7-088	Paraguay (Republic of)
7-092	Suriname (Republic of)
7-096	Uruguay (Eastern Republic of)



## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
4-024	Afghanistan (Islamic State of)
2-152	Albania (Republic of)
6-006	Algeria (People's Democratic Republic of)
5-088	American Samoa
2-196	Andorra (Principality of)
2-197	Andorra (Principality of)
6-062	Angola (Republic of)
3-168	Anguilla
3-088	Antigua and Barbuda
7-043	Argentine Republic
7-044	Argentine Republic
7-045	Argentine Republic
7-046	Argentine Republic
7-047	Argentine Republic
2-200	Armenia (Republic of)
3-164	Aruba
6-116	Ascension
5-010	Australia
5-011	Australia
5-012	Australia
5-013	Australia
5-014	Australia
5-015	Australia
5-016	Australia
5-017	Australia
5-018	Australia
5-019	Australia
5-115	Australia
5-116	Australia
2-025	Austria
2-026	Austria
2-064	Austria
2-065	Austria
2-066	Austria
2-067	Austria
2-133	Austria
4-070	Azerbaijani Republic
3-128	Bahamas (Commonwealth of the)
4-052	Bahrain (State of)
4-140	Bangladesh (People's Republic of)
3-084	Barbados
2-204	Belarus (Republic of)
2-012	Belgium
2-013	Belgium
2-014	Belgium
2-015	Belgium
2-097	Belgium
2-098	Belgium
2-099	Belgium
7-004	Belize
6-032	Benin (Republic of)
3-100	Bermuda
4-072	Bhutan (Kingdom of)
7-072	Bolivia (Republic of)
2-218	Bosnia and Herzegovina
2-219	Bosnia and Herzegovina
6-104	Botswana (Republic of)
7-048	Brazil (Federative Republic of)
7-049	Brazil (Federative Republic of)

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
7-050	Brazil (Federative Republic of)
3-096	British Virgin Islands
5-056	Brunei Darussalam
2-168	Bulgaria (Republic of)
6-026	Burkina Faso
6-084	Burundi (Republic of)
4-112	Cambodia (Kingdom of)
6-048	Cameroon (Republic of)
3-004	Canada
3-005	Canada
3-006	Canada
3-007	Canada
3-008	Canada
3-009	Canada
3-010	Canada
3-011	Canada
3-012	Canada
6-050	Cape Verde (Republic of)
3-092	Cayman Islands
6-046	Central African Republic
6-044	Chad (Republic of)
7-060	Chile
7-061	Chile
7-062	Chile
4-120	China (People's Republic of)
4-121	China (People's Republic of)
4-122	China (People's Republic of)
4-123	China (People's Republic of)
4-124	China (People's Republic of)
4-125	China (People's Republic of)
4-126	China (People's Republic of)
7-064	Colombia (Republic of)
7-065	Colombia (Republic of)
6-108	Comoros (Islamic Federal Republic of the)
6-058	Congo (Republic of the)
5-096	Cook Islands
7-024	Costa Rica
6-024	Côte d'Ivoire (Republic of)
2-180	Croatia (Republic of)
3-136	Cuba
2-160	Cyprus (Republic of)
2-060	Czech Republic
2-228	Czech Republic
2-229	Czech Republic
2-230	Czech Republic
2-231	Czech Republic
4-135	Democratic People's Republic of Korea
6-060	Democratic Republic of the Congo
2-076	Denmark
2-077	Denmark
2-078	Denmark
2-079	Denmark
2-217	Denmark
6-076	Djibouti (Republic of)
3-132	Dominica (Commonwealth of)
3-140	Dominican Republic
7-080	Ecuador
6-004	Egypt (Arab Republic of)
7-012	El Salvador (Republic of)

