



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

E.169.1

(09/2001)

SERIES E: OVERALL NETWORK OPERATION,
TELEPHONE SERVICE, SERVICE OPERATION AND
HUMAN FACTORS

International operation – Numbering plan of the
international telephone service

**Application of Recommendation E.164
numbering plan for universal international
freephone numbers for international
freephone service**

ITU-T Recommendation E.169.1

ITU-T E-SERIES RECOMMENDATIONS

OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS

INTERNATIONAL OPERATION	
Definitions	E.100–E.103
General provisions concerning Administrations	E.104–E.119
General provisions concerning users	E.120–E.139
Operation of international telephone services	E.140–E.159
Numbering plan of the international telephone service	E.160–E.169
International routing plan	E.170–E.179
Tones in national signalling systems	E.180–E.189
Numbering plan of the international telephone service	E.190–E.199
Maritime mobile service and public land mobile service	E.200–E.229
OPERATIONAL PROVISIONS RELATING TO CHARGING AND ACCOUNTING IN THE INTERNATIONAL TELEPHONE SERVICE	
Charging in the international telephone service	E.230–E.249
Measuring and recording call durations for accounting purposes	E.260–E.269
UTILIZATION OF THE INTERNATIONAL TELEPHONE NETWORK FOR NON-TELEPHONY APPLICATIONS	
General	E.300–E.319
Phototelegraphy	E.320–E.329
ISDN PROVISIONS CONCERNING USERS	E.330–E.349
INTERNATIONAL ROUTING PLAN	E.350–E.399
NETWORK MANAGEMENT	
International service statistics	E.400–E.409
International network management	E.410–E.419
Checking the quality of the international telephone service	E.420–E.489
TRAFFIC ENGINEERING	
Measurement and recording of traffic	E.490–E.505
Forecasting of traffic	E.506–E.509
Determination of the number of circuits in manual operation	E.510–E.519
Determination of the number of circuits in automatic and semi-automatic operation	E.520–E.539
Grade of service	E.540–E.599
Definitions	E.600–E.649
Traffic engineering for IP-networks	E.650–E.699
ISDN traffic engineering	E.700–E.749
Mobile network traffic engineering	E.750–E.799
QUALITY OF TELECOMMUNICATION SERVICES: CONCEPTS, MODELS, OBJECTIVES AND DEPENDABILITY PLANNING	
Terms and definitions related to the quality of telecommunication services	E.800–E.809
Models for telecommunication services	E.810–E.844
Objectives for quality of service and related concepts of telecommunication services	E.845–E.859
Use of quality of service objectives for planning of telecommunication networks	E.860–E.879
Field data collection and evaluation on the performance of equipment, networks and services	E.880–E.899

For further details, please refer to the list of ITU-T Recommendations.

ITU-T Recommendation E.169.1

Application of Recommendation E.164 numbering plan for universal international freephone numbers for international freephone service

Summary

This Recommendation details the application of the ITU-T Rec. E.164 Numbering Plan for the Universal International Freephone Numbers (UIFN) in the provisioning of International Freephone Service (IFS) as defined in ITU-Rec. E.152. It has been amended and refined in the light of experience gained by service providers and the UIFN Registrar since the inauguration of the UIFN in early 1997.

This Recommendation was previously numbered E.169. It has now been renumbered as E.169.1, and forms part of the 169.x-series Recommendations describing the numbering plans and assignment procedures for various international services.

Source

ITU-T Recommendation E.169.1 was revised by ITU-T Study Group 2 (2001-2004) and approved under the WTSA Resolution 1 procedure on 14 September 2001.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

INTELLECTUAL PROPERTY RIGHTS

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

© ITU 2002

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from ITU.

CONTENTS

	Page
1 Scope.....	1
2 References.....	1
3 Definitions	1
4 Abbreviations.....	2
5 UIFN principles and format.....	2
5.1 UIFN principles	2
5.2 UIFN format	3
6 Number assignment principles.....	3
7 Applicant procedures	4
8 Registrar procedures	4
9 Change request procedures	4
10 Registrar start-up and duplicate request procedures	4
11 Preparation of Universal International Freephone Number Request Form	4
12 Preparation of Universal International Freephone Number Status Notification Form.....	4
13 Preparation of UIFN Multiple ROAs Notification Form.....	4
14 Recommendation history	4
Annex A – Applicant procedures.....	5
Annex B – Registrar procedures	6
Annex C – Change request procedures	8
C.1 Change request procedures	8
C.1.1 Multiple ROAs Documentation procedures	8
C.1.2 Applicant Change procedures.....	8
C.1.3 Change of Applicant.....	8
Annex D – Registrar Start-Up And Duplicate Request Procedures.....	8
D.1 Registrar procedures	8
D.1.1 Start-up phase	9
D.1.2 Ongoing phase	9
D.2 Duplicate Requests procedures.....	9
D.2.1 Duplicate Requests	9
D.2.2 Specific procedures.....	10

	Page
Annex E – Preparation of Universal International Freephone Number Request Form	11
E.1 Preparation of Universal International Freephone Number Request Form – Part A..	11
E.2 Preparation of Universal International Freephone Number Request Form – Part B..	12
Annex F – Preparation of Universal International Freephone Number Status Notification Form.....	14
F.1 Preparation of Universal International Freephone Number Status Notification Form –Part A	14
F.2 Preparation of Universal International Freephone Number Status Notification Form – Part B.....	14
Annex G – Preparation of Uifn Multiple Roas Notification Form	16
G.1 Preparation of UIFN Multiple ROAs Notification Form – Part A	16
G.2 Preparation of UIPRN Multiple ROAs Notification Form – Part B.....	16
Appendix I – Applicant procedure.....	18
Appendix II – Registrar procedure.....	19
Appendix III – Duplicate request procedure.....	20

ITU-T Recommendation E.169.1

Application of Recommendation E.164 numbering plan for universal international freephone numbers for international freephone service

1 Scope

This Recommendation details the application of the ITU-T Rec. E.164 Numbering Plan for Universal International Freephone Numbers (UIFN) in the provisioning of International Freephone Service (IFS) as defined in ITU-T Rec. E.152. The assignment of numbering resources to applicants under E.169.1 is the function/responsibility of the centralized ITU Numbering Administration Group (ITU-NAG) within the ITU-T TSB.

