



ITU Operational Bulletin



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contact: **TEL +41 22 730 5217 FAX +41 22 730 5785**

Subjects preceded by the letters (TSB) in the table of Contents are dealt with by the Telecommunication Standardization Bureau (TSB),
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- (TSB) List of Issuer Identifier Numbers for the international telecommunication charge card

GENERAL INFORMATION

Lists annexed to Operational Bulletin

Note from the TSB

The following Lists* have been published by 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) |

* 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 32 of 8 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 G.100: Definitions used in Recommendations on general characteristics of international telephone connections and circuits
- ITU-T Recommendation G.113: Transmission impairments due to speech processing
- ITU-T Recommendation P.833: Methodology for derivation of equipment impairment factors from subjective listening-only tests
- ITU-T Recommendation P.862: Perceptual evaluation of speech quality (PESQ), an objective method for end-to-end speech quality assessment of narrowband telephone networks and speech codecs

The conditions governing the approval of ITU-T Recommendations were met and 12 Member States participating in the last meeting of Study Group 12 approved the text of these Recommendations during its Plenary session held on 23 February 2001.

A.2 By TSB Circular 34 of 13 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 J.67: Test signals and measurement techniques for transmission circuits carrying MAC/packet signals
- Amendment 1 to ITU-T Recommendation J.84: Additions to Annex C – Digital multi-programme SMATV system C
- ITU-T Recommendation J.87: Use of hybrid cable television links for the secondary distribution of television into the user's premises
- Amendment 2 to ITU-T Recommendation J.94: Additions to Annex C – Service information for digital multi-programme System C
- ITU-T Recommendation J.96: Technical method for ensuring privacy in long distance international MPEG-2 television transmission conforming to ITU-T Recommendation J.89
- Amendment 1 to ITU-T Recommendation J.112: Annexes A and B
- ITU-T Recommendation J.144: Objective perceptual video quality measurement techniques for digital cable television in the presence of a full reference
- ITU-T Recommendation J.145: Measurement and control of the quality of service for sound transmission over contribution and distribution networks
- Amendment 2 to ITU-T Recommendation J.150: Operational functionalities for the delivery of digital multiprogramme television, sound and data services through multichannel, multipoint distribution systems (MMDS)
- ITU-T Recommendation J.161: Audio codec requirements for the provision of bidirectional audio service over cable television networks using cable modems
- ITU-T Recommendation J.162: Network call signalling protocol for the delivery of time critical services over cable television networks using cable modems (COM 9-8)
- ITU-T Recommendation J.163: Dynamic quality of service for the provision of real time services over cable television networks using cable modems
- ITU-T Recommendation J.164: IPCablecom event messages
- ITU-T Recommendation J.166: IPCablecom Management Information Base (MIB) framework
- ITU-T Recommendation J.167: Media Terminal Adapter (MTA) device provisioning requirements for the delivery of real time services over cable television networks using cable modems

- ITU-T Recommendation J.168: IP-Cablecom Media Terminal Adapter (MTA) MIB requirements
- ITU-T Recommendation J.169: IP-Cablecom network call signalling (NCS) MIB requirements
- ITU-T Recommendation J.181: Digital Program Insertion cueing message for cable television systems
- ITU-T Recommendation J.182: Parameter sets for analogue interface specifications for the interconnection of set-top-boxes and presentation devices in home
- ITU-T Recommendation J.183: Time division multiplexing of multiple MPEG-2 transport streams over cable television systems
- ITU-T Recommendation J.184: Digital broadband delivery system: Out of band transport
- ITU-T Recommendation J.200: Worldwide common core, application environment for digital interactive television services

The conditions governing the approval of ITU-T Recommendations were met and eight Member States participating in the last meeting of Study Group 9 approved the text of these Recommendations during its Plenary session held on 9 March 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 the Netherlands, 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>
Netherlands (Kingdom of the)	2-143

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

Legal time change

Iran (Islamic Republic of)

Communication of 11.IV.2001:

Legal time in the Islamic Republic of Iran has been advanced by 60 minutes from 21 March 2001 at 2130 hours UTC (0100 hours, local time, 22 March 2001) to 22 September 2001 and thereby will correspond to UTC +4½.

Telegram Service

Austria

Communication of 6.IV.2001:

Suspension of telegrams POSTFIN

Post AG, Wien, announces that as from 31 May 2001, postal financial telegrams, with the special service indication POSTFIN (ITU-T Recommendation F.1, A10, A234-A240), will no longer be accepted from or to Austria.