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
7-013	El Salvador (Republic of)
6-054	Equatorial Guinea (Republic of)
6-114	Eritrea
2-092	Estonia (Republic of)
6-072	Ethiopia (Federal Democratic Republic of)
3-179	Faroe Islands
5-084	Fiji (Republic of)
2-088	Finland
2-089	Finland
2-090	Finland
2-091	Finland
2-254	Finland
2-255	Finland
2-016	France
2-017	France
2-018	France
2-019	France
2-020	France
2-021	France
2-022	France
2-023	France
2-149	France
2-150	France
2-151	France
2-201	France
2-202	France
2-203	France
2-221	France
7-084	French Guiana (French Department of)
5-094	French Polynesia (Territoire français d'outre-mer)
6-056	Gabonese Republic
6-014	Gambia (Republic of the)
2-208	Georgia
2-033	Germany (Federal Republic of)
2-034	Germany (Federal Republic of)
2-035	Germany (Federal Republic of)
2-036	Germany (Federal Republic of)
2-037	Germany (Federal Republic of)
2-038	Germany (Federal Republic of)
2-039	Germany (Federal Republic of)
2-121	Germany (Federal Republic of)
2-122	Germany (Federal Republic of)
2-123	Germany (Federal Republic of)
2-124	Germany (Federal Republic of)
2-125	Germany (Federal Republic of)
2-126	Germany (Federal Republic of)
2-127	Germany (Federal Republic of)
2-128	Germany (Federal Republic of)
2-129	Germany (Federal Republic of)
2-130	Germany (Federal Republic of)
2-131	Germany (Federal Republic of)
2-242	Germany (Federal Republic of)
2-243	Germany (Federal Republic of)
2-244	Germany (Federal Republic of)
2-245	Germany (Federal Republic of)
2-246	Germany (Federal Republic of)
2-247	Germany (Federal Republic of)
2-248	Germany (Federal Republic of)
2-249	Germany (Federal Republic of)

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-250	Germany (Federal Republic of)
2-251	Germany (Federal Republic of)
2-252	Germany (Federal Republic of)
6-040	Ghana
2-132	Gibraltar
2-004	Greece
2-005	Greece
3-018	Greenland (Denmark)
3-104	Grenada
3-156	Guadeloupe (French Department of)
5-070	Guam
7-008	Guatemala (Republic of)
7-009	Guatemala (Republic of)
6-022	Guinea (Republic of)
6-064	Guinea-Bissau (Republic of)
7-076	Guyana
3-144	Haiti (Republic of)
7-016	Honduras (Republic of)
4-105	Hongkong, China
4-106	Hongkong, China
4-107	Hongkong, China
4-108	Hongkong, China
4-109	Hongkong, China
4-177	Hongkong, China
2-032	Hungary (Republic of)
2-148	Iceland
4-008	India (Republic of)
4-009	India (Republic of)
5-020	Indonesia (Republic of)
5-021	Indonesia (Republic of)
5-022	Indonesia (Republic of)
4-064	Iran (Islamic Republic of)
4-036	Iraq (Republic of)
2-144	Ireland
2-145	Ireland
2-146	Ireland
4-050	Israel (State of)
4-051	Israel (State of)
2-001	Italy
2-003	Italy
2-041	Italy
2-042	Italy
2-043	Italy
2-044	Italy
2-045	Italy
2-046	Italy
2-047	Italy
2-048	Italy
2-049	Italy
2-050	Italy
2-051	Italy
2-093	Italy
2-094	Italy
2-095	Italy
2-157	Italy
2-158	Italy
2-159	Italy
2-181	Italy
2-183	Italy