2 References

The following ITU-T Recommendations and other references contain provisions, which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; all users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

- ITU-T Recommendation E.152 (2001), *International freephone service*.
- ITU-T Recommendation E.164 (1997), *The international public telecommunication numbering plan*.
- ITU-T Recommendation E.164.1 (1998), *Criteria and procedures for the reservation, assignment and reclamation of E.164 country codes and associated Identification Codes (ICs)*.
- ITU-T Recommendation E.190 (1997), *Principles and responsibilities for the management, assignment and reclamation of E-series international numbering resources*.
- ITU-T Recommendation E.195 (2000), *ITU-T international numbering resource administration*.

3 Definitions

This Recommendation defines the following terms:

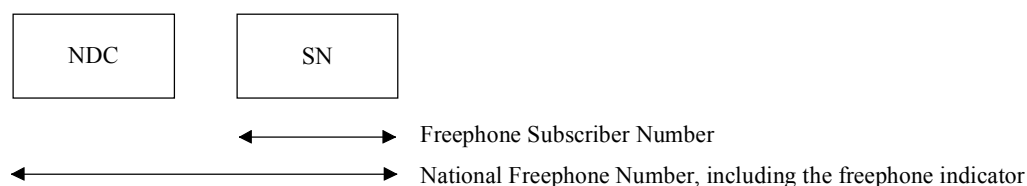
3.1 ageing period: A nominal six-month period of time when a previously assigned UIFN remains idle before being reassigned. A UIFN may be reassigned after it has been aged for 3 months, if requested by an Applicant.

3.2 applicant¹: The service provider, an ROA, as defined in the Annex of the ITU Constitution (Geneva, 1992) that submits an application for a Global Subscriber Number (GSN) of the UIFN on behalf of the IFS customer in accordance with this Recommendation and with ITU-T Rec. E.152.

3.3 Freephone Subscriber Number (FSN): Freephone subscriber number is the subscriber number portion of the national E.164 freephone number as shown in Figure 1. The subscriber

¹ National Administrations may, as a national matter, choose to co-ordinate applications from their ROAs, or to be the Applicant on behalf of their ROAs.

number length is in accordance with the national number plan and does not include prefixes, suffixes, access codes, or any additional digits used in promoting the number. This is the entire and only portion of a national freephone number that qualifies for priority when embedded in a UIFN.



NOTE – The freephone indicator may be a prefix, according to national agreements.

T0207400-02

Figure 1/E.169.1

3.4 IFS caller: The person who places a call to a UIFN.

3.5 IFS service provider: The ROA, which provides the IFS.

3.6 number embedding: A method by which an IFS customer's existing national FSN is integrated as part of the GSN portion of the new UIFN.

3.7 registrar: The entity responsible for processing registration requests, and assignment of the GSN portion of the UIFN in accordance with this Recommendation and with ITU-T Rec. E.152.

3.8 IFS customer: The individual or entity that obtains a UIFN from an IFS service provider.

3.9 universal international freephone number: The Universal International Freephone Number (UIFN) enables an IFS customer to be allocated a unique freephone number(s) that is the same throughout the world. A UIFN is composed of a 3-digit CC for a global service application, 800 and an 8-digit GSN.

4 Abbreviations

This Recommendation uses the following abbreviations:

CC	Country Code
FSN	Freephone Subscriber Number
GSN	Global Subscriber Number
IFS	International Freephone Service
NDC	National Destination Code
ROA	Recognized Operating Agency
SN	Subscriber Number
TSB	Telecommunication Standardization Bureau
UIFN	Universal International Freephone Number

5 UIFN principles and format

5.1 UIFN principles

The following principles were used in the development of the UIFN format and assignment procedures, and should be considered with the use of UIFNs.

5.1.1 To ensure full IFS customer flexibility, the UIFN should be portable, giving the IFS customers the ability to retain their assigned UIFNs and change their service providers. The GSN portion of the UIFN does not contain any identification of country (origin or destination), administrative code or service provider code.

5.1.2 The structure of UIFN should offer IFS customers freedom in choosing the digits to form a particular UIFN that suits their purposes.

5.1.3 The format of the UIFN should facilitate proper and efficient routing of individual calls by service providers.

5.1.4 To ensure fair and unbiased treatment of all UIFNs related activities among nations, IFS service providers and IFS customers.

5.2 UIFN format

A UIFN is composed of a 3-digit CC for a global service application, 800 and an 8-digit Global Subscriber Number (GSN), resulting in an 11-digit fixed format² (see Figure 2):

As an example, an IFS customer's UIFN could be 800 12345678, where 12345678 is the IFS customer's GSN.

An IFS caller must dial an international prefix prior to the UIFN.

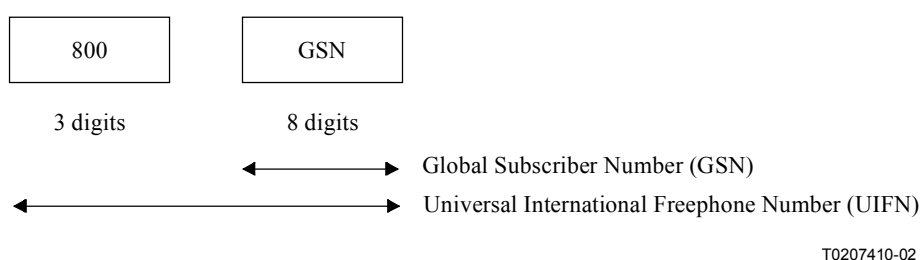


Figure 2/E.169.1

6 Number assignment principles

6.1 All assigned UIFNs must be used in conformance with this Recommendation.

6.2 Applications for UIFNs will only be considered when a valid [see c) and d) below], and complete UIFN Request Form has been received from an eligible Applicant by the Registrar.

6.3 UIFNs will be assigned to IFS customers who will use the IFS service between two or more countries, i.e. IFS customers offering a service that is only accessed from within a single national, or integrated numbering plan, will not be considered eligible.

6.4 UIFNs can only be assigned to IFS customers committed to implement the UIFN within 180 days of the date of reservation.

6.5 UIFNs may not be sold, licensed, or traded. Nor may they be transferred, except in the case of a merger, acquisition or joint venture. Any such transfer shall be notified to the Registrar.

