

ITU-T

E.169.2

(10/2000)

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

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 premium rate numbers for the international premium rate service

ITU-T Recommendation E.169.2

(Formerly CCITT Recommendation)

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 variations 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 |
| | |

 $For {\it further details, please refer to the list of ITU-T Recommendations}.$

ITU-T Recommendation E.169.2

Application of Recommendation E.164 numbering plan for universal international premium rate numbers for the international premium rate service

Summary

This ITU-T Recommendation details the application of the ITU-T Recommendation E.164 Numbering Plan for Universal International Premium Rate Numbers (UIPRN) in the provisioning of the International Premium Rate Service as defined in ITU-T Recommendation E.155.

Source

ITU-T Recommendation E.169.2 was prepared by ITU-T Study Group 2 (1997-2000) and approved by the World Telecommunication Standardization Assembly (Montreal, 27 September – 6 October 2000).

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 2001

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 the ITU.

CONTENTS

| 1 | Scope |
|-------|---|
| 2 | References |
| 3 | Definitions |
| 4 | Abbreviations |
| 5 | UIPRN principles and format |
| 5.1 | UIPRN principles |
| 5.2 | UIPRN format |
| 5.3 | Charging/Accounting Indicator |
| 5.4 | Specific Charging/Accounting Indicator |
| 6 | Number assignment principles. |
| 7 | Applicant procedures |
| 8 | Registrar procedures |
| 9 | Change request procedures |
| 10 | Registrar start-up and duplicate request procedures |
| 11 | Preparation of Universal International Premium Rate Number Request Form |
| 12 | Preparation of Universal International Premium Rate Number Status Notification Form |
| 13 | Preparation of Universal International Premium Rate Number Multiple ROA Notification Form |
| Annex | x A – Applicant procedures |
| Annex | x B – Registrar procedures |
| Annex | x C – Change procedures |
| C.1 | Change request procedures |
| | C.1.1 Multiple ROAs documentation procedures |
| | C.1.2 Applicant change procedures |
| | C.1.3 Change of Applicant |
| Annex | x D – Registrar start-up and duplicate request procedures |
| D.1 | Registrar procedures |
| | D.1.1 Start-up phase |
| | D.1.2 Ongoing phase |

| D.2 | Duplicate requests procedures |
|-------|---|
| | D.2.1 Duplicate requests |
| | D.2.2 Specific procedures |
| Annex | x E – Preparation of Universal International Premium Rate Number Request Form |
| E.1 | Preparation of UIPRN Request Form, Part A |
| E.2 | Preparation of UIPRN Request Form, Part B |
| Annex | x E (Form) – Universal International Premium Rate Number Request Form |
| Annex | K F – Preparation of Universal International Premium Rate Number Status Notification Form |
| F.1 | Preparation of UIPRN Status Notification Form, Part A |
| F.2 | Preparation of UIPRN Status Notification Form, Part B |
| Annex | F (Form) – Universal International Premium Rate Number Status Notification |
| Annex | G – Preparation of Universal International Premium Rate Number Multiple ROA Notifications Form |
| G.1 | Preparation of UIPRN Multiple ROA Notifications Form, Part A |
| G.2 | Preparation of UIPRN Multiple ROAs Notification Form, Part B |
| Annex | G (Form) – Universal International Premium Rate Number Multiple ROA Notification Form |
| Apper | ndix I – Applicant procedure |
| Apper | ndix II – Registrar procedure |
| Apper | ndix III – Duplicate request procedure |

ITU-T Recommendation E.169.2

Application of Recommendation E.164 numbering plan for universal international premium rate numbers for the international premium rate service

(Montreal, 2000)

1 Scope

This ITU-T Recommendation details the application of the ITU-T Recommendation E.164 Numbering Plan for Universal International Premium Rate Numbers (UIPRN), in the provisioning of the International Premium Rate Service as defined in ITU-T Recommendation