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-207	Italy
3-076	Jamaica
4-080	Japan
4-081	Japan
4-082	Japan
4-083	Japan
4-085	Japan
4-032	Jordan (Hashemite Kingdom of)
4-033	Jordan (Hashemite Kingdom of)
4-074	Kazakstan (Republic of)
6-078	Kenya (Republic of)
5-100	Kiribati (Republic of)
4-100	Korea (Republic of)
4-101	Korea (Republic of)
4-145	Korea (Republic of)
4-146	Korea (Republic of)
4-147	Korea (Republic of)
4-148	Korea (Republic of)
4-149	Korea (Republic of)
4-150	Korea (Republic of)
4-151	Korea (Republic of)
4-152	Korea (Republic of)
4-153	Korea (Republic of)
4-154	Korea (Republic of)
4-038	Kuwait (State of)
4-078	Kyrgyz Republic
4-079	Kyrgyz Republic
4-114	Lao People's Democratic Republic
2-096	Latvia (Republic of)
4-030	Lebanon
6-102	Lesotho (Kingdom of)
6-036	Liberia (Republic of)
6-012	Libya (Socialist People's Libyan Arab Jamahiriya)
2-000	Liechtenstein (Principality of)
2-236	Lithuania (Republic of)
2-135	Luxembourg
2-140	Luxembourg
2-141	Luxembourg
4-110	Macao, China
6-092	Madagascar (Republic of)
6-100	Malawi
5-004	Malaysia
5-005	Malaysia
5-006	Malaysia
5-007	Malaysia
5-008	Malaysia
4-144	Maldives (Republic of)
6-020	Mali (Republic of)
2-156	Malta
5-105	Marshall Islands (Republic of the)
3-160	Martinique (French Department of)
6-018	Mauritania (Islamic Republic of)
6-034	Mauritius (Republic of)
3-068	Mexico
3-069	Mexico
3-070	Mexico
3-071	Mexico
3-072	Mexico
3-073	Mexico

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
3-074	Mexico
3-075	Mexico
3-172	Mexico
3-173	Mexico
3-174	Mexico
5-107	Micronesia (Federated States of)
2-224	Moldova (Republic of)
2-024	Monaco (Principality of)
4-056	Mongolia
3-108	Montserrat
6-008	Morocco (Kingdom of)
6-086	Mozambique (Republic of)
4-028	Myanmar (Union of)
6-098	Namibia (Republic of)
5-072	Nauru (Republic of)
4-058	Nepal
2-002	Netherlands (Kingdom of the)
2-006	Netherlands (Kingdom of the)
2-007	Netherlands (Kingdom of the)
2-008	Netherlands (Kingdom of the)
2-009	Netherlands (Kingdom of the)
2-010	Netherlands (Kingdom of the)
2-011	Netherlands (Kingdom of the)
2-142	Netherlands (Kingdom of the)
2-198	Netherlands (Kingdom of the)
2-253	Netherlands (Kingdom of the)
3-124	Netherlands Antilles
5-092	New Caledonia (Territoire français d'outre-mer)
5-060	New Zealand
5-063	New Zealand
5-065	New Zealand
5-067	New Zealand
7-020	Nicaragua
6-028	Niger (Republic of the)
6-042	Nigeria (Federal Republic of)
5-090	Niue
5-113	Northern Mariana Islands (Commonwealth of the)
2-084	Norway
2-085	Norway
2-086	Norway
2-087	Norway
4-044	Oman (Sultanate of)
4-020	Pakistan (Islamic Republic of)
5-110	Palau (Republic of)
7-028	Panama (Republic of)
5-074	Papua New Guinea
7-088	Paraguay (Republic of)
7-032	Peru
7-033	Peru
7-034	Peru
7-035	Peru
7-036	Peru
5-030	Philippines (Republic of the)
5-031	Philippines (Republic of the)
5-032	Philippines (Republic of the)
5-033	Philippines (Republic of the)
5-034	Philippines (Republic of the)
5-035	Philippines (Republic of the)
5-036	Philippines (Republic of the)