² The network operator should be aware that more than eleven digits may be dialled for commercial reasons. These calls should not be blocked for that reason.

6.6 The assignment of a UIFN by the Registrar does not create an ownership interest, right or claim to the UIFN on the part of the IFS customer or IFS service provider. Its use shall be subject to the terms set forth herein.

6.7 UIFNs are classified as reserved until the Applicant notifies the Registrar that the UIFN is implemented (180 days maximum).

6.8 The UIFN shall be unique to an IFS customer.

6.9 Any violation of these principles by the IFS customer or IFS service provider of a UIFN will result in the Registrar reclaiming the assigned number.

7 Applicant procedures

The procedures, which the Applicant is to follow, are contained in Annex A.

8 Registrar procedures

The procedures, which the Registrar is to follow, are contained in Annex B.

9 Change request procedures

The procedures which the Registrar, the Applicant, and ROAs are to follow in order for the Registrar to maintain correct customer and ROA information in the UIFN database are contained in Annex C.

10 Registrar start-up and duplicate request procedures

The Registrar Start-up procedures and Duplicate Request procedures used in initiating this service are included in Annex D.

11 Preparation of Universal International Freephone Number Request Form

The procedure for preparation of the Universal International Freephone Number Request Form is included in Annex E.

12 Preparation of Universal International Freephone Number Status Notification Form

The procedure for preparation of the Universal International Freephone Number Status Notification Form is included in Annex F.

13 Preparation of UIFN Multiple ROAs Notification Form

The procedure for preparation of the UIFN Multiple ROAs Notification Form is included in Annex G.

14 Recommendation history

First published in 1996 as E.169.

Revised February 1998 as E.169.

Revised September 2001 as E.169.1

Annex A

Applicant procedures

The Applicant has the responsibility for the following:

- a) the processing of all applications received on behalf of their IFS customers. The Applicant is the sole interface with the IFS customer.
- b) the submission of valid requests for a UIFN in accordance with this Recommendation, using the particular UIFN format as described in clause 5. Invalid requests will be returned by the Registrar.
- c) the sending of the UIFN request form, Part A, on behalf of the IFS customer, by facsimile to the Registrar. The Applicant submits only one form per number request, but allows an IFS customer to list acceptable alternative numbers. However, the IFS customer may have no preference for a specific number, in this case, any number may be assigned from the available unassigned numbers. In order to indicate to the Registrar that the Applicant has no preference for a specific number, the Applicant is to place an asterisk "*" instead of a number on the Request Form. The UIFN Request Form should be accompanied by evidence of payment of the registration application fee for the reservation and assignment of the UIFN by the Registrar. The ITU will notify Administrations of the amount of the registration application fee in the current Operational Bulletin of the ITU.

A registration application fee can be paid by each Applicant based on the number of projected applications expected. The Registrar debits each Applicant's account for each UIFN Request Form received and requests additional funds for the account when the balance approaches depletion. The advance payment can be made:

- by bank transfer to ITU Account No. C8-108.400.1, UBS SA, Geneva (Switzerland);
- major credit card.

- d) ensuring that all requested UIFNs are numeric; alpha characters will NOT be accepted.
- e) specifying up to 10 UIFNs, which are acceptable to their IFS customer in order of priority, to limit interaction with the Registrar if their early choices are unavailable.
- f) consulting with the IFS customer for additional choices if the UIFNs are either assigned, reserved, in six-month ageing period, or pending conflict resolution.
- g) accepting the UIFN Request Form, Part B, as the UIFN reservation confirmation from the Registrar, and then notifying the IFS customer.
- h) ensuring that the UIFN is implemented within 180 days and notify the Registrar via the UIFN Status Notification Form, Part A.
- i) upon advice from the Registrar of non-conforming use with this Recommendation, the Applicant will be afforded 90 days to either bring the UIFN into conformance or explain why the current use is conforming. If conformance is not achieved by 90 days, the UIFN will be reclaimed by the Registrar. The UIFN will immediately be disconnected and enter the ageing period. The IFS service provider(s) will withdraw the IFS customer's service.
- j) notifying the Registrar of changes in information associated with UIFNs, e.g. change of name, address, using the UIFN Request Form, Part A.
- k) notifying the Registrar via the UIFN Request Form, Part A, of a disconnection of a UIFN.
- l) receiving advice from the Registrar of confirmation of number assignment via the UIFN, Status Notification Form, Part B, as confirmation of number assignment, and forwarding a copy of this form to their IFS customer.

Annex B

Registrar procedures

The function of the Registrar will be performed under the auspices of the ITU. The Registrar has the responsibility for the processing, and associated administrative functions, of registration requests from Applicants. The processing of registration requests will be performed in close co-operation and consultation with national Administrations, as required by national Administrations. This Recommendation does not include the legal responsibilities of the Registrar. The Registrar will:

- a) assign all UIFNs in a fair and unbiased manner.
- b) validate the request for a UIFN in accordance with this Recommendation, and the particular UIFN format as described in clause 5. The Registrar shall return request to the Applicant if the application is not valid.
- c) administer a single pool of UIFNs in a single database. The database requirements include:
 - an entry for each UIFN;
 - the IFS customer name;
 - the Applicant;
 - the status of the UIFN (available, reserved, ageing with maturity date);
 - historical information;
 - allowing for administering change information;
 - allow for an online view-only capability of number status to Applicants;
 - the information necessary to conduct a security investigation, from the UIFN records contained in the registrar's database, to Administrations (details to be determined by each affected Administration and the ITU-T TSB). This information will be substantiated as being security-based by the agency authorized by the Administration to request the information, and will be provided by the registrar in a timely and appropriate manner, e.g. as soon as possible, but not later than two days from receipt of the request by the TSB by facsimile or by electronic means.
- d) receive all application requests by the Applicant on behalf of the IFS customer by facsimile with a UIFN Request Form, Part A. Inclusive payment of the registration application fee.
- e) reserve UIFNs on a "first come first served" basis. This means that the UIFN application forms received via facsimile by the Registrar will be processed in order of receipt, based on the local time stamp of the Registrar's facsimile.
- f) register all applications when received, with details of the time and date, using the standard time of the Registrar.
- g) determine whether the requested UIFN is available for assignment. If the UIFN requested is unavailable for assignment, the Registrar will see if an alternate UIFN was specified; if not, the Registrar will return the application request to the Applicant to allow another choice.
- h) accept no verbal requests or inquiries, for available UIFNs.
- i) accept only one IFS customer per UIFN Request Form.
- j) respond with a reservation to the Applicant, within 2 working days of receipt of request, via facsimile, with a UIFN Request Form, Part B, to acknowledge the reservation confirmation. Where a request for a specific number is refused or delayed, the Applicant should be

informed of the reason, e.g. assigned, reserved, in six-month ageing period, or pending conflict resolution.