Sweden

Communication of 29.III.2001:

Change in working hours

Telia AB, Stockholm, announces that as from 1 May 2001, working hours for the international telegram service in Sweden will be Monday to Friday 0700 hours to 2000 hours UTC (summer-time: 0600 hours to 1900 hours UTC), Saturday, Sundays including public holidays 0800 hours to 1600 hours UTC (summer-time: 0700 hours to 1500 hours UTC).

During the unmanned periods, the incoming telegrams destined for Sweden will be stored in the system and processed the next morning. Delivery by telephone, facsimile or telex will be effected immediately during the working periods for telegram bearing the service indication Tfx (Telephone delivery), FAXx (Facsimile delivery) or TLXx (Telex delivery).

Telegrams addressed to a registered address will be delivered by agreement with the owner of the address. All other telegrams will be delivered by ordinary mail.

Transit telegrams are automatically forwarded day and night by the system, if ITU-T Recommendation F.31 format is used.

For further information, please contact:

TELIA NARA AB, Telegram
SE-131 86 NACKA STRAND
Sweden
Tel: +46 8 6017991
Fax: +46 8 4110020
E-mail: telia-telegram@telia.se

Telephone Service

Barbados

Communication of 21.III.2001:

Cable & Wireless BET Ltd, Bridgetown, announces that the following cellular numbering ranges should be immediately blocked from terminating calls into Barbados by all international providers, exchanges and networks:

+1 246 235 XXXX and +1 246 236 XXXX

- Barbados is in the World Zone 1 area (country code +1) and the Numbering Plan Area (NPA) is 246. Differentiation is made by the applicable trunk codes within the NPA 246.
- The trunk codes (NXX) for Barbados are as follows: 220-239 inclusive, 292, 367, 417-439 inclusive, 444, 467, 555, 736, 737, 753 and 936.
- The trunk codes (NXX) 230-236 are allocated to mobile radiocommunication services.

- All foreign NPA (FNPA) direct dialled calls will be dialled with a prefix "1" and ten digits, i.e., 1 FNPA NXX XXXX ("1" and ten digits).
- Operator assisted calls including credit card, collect and third party calls, will be dialled with a prefix "0" and ten digits, i.e. 0 NPA NXX XXXX ("0" and ten digits).

Contacts:

Mr Peter Alleyne
 Assistant Manager – Network Management Centre
 Cable & Wireless BET Limited
 P.O. Box 32
 BRIDGETOWN
 Barbados
 Tel: +1 246 292 6080
 Fax: +1 246 420 0160

Mr Fred Clairmonte
 Assistant Manager – International Switching
 Cable & Wireless BET Limited
 P.O. Box 32
 BRIDGETOWN
 Barbados
 Tel: +1 246 292 6059
 Fax: +1 246 420 0710

Cameroon

Communication of 26.III.2001:*

The *Agence de Régulation des Télécommunications*, Yaoundé, announces that the new numbers beginning with P = 5, 6 and 8 have been assigned to the mobile network of Cameroon (country code +237).

International dialling format: +237 PXX XXX

Contact:

Agence de Régulation des Télécommunications (ART)
 Département des Affaires juridiques et de la
 Coopération internationale
 B.P. 6132
 YAOUNDÉ
 République du Cameroun
 Tel: +237 230 380
 Fax: +237 233 748

* See Operational Bulletin No. 716 of 15.V.2000, page 7.

Ireland

Communication of 21.III.2001:

The *Office of the Director of Telecommunications Regulation (ODTR)*, Dublin, announces that a new numbering scheme for mobile mailbox access services has been implemented in Ireland (country code +353) and gives rise to changes in number lengths.

Mobile telephony mailbox numbers in Ireland have changed from nine (9) digits to ten (10) digits as from June 2000. The number length of mobile subscriber numbers remains unchanged at nine (9) digits.