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-120	Poland (Republic of)
2-134	Poland (Republic of)
2-136	Portugal
2-137	Portugal
2-138	Portugal
2-139	Portugal
3-060	Puerto Rico
4-054	Qatar (State of)
4-175	Reserved
6-094	Reunion (French Department of)
2-052	Romania
2-100	Russian Federation
2-101	Russian Federation
2-102	Russian Federation
2-103	Russian Federation
2-104	Russian Federation
2-105	Russian Federation
2-106	Russian Federation
2-107	Russian Federation
2-108	Russian Federation
2-109	Russian Federation
2-110	Russian Federation
2-111	Russian Federation
2-112	Russian Federation
2-113	Russian Federation
2-114	Russian Federation
2-115	Russian Federation
2-116	Russian Federation
2-117	Russian Federation
2-118	Russian Federation
2-119	Russian Federation
6-070	Rwandese Republic
3-112	Saint Kitts and Nevis
3-116	Saint Lucia
3-016	Saint Pierre and Miquelon (Collectivité territoriale de la République française)
3-120	Saint Vincent and the Grenadines
5-098	Samoa (Independent State of)
2-184	San Marino (Republic of)
6-052	Sao Tome and Principe (Democratic Republic of)
4-040	Saudi Arabia (Kingdom of)
6-016	Senegal (Republic of)
6-066	Seychelles (Republic of)
6-038	Sierra Leone
5-050	Singapore (Republic of)
5-051	Singapore (Republic of)
5-052	Singapore (Republic of)
5-053	Singapore (Republic of)
5-054	Singapore (Republic of)
5-055	Singapore (Republic of)
2-232	Slovak Republic
2-233	Slovak Republic
2-234	Slovak Republic
2-235	Slovak Republic
2-182	Slovenia (Republic of)
5-080	Solomon Islands
6-074	Somali Democratic Republic
6-110	South Africa (Republic of)
2-027	Spain

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-028	Spain
2-029	Spain
2-030	Spain
2-031	Spain
2-237	Spain
2-238	Spain
2-239	Spain
2-240	Spain
2-241	Spain
4-026	Sri Lanka (Democratic Socialist Republic of)
6-068	Sudan (Republic of the)
7-092	Suriname (Republic of)
6-106	Swaziland (Kingdom of)
2-080	Sweden
2-081	Sweden
2-082	Sweden
2-083	Sweden
2-192	Sweden
2-193	Sweden
2-194	Sweden
2-195	Sweden
2-205	Sweden
2-053	Switzerland (Confederation of)
2-054	Switzerland (Confederation of)
2-055	Switzerland (Confederation of)
2-056	Switzerland (Confederation of)
2-057	Switzerland (Confederation of)
2-058	Switzerland (Confederation of)
2-059	Switzerland (Confederation of)
2-061	Switzerland (Confederation of)
2-062	Switzerland (Confederation of)
2-063	Switzerland (Confederation of)
4-034	Syrian Arab Republic
4-170	Taiwan, China
4-171	Taiwan, China
4-172	Taiwan, China
4-173	Taiwan, China
4-174	Taiwan, China
4-157	Tajikistan (Republic of)
6-080	Tanzania (United Republic of)
5-040	Thailand
5-041	Thailand
5-042	Thailand
2-220	The Former Yugoslav Republic of Macedonia
6-030	Togolese Republic
5-078	Tonga (Kingdom of)
3-148	Trinidad and Tobago
6-010	Tunisia
2-171	Turkey
2-172	Turkey
2-173	Turkey
4-160	Turkmenistan
3-152	Turks and Caicos Islands
5-102	Tuvalu
6-082	Uganda (Republic of)
2-214	Ukraine
4-048	United Arab Emirates
4-060	United Arab Emirates
4-062	United Arab Emirates



## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
2-068	United Kingdom of Great Britain and Northern Ireland
2-069	United Kingdom of Great Britain and Northern Ireland
2-070	United Kingdom of Great Britain and Northern Ireland
2-071	United Kingdom of Great Britain and Northern Ireland
2-072	United Kingdom of Great Britain and Northern Ireland
2-073	United Kingdom of Great Britain and Northern Ireland
2-074	United Kingdom of Great Britain and Northern Ireland
2-075	United Kingdom of Great Britain and Northern Ireland
2-147	United Kingdom of Great Britain and Northern Ireland
2-153	United Kingdom of Great Britain and Northern Ireland
2-154	United Kingdom of Great Britain and Northern Ireland
2-155	United Kingdom of Great Britain and Northern Ireland
2-161	United Kingdom of Great Britain and Northern Ireland
2-162	United Kingdom of Great Britain and Northern Ireland
2-163	United Kingdom of Great Britain and Northern Ireland
2-164	United Kingdom of Great Britain and Northern Ireland
2-165	United Kingdom of Great Britain and Northern Ireland
2-166	United Kingdom of Great Britain and Northern Ireland
2-167	United Kingdom of Great Britain and Northern Ireland
2-169	United Kingdom of Great Britain and Northern Ireland
2-170	United Kingdom of Great Britain and Northern Ireland
2-174	United Kingdom of Great Britain and Northern Ireland
2-175	United Kingdom of Great Britain and Northern Ireland
2-176	United Kingdom of Great Britain and Northern Ireland
2-177	United Kingdom of Great Britain and Northern Ireland
2-178	United Kingdom of Great Britain and Northern Ireland
2-179	United Kingdom of Great Britain and Northern Ireland
2-185	United Kingdom of Great Britain and Northern Ireland
2-186	United Kingdom of Great Britain and Northern Ireland
2-187	United Kingdom of Great Britain and Northern Ireland
2-188	United Kingdom of Great Britain and Northern Ireland
2-189	United Kingdom of Great Britain and Northern Ireland
2-190	United Kingdom of Great Britain and Northern Ireland
2-191	United Kingdom of Great Britain and Northern Ireland
2-209	United Kingdom of Great Britain and Northern Ireland
2-210	United Kingdom of Great Britain and Northern Ireland
3-020	United States of America
3-021	United States of America
3-022	United States of America
3-023	United States of America
3-024	United States of America
3-025	United States of America
3-026	United States of America
3-027	United States of America
3-028	United States of America
3-029	United States of America
3-030	United States of America
3-031	United States of America
3-032	United States of America
3-033	United States of America
3-034	United States of America
3-035	United States of America
3-036	United States of America
3-037	United States of America
3-038	United States of America
3-039	United States of America
3-040	United States of America
3-041	United States of America
3-042	United States of America

## List of Signalling Area/Network Codes (SANC) - alphabetical order

<i>Code</i>	<i>Geographical Area or Signalling Network</i>
3-043	United States of America
3-044	United States of America
3-045	United States of America
3-046	United States of America
3-047	United States of America
3-048	United States of America
3-049	United States of America
3-050	United States of America
3-051	United States of America
3-052	United States of America
3-053	United States of America
3-054	United States of America
3-055	United States of America
3-056	United States of America
3-057	United States of America
3-058	United States of America
3-059	United States of America
3-180	United States of America
3-181	United States of America
3-182	United States of America
3-183	United States of America
3-184	United States of America
3-185	United States of America
3-186	United States of America
3-187	United States of America
3-188	United States of America
3-189	United States of America
3-190	United States of America
3-191	United States of America
3-192	United States of America
3-193	United States of America
3-194	United States of America
3-195	United States of America
3-196	United States of America
3-197	United States of America
3-064	United States Virgin Islands
7-096	Uruguay (Eastern Republic of)
4-164	Uzbekistan (Republic of)
5-082	Vanuatu (Republic of)
7-068	Venezuela (Bolivarian Republic of)
7-069	Venezuela (Bolivarian Republic of)
4-104	Viet Nam (Socialist Republic of)
5-086	Wallis and Futuna (Territoire français d'outre-mer)
4-042	Yemen (Republic of)
4-046	Yemen (Republic of)
2-040	Yugoslavia (Federal Republic of)
6-090	Zambia (Republic of)
6-096	Zimbabwe (Republic of)

Number of spare Q.708 Signalling Area Network Codes (SANCs)

Signalling Area Network Codes, numbering range	Number of spare codes
0-000 to 0-255	reserved
1-000 to 1-255	reserved
2-000 to 2-255	13
3-000 to 3-255	149
4-000 to 4-255	179
5-000 to 5-255	195
6-000 to 6-255	201
7-000 to 7-255	220

Percentage of SANCs assigned =  $579/1536 = 37.7\%$

### AMENDMENTS

Amendment No.	Operational Bulletin No.	Country
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