- k) accept confirmation of service implementation via the UIFN Status Notification Form, Part A, from the Applicant.
- l) if the UIFN Status Notification Form, Part A, is not received within 180 days, the UIFN is no longer reserved. However, a reasonable extension beyond the 180 days is authorized, at the Registrar's discretion, for compelling reasons, e.g. a service provider inability to complete interconnection with a network operator involved in the IFS service. A reserved UIFN that has not been activated will immediately go back into the pool of numbers available for assignment and no ageing period is required.
- m) respond to confirmation of service implementation via the UIFN Status Notification Form, Part B, and assign the UIFN accordingly.
- n) update the UIFN database.
- o) provide information to Applicants on the application process.
- p) upon recognising a non-conforming use, will inform the Applicant of the alleged misuse. The Applicant will be afforded 90 days to either bring the UIFN into conformance or to explain why the current use is conforming. If conformance is not achieved by 90 days, the UIFN will be reclaimed by the Registrar. The UIPRN will immediately enter the ageing period. The Registrar will also immediately reclaim a UIPRN upon the request of all the Administrations of the countries in which the service is provided when the request is the result of a security investigation.
- q) accept notice of disconnection from the Applicant via the UIFN Request Form, Part A. The UIFN will be placed in the ageing period on the date the Registrar receives the notification of disconnect.
- r) when an existing UIFN is completely disconnected, the UIFN can be assigned to another IFS customer normally after a six-month ageing period. If, however, an applicant requests the assignment of a UIFN which is in the ageing period, then the UIFN may be assigned if it has been in ageing for at least 3 months.
- s) send confirmation of the disconnection of the UIFN to the Applicant, via the UIFN Status Notification Form, Part B.
- t) accept changes of information associated with UIFNs (e.g. change of name, address), via the UIFN Request Form, Part A and UIFN Multiple ROA Notification Form (see Annex G).
- u) periodically confirm that assigned UIFNs are in use and exercise authority to take appropriate action regarding inactive UIFNs.
- v) monitor and audit the status of the UIFN resource and produce reports to the appropriate Study Group, which shall include actual quantity of numbers assigned and growth statistics associated with those assignments.
- w) publish a list of assigned numbers using an agreed method.
- x) if a UIFN is inadvertently assigned to multiple IFS customers, the Applicant with the earliest dated application will be the Applicant of record.

Annex C

Change request procedures

C.1 Change request procedures

This annex details the procedures which the Registrar, the Applicant, and ROAs are to follow in order for the Registrar to maintain correct customer and ROA information in the UIFN database.

C.1.1 Multiple ROAs Documentation procedures

- a) The Registrar will maintain within their UIFN database multiple ROAs associated with a single UIFN.
- b) The Applicant and/or the Additional ROAs will provide information on the addition or deletion of ROAs to the Registrar via the UIFN Multiple ROAs Notification Form (see Annex G).

C.1.2 Applicant Change procedures

- a) If the Registrar receives a Disconnect Request from an Applicant and there are other ROAs within the Registrar's database associated with that particular UIFN, then the Registrar will default assign a new Applicant to that UIFN, unless otherwise requested by the IFS customer. The default Applicant will be initially selected by the Registrar based on the earliest registered Additional ROA.
- b) The default Applicant shall notify the Registrar if he accepts the assignment of the Applicant for that particular UIFN. If one of the other ROAs is the customer's choice as its Applicant, then that other ROA shall notify the Registrar with proof of change from that customer.
- c) If all the other ROAs associated with that UIFN respond back to the Registrar that the UIFN has been disconnected, then the Registrar will place the UIFN in the Ageing State.

C.1.3 Change of Applicant

- a) The customer may change Applicants while its UIFN is the Reserved/Assigned Status.
- b) The new Applicant will notify the Registrar of the change via Annex G.
- c) The new Applicant will have 180 days to activate the UIFN and must inform the Registrar of service implementation via the UIFN Status Notification Form, Part A.
- d) Even if the customer transfers to other Applicants, an UIFN can only remain in a reserved status for a maximum of 360 days in order to prevent the misuse of UIFNs. If the customer has changed Applicants, but has not activated the UIFN within the 360 days, the UIFN will be reclaimed by the Registrar.

Annex D

Registrar Start-Up And Duplicate Request Procedures

D.1 Registrar procedures

The purpose of the Registrar start-up procedures is to start the assignment of numbers out of the UIFN resource pool in an efficient and fair manner. The administration of UIFNs is divided into two phases:

- the start-up phase, receipt and validation of applications;

- the ongoing phase, the administration of the UIFN assignment process after the start-up phase.

NOTE – Although the "start-up phase" is not expected to be required in the future, the text is being retained for historical purposes.

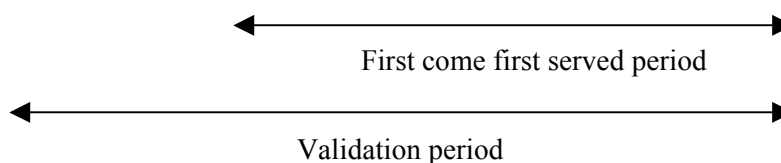
D.1.1 Start-up phase

The purpose of the start-up phase is to outline the procedures for receipt and validation of UIFN applications.

The following are the procedures to be adhered to during the start-up phase:

- T1 90 days prior to the Registrar's acceptance of applications, the Registrar will announce UIFN availability.
- T2 30 days prior to the reservation of UIFNs by the Registrar, receipt and validation of UIFN applications will be accomplished. All valid requests received during this time period are considered to be received at the same time to assure that all Applicants can be treated equally.
- T3 There will be an additional three days after the 30 days acceptance of applications (T2), for the Registrar to amend invalid requests with the Applicants.
- T4 At expiration of T3, the Registrar will make UIFN assignments and resolve conflict resolutions received during the start-up period.