<i>Operator/Service</i>	<i>Number Format</i>	
Meteor/GSM-Subscribers Meteor/GSM-Mailboxes	85 AXX XXXX 85 BXXX XXXX	A = 0,1,2,3,4,6,7,8,9 B = 5
Esat Digifone/GSM-Subscribers Esat Digifone/GSM-Mailboxes	86 AXX XXXX 86 BXXX XXXX	A = 0,1,2,3,4,6,7,8,9 B = 5
Eircell/GSM-Subscribers Eircell/GSM-Mailboxes	87 AXX XXXX 87 BXXX XXXX	A = 0,1,2,3,4,6,7,8,9 B = 5
Eircell/TACS-Subscribers	88 XXX XXXX	

For example, an international caller dials +353 87 012 3456 to call an Eircell GSM Subscriber and dials +353 87 5012 3456 to call that subscriber's mailbox.

Contact:

Mr Brian Deely
Office of the Director of Telecommunications Regulation
Blocks D, E & F, Abbey Court
Irish Life Centre
Lower Abbey Street
DUBLIN 1
Ireland
Tel: +353 1 804 9600
Fax: +353 1 804 9665
E-mail: deelyb@odtr.ie

Israel

Communication of 15.III.2001:

The *Ministry of Communications (MOC)*, Tel Aviv, announces that it has assigned new access codes 56 and 57 for mobile telephone operators in Israel (country code +972).

Assigned access codes for mobile operators in Israel are as follows:

<i>Operator</i>	<i>Subscriber number</i>
Pelephone Communications Ltd	50 XXXXXX 51 XXXXXX 56 XXXXXX
Mirs Communications Ltd	57 XXXXXX
Cellcom Israel Ltd	52 XXXXXX 53 XXXXXX 58 XXXXXX
Partner Communications Ltd	54 XXXXXX 55 XXXXXX

Access codes 56 and 57, previously used for Premium Services, were cancelled on 1 June 2000.

Zambia

Communication of 2.IV.2001:

The *Zambia Telecommunication Company Ltd (ZAMTEL)*, Ndola, announces that the following telephone numbers have been implemented in the Zambia Network for the Internet service of Zambia (country code +260):

<i>Locality</i>	<i>Area code</i>	<i>Internet service number</i>
Lusaka	1	201 XXX
Ndola	2	601 XXX
Kitwe	3	201 XXX

Administrations and recognized operating agencies (ROAs) are requested to ensure that the new numbers are programmed in their international gateway switches.

Contact:

Mrs Agnes Chitula
Manager, International Services
Zambia Telecommunication Company Ltd (ZAMTEL)
Provident House
P.O. Box 71630
NDOLA
Zambia
Tel: +260 2 617499
Fax: +260 2 619243
E-mail: mngeris@zamtel.zm

Changes in Administrations/ROAs and other entities or Organizations

India

Communication of 26.III.2001:

Granting of recognized operating agency (ROA) status

The *Ministry of Communications*, New Delhi, announces that the following new international telecommunication operator and service provider 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 name of the new operator/service provider to which the status of recognized operating agency (ROA) has been granted, is Bharat Sanchar Nigam Limited (BSNL).

For further information, please contact:

Ministry of Communications
Wireless Planning and Coordination Wing
347, Dak Bhavan, Parliament Street
110001 NEW DELHI
India
Tel: +91 11 3755420
Fax: +91 11 3716111
E-mail: ragarwal@vsnl.com

Italy

Communication of 26.III.2001:

Granting of recognized operating agency (ROA) status

The *Ministerio delle Comunicazioni*, Rome, announces that the following new international telecommunication operator and service provider 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 name of the new operator/service provider to which the status of recognized operating agency (ROA) has been granted, is EdisonTel S.p.A.

For further information, please contact:

Ministerio delle Comunicazioni
Segretariato Generale - Relazioni Internazionali
Ufficio IV
Viale America 201
00144 ROMA
Italia
Tel: +39 06 5444 2413
Fax: +39 06 5422 1004
E-mail: uricom@tin.it

Tonga

Communication of 9.III.2001:

Transfer of responsibility

The *Prime Minister's Office*, Nuku'Alofa, announces that, in reference to His Majesty's Cabinet Decision No. 17 of 1 January 2001, all regulatory functions used to be carried out by the then Tonga Telecommunication Commission are now vested with the Telecommunication & Satellite Unit of the Prime Minister's Office effected as from 5 February 2001, the day on which the Tonga Communication Corporation came into being, bringing together to it the domestic and international telecommunication services.

Such regulatory functions include frequency spectrum allocation, radio communications licencing, and any other matter related to radiocommunication.

This is only an interim measure until July 2001, when the Department of Communications will be established.

The Telecommunications & Satellite Unit of the Prime Minister's Office at the interim is responsible for all communication matters in the Kingdom of Tonga.