T1	T2	T3	T4
Advertising notification	Collection of applications	3-day period to amend invalid requests	Conflict resolution and assigning UIFNs to Applicants received in T1-T3



D.1.2 Ongoing phase

The ongoing phase of UIFN administration is detailed in clauses 7 and 8. Applications during the ongoing period will be accepted from the first day of T3. However, number reservations will not be made until ALL conflict resolutions are complete; see clause 9 for details and time-related activities for conflict resolution.

D.2 Duplicate Requests procedures

D.2.1 Duplicate Requests

The purpose of these procedures is to resolve UIFN conflicts, e.g. when more than one Applicant applies for the same UIFN at the same time.

- a) The Registrar should advise only the involved Applicants, and Administrations if so required by those Administrations, when problems are identified, and provide advice to them and co-operate in problem resolution.
- b) The Registrar shall give priority to the Applicants embedding their IFS customer's existing entire national FSN: this is known as priority assignment. The service provider, which provides the national freephone service, may be different than the Applicant that is embedding the IFS customer's FSN in the UIFN.

D.2.2 Specific procedures

- a) The Applicant can only request and receive priority assignment based on the intent to embed the entire existing FSN. The embedding can only be requested by adding trailing or leading filler digits to the entire existing FSN, in the manner illustrated below.

For example:

- IFS customer A's 7-digit FSN is 234 5678:
 - embedding by adding leading filler digit: UIFN requested: 800 X2345678;
 - embedding by adding trailing filler digit: UIFN requested: 800 2345678X;
- IFS customer B's 6-digit FSN is 654 321:
 - embedding by adding leading filler digits: UIFN requested: 800 XX654321;
 - embedding by adding trailing filler digits: UIFN requested: 800 654321XX;
 - embedding by adding one leading and one trailing digit: UIFN requested: 800 X654321X;

where X = 0-9.

Similar principles apply for IFS customers with fewer than 6-digit FSNs.

- b) When two or more Applicants request the same UIFN, and only one of the Applicants request a priority assignment, the Registrar will assign the UIFN to the Applicant which requested priority assignment. The Registrar will then assign the stated alternative choices, or solicit alternative choices, to the other Applicants.
- c) When two or more Applicants request the same UIFN based on embedding their entire national FSN, and if only one of the Applicants' national FSN was in service prior to 1 December 1994, and request priority assignment, the Registrar will assign the UIFN to that Applicant. The Registrar will then assign the stated alternative choices, or solicit alternative choices, to the other Applicants.
- d) When two or more Applicants requesting the same UIFN based on their entire national FSN and two or more of the Applicant's national FSNs were in service prior to 1 December 1994, and request priority assignment, the Registrar will communicate with the Applicants and notify them of the duplicate request and attempt to resolve the duplicate request by having the Applicant(s) change their filler digits to eliminate the duplication. During this procedure, the Registrar will inform the Applicants that they are in contention for their selected UIFN. Identities of other Applicants involved in the contention will only be divulged with the consent of all the involved Applicants, for the purpose of resolving the contention.
- e) When two or more Applicants requesting the same UIFN based on their entire national FSN, request priority assignment, the Registrar will communicate with the Applicants and notify them of the duplicate request and attempt to resolve the duplicate request by having the Applicant(s) change their filler digits to eliminate the duplication. During this procedure, the Registrar will inform the Applicants that they are in contention for their selected UIFN. Identities of other Applicants involved in the contention will only be divulged with the consent of all the involved Applicants, for the purpose of resolving the contention.
- f) When two or more Applicants requested the same UIFN, and none have requested priority assignment, the Registrar will communicate with the Applicants and notify them of the duplicate request and attempt to resolve the duplicate request by having the Applicant(s) choose an alternate UIFN if applicable. During this procedure, the Registrar will inform the Applicants that they are in contention for their selected UIFN. Identities of other Applicants involved in the contention will only be divulged with the consent of all the involved Applicants, for the purpose of resolving the contention.

- g) In the absence of an agreement to resolve the duplicate request with the Applicants, the Registrar will, after 15 days, perform a random selection to resolve the duplicate request. The Applicants not receiving the UIFN will be assigned one of their alternate choices or the Registrar will solicit another choice, if not provided.

Annex E

Preparation of Universal International Freephone Number Request Form

E.1 Preparation of Universal International Freephone Number Request Form – Part A

The Universal International Freephone Number Request Form, Part A, is completed by the Applicant. The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Company name (Applicant): As defined in 3.2.
- c) Contact name and address: The contact name and address of the Applicant.
- d) Telephone, fax numbers, and email address: The telephone, fax numbers and email address of the Applicant.
- e) Request type:
 - **New:** A new service involving a new UIFN is established, or an additional service provider will be providing IFS service with the existing number to the IFS customer.
 - **Change:** An existing service requires modification (i.e. change of name, or address).
 - **Disconnect:** An existing service is completely disconnected. The number can be assigned to another IFS customer only after a six-month ageing period.
 - **Cancel:** The service does not exist yet, and the IFS customer decides not to use this number, the number automatically goes into the pool of available numbers for immediate assignment.
- f) Reason for change: Indicate the type of change.
- g) Universal International Freephone Number: Indicate either:
 - IFS customer requests one of the numbers listed below (in order of preference); or
 - IFS customer requests any available number with no specific preference.
- h) IFS customer name and address: Name of IFS customer required, address of customer optional.
- i) Expected due date: Service will be expected to officially commence on this date.
- j) Is IFS customer embedding entire existing national FSN?
- k) Existing national FSN that is being embedded and the CC under which this FSN is in use.
- l) Was existing national FSN implemented prior to 1 December 1994?
- m) Countries with which the UIFN will be initially implemented.
- n) Co-ordination (reference) number: A reference number assigned by the service provider to identify the number request. This number should be used as a cross-reference on the Universal International Freephone Number Request Form, and the Universal International Freephone Number Status Notification Form.
- o) Payment of the registration application fee: Indicate the method of payment used.

E.2 Preparation of Universal International Freephone Number Request Form – Part B

The Universal International Freephone Number Request Form, Part B, is completed by the Registrar to confirm UIFN reservation. The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Universal International Freephone Number: The number reserved, based on its priority and availability, subject to the payment of the registration application fee.
- c) Reason for number denial: When a request for a specific number is refused, the Applicant should be informed of the reason for each number listed in Part A of the UIFN Request Form, e.g.:
 - 1) assigned;
 - 2) reserved;
 - 3) in a six-month ageing period;
 - 4) pending conflict resolution.

Universal International Freephone Number Request Form

Part A filled out by the Applicant

(Applicant):

Company name: (b) _____

Contact name: (c) _____

Address: _____

Telephone number: (d) _____

Fax number: _____

E-mail: _____

Transmittal date: (a) _____

Send to:

UIFN Registrar

International Telecommunication Union

Telecommunication Standardization Bureau

CH-1211 GENEVA 20, Switzerland

Fax: +41 22 730 6200

Tel: +41 22 730 6220

Request type (mark with an X): (e)

New ☐

Change ☐

Disconnect ☐

Cancel ☐

Reason for change: (f) _____

Universal International Freephone Number Requests, acceptable alternatives in order of priority: (g)

1) +800 _ _ _ _ _

6) +800 _ _ _ _ _

2) +800 _ _ _ _ _

7) +800 _ _ _ _ _

3) +800 _ _ _ _ _

8) +800 _ _ _ _ _

4) +800 _ _ _ _ _

9) +800 _ _ _ _ _

5) +800 _ _ _ _ _

10) +800 _ _ _ _ _

IFS customer name: (h) _____

Expected IFS customer due date: (i) _____

IFS customer address: _____

Is IFS customer embedding entire existing national FSN? (j)

Yes ☐

No ☐

Existing national FSN that is being embedded: (k) CC _____ FSN _____

Existing national FSN implemented prior to 1 December 1994 (l)

Yes ☐

No ☐

Country(ies) with which the IFS will be implemented initially: (m) _____

Co-ordination (reference) number: (n) _____

Payment of the registration application fee: (o) _____

Swiss francs

Specify the method of payment use:

☐ by bank transfer to ITU account No. C8-108.400.1 UBS SA, Geneva (Switzerland)

☐ major credit card

Part B filled out by the Registrar to be returned to Applicant

Transmittal date: (a) _____

This UIFN is reserved for 180 days: (b) +800 _ _ _ _ _

The UIFN(s) listed above in Part A, were denied reservation, with reason: (c)

1) _____ 6) _____

2) _____ 7) _____

3) _____ 8) _____

4) _____ 9) _____

5) _____ 10) _____

Remarks: _____

Signature: _____

Annex F

Preparation of Universal International Freephone Number Status Notification Form

F.1 Preparation of Universal International Freephone Number Status Notification Form – Part A

The Universal International Freephone Number Status Notification Form, Part A, is completed by the Applicant to change the reserved UIFN to assigned. The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Company name (Applicant): As defined in 3.2.
- c) Contact name and address: The contact name and address of the Applicant.
- d) Telephone, fax numbers and Email address: The telephone, fax numbers and Email address of the Applicant.
- e) Universal International Freephone Number
- f) Date of activation: The date that the first number was activated in their network.
- g) Co-ordination (reference) number: A reference number assigned by the service provider to identify the number request. This number should be used as a cross-reference on the Universal International Freephone Number Request Form, and the Universal International Freephone Number Status Notification Form.
- h) IFS customer name: Name of IFS customer and address (optional field).

F.2 Preparation of Universal International Freephone Number Status Notification Form – Part B

The Universal International Freephone Number Status Notification Form, Part B, is completed by the Registrar to confirm the freephone assignment to Applicant. The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Universal International Freephone Number: The UIFN, which the Registrar has changed from, reserved, to assigned, from assigned to disconnected, or updated change information.

Universal International Freephone Number Status Notification Form

Part A filled out by the Applicant

(Applicant):

Company name: (b) _____

Contact name: (c) _____

Address: _____

Telephone number: (d) _____

Fax number: _____

E-mail: _____

The following UIFN was implemented: (e)

+800 _____

Transmittal date: (a) _____

Send to:

UIFN Registrar

International Telecommunication Union

Telecommunication Standardization Bureau

CH-1211 GENEVA 20, Switzerland

Fax: +41 22 730 6200

Tel: +41 22 730 6220

The date of
activation is: (f)

Day

Month

Year

Co-ordination (reference) number: (g) _____

IFS customer name: (h) _____

Customer address: _____

Part B filled out by the Registrar to be returned to Applicant

The below UIFN was assigned:

Transmittal date: (a) _____

(b) +800 _____

The below UIFN was disconnected ☐ or cancelled ☐:

(b) +800 _____

Remarks: _____

Signature: _____

Annex G

Preparation of Uifn Multiple Roas Notification Form

G.1 Preparation of UIFN Multiple ROAs Notification Form – Part A

The Universal International Freephone Number Multiple ROAs Notification Form is to be completed by the Applicant or additional ROAs to report additions or deletions of ROAs to the Registrar. The fields are as follows:

- a) Transmittal date: Date the form was sent to the Registrar.
- b) Company Name/ROA: ROA name and contact information.
- c) UIFN number: Specific UIFN number associated with this request.
- d) IFS customer name: The exact name of the IFS customer. The Registrar will not record any change of information if the customer's name is not the same as the one recorded in the Registrar's database.
- e) Customer address: This is an optional field. If included, it should be the address of the main office of the IFS customer or the address recorded in the Registrar's database.
- f) Indicate whether the UIFN has been implemented or was disconnected.
- g) Reasons: Provide any comments deemed necessary.

G.2 Preparation of UIPRN Multiple ROAs Notification Form – Part B

The UIFN Multiple ROAs Notification Form is completed by the Registrar to confirm the premium rate number assignment/disconnect for the additional ROA(s). The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Universal International Premium Rate Number: The UIFN that the Registrar has changed from "reserved", to "assigned", and from "assigned" to "disconnected" or "updated change information".