For further information, please contact:

Mr Viliami U. LATU
Prime Minister's Office
P.O. Box 62
NUKU'ALOFA
Tonga
Tel. +676 24644
Fax. +676 23888
E-mail pmo7@kalianet.to

Service Restrictions

Note from the TSB

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

<i>OB No.</i>	
692	Canada (p. 4), Morocco (p. 8), Tonga (p. 5).
694	Fiji (p. 5), Morocco (p. 9/10).
697	Finland (p. 5/6).
698	Angola (p. 18).
699	United Arab Emirates (p. 6), Malawi (p. 6), 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).
709	Uruguay (p. 8).
710	Germany (p. 19), New Caledonia (p. 19).

<i>OB No.</i>	
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

ADD	insert	PAR	paragraph
COL	column	REP	replace
LIR	read	SUP	delete
P	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

REP

- CY05** Stlink (Maritime Services) Ltd., P.O. Box 1449, CY-3505 Limassol, Cyprus.
(Tel: +357 5 576037, Tlx: 5917 toto cy, Fax: +357 5 570868,
E-mail: satlink@tototheo.com.cy, Contact Person: Totos Theodossiou).
- DK01** Tele Danmark Erhverv, Customer Support, International, Lautruphoej 10,
DK-2750 Ballerup, Denmark.
(Tel: +45 80802603, Fax: +45 44649341, E-mail: tdkosat@tdk.dk,
Contact Person: Anna-Grete Nielsen).
(For Inmarsat invoices)

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

P 123 NOR REP
(Supplement No. 3)

NOR

- | | | | | |
|----|------|------|------|------|
| a) | BE02 | DK01 | DP05 | GB01 |
| | GB05 | GB06 | GB08 | NO01 |
| b) | NO01 | | | |

**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. 3)

	Country/ geographical area ISPC	Unique name of the signalling point	Name of the signalling point operator
P 5	<i>Australia</i>	ADD	
	5-116-0	L4TN	One.Tel Ltd
	5-116-1		TransACT Communications Pty Limited
P 36	<i>United Arab Emirates</i>	ADD	
	4-060-1	Abu Dhabi/AIS (standalone STP)	Emirates Telecommunications Corporation (Etisalat)
	4-060-2	Abu Dhabi/ASI	Emirates Telecommunications Corporation (Etisalat)
	4-060-3	Sharjah/WSI	Emirates Telecommunications Corporation (Etisalat)
	4-062-1	Dubai/DIS (standalone STP)	Emirates Telecommunications Corporation (Etisalat)
	4-062-2	Dubai/DSI	Emirates Telecommunications Corporation (Etisalat)
	4-062-3	Sharjah/WCI	Emirates Telecommunications Corporation (Etisalat)
	4-062-6	Sharjah/PGW	Thuraya Satellite Network
P 19	<i>Ireland</i>	ADD	
	2-146-3	Flemings Place	Interoute
	2-146-4	Tallaght	Cable & Wireless
P 26	<i>Netherlands</i>	ADD	
	2-002-7	Rotterdam Rt2 SCP 3	KPN Telecom, International Network Services
P 31	<i>Singapore</i>	ADD	
	5-053-6	GlobalOne – Chai Chee	GlobalOne (Singapore)

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 April 2001)**

(Annex to ITU Operational Bulletin No. 737 – 1.IV.2001)

(Amendment No. 1)

Numerical order ADD

P 5 2-143 Netherlands (Kingdom of the)

Alphabetical order ADD

P 18 2-143 Netherlands (Kingdom of the)

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

**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. 6)

P 26 ADD Rwanda

Country/ geographical area	Company Name/Address	Issuer Identifier Number	Contact	Effective date of usage
Rwanda	MTN Rwandacell Telecom House Blvd de l'Umuganda KIGALI	89 250 00	Mr John Mirenge P.O. Box 264 KIGALI Tel: +250 0831 2228 Fax: +250 586 858 E-mail: johnm@rwcell.com	1.IV.2001

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

P 51 Rwanda **ADD**

Country/geographical area	Approving Organisation
Rwanda	S.E. M. Jean de Dieu Ntiruhungwa Ministre des Travaux Publics, Transports et Communications Ministère des Travaux Publics, des Transports et Communications P.O. Box 24 KIGALI Tel: +250 86573 Fax: +250 85755