Universal International Freephone Number Multiple ROAs Notification Form

To be returned to: UIFN Registrar
International Telecommunication Union
Telecommunication Standardization Bureau
Place des Nations
CH-1211 GENEVA 20, Switzerland
Fax : +41 22 730 6200
Tel: +41 22 730 6220

Part A to be filled out by the Recognized operating agency (ROA)

Transmittal date (a) _____

Company name/ROA: (b) _____

Contact name: _____

Address: _____

Telephone number: + _____

Fax number: + _____

E-mail: _____

UIFN number: (c) 800 [x] _____

IFS customer name: (d) _____

Customer's address: (e) _____

(check appropriate box): (f)

☐ The above UIFN has been implemented or is in the Reserved State.

☐ The above UIFN was disconnected.

Reasons: (g) _____

Part B filled out by the Registrar to be returned to Applicant

The below UIFN was assigned: Transmittal date: (a) _____

(b) 800 [x] _____

The below UIFN was disconnected:

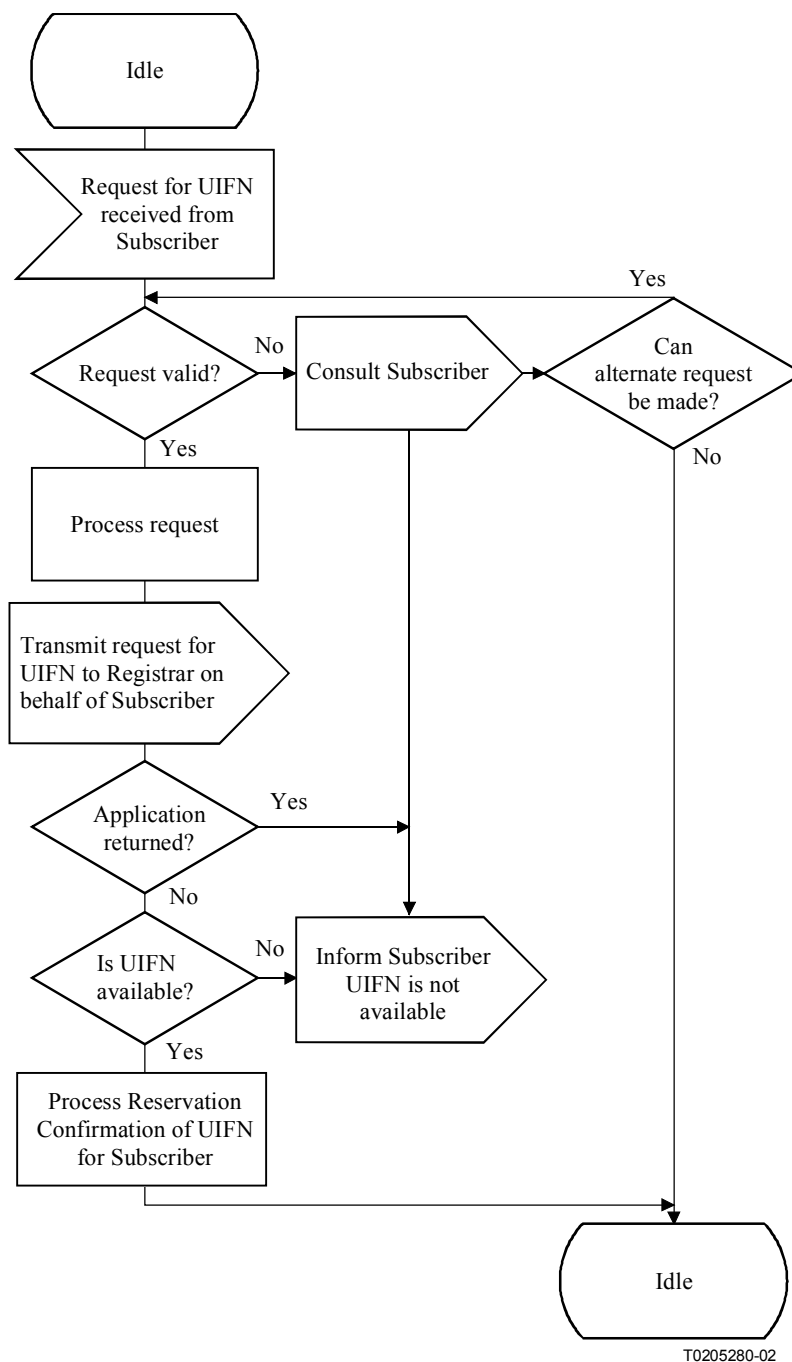
(b) 800 [x] _____

Remarks: _____

Signature: _____

Appendix I

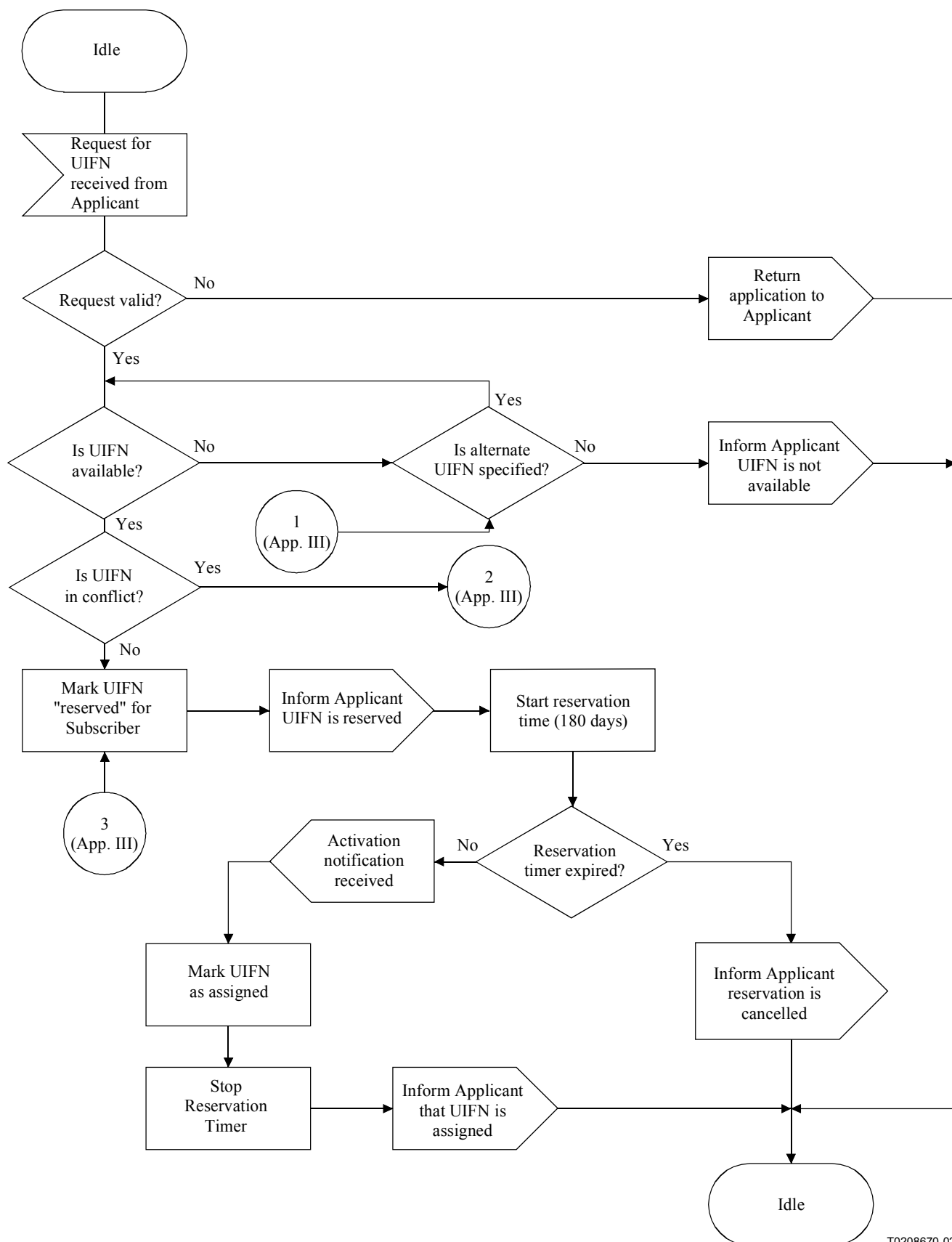
Applicant procedure



The text within this Recommendation will take precedence over the flow diagrams in Appendices I, II, and III if any discrepancies are identified.

Appendix II

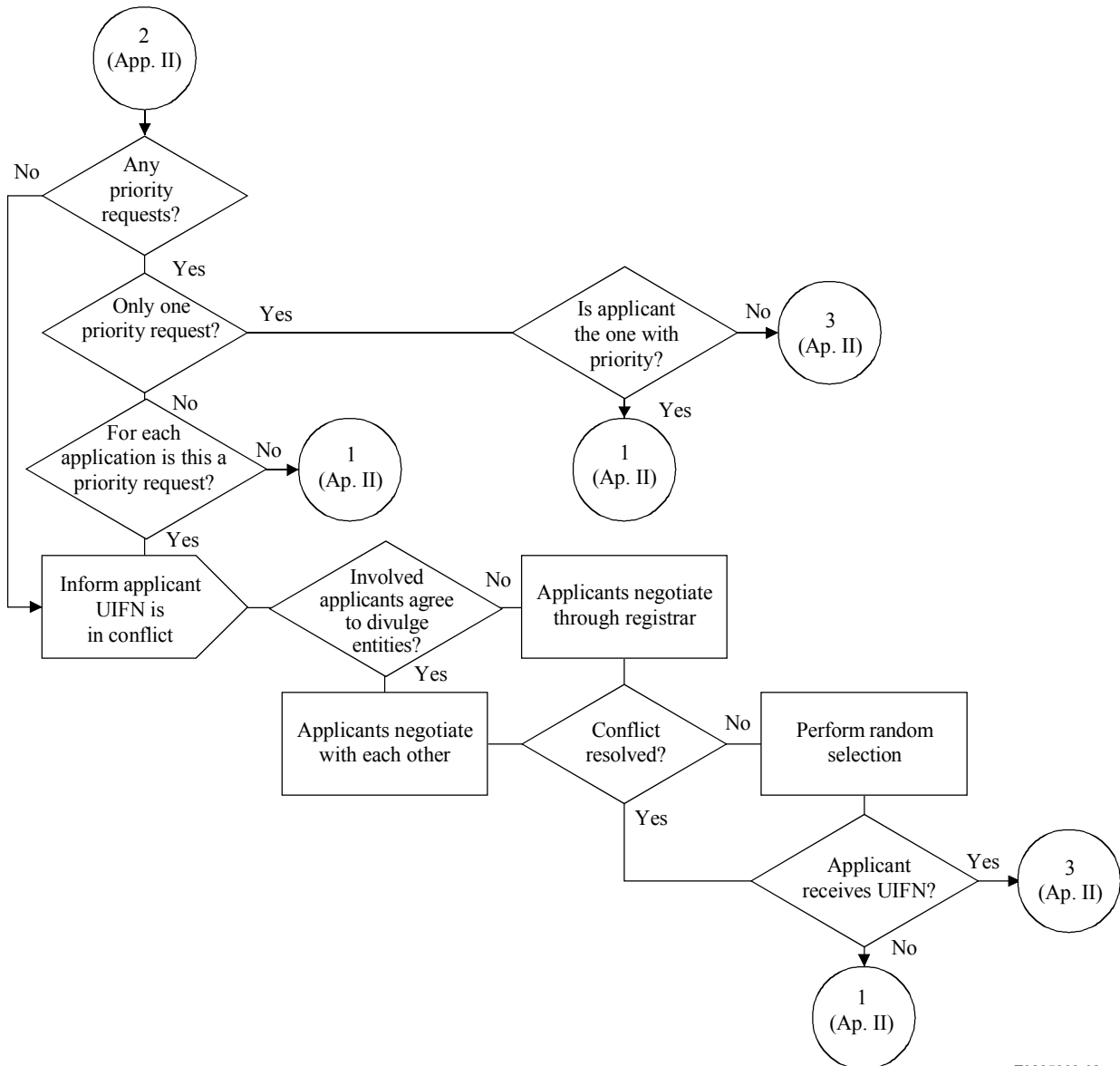
Registrar procedure



T0208670-02

Appendix III

Duplicate request procedure



T0205300-02

SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks and open system communications
Series Y	Global information infrastructure and Internet protocol aspects
Series Z	Languages and general software aspects for telecommunication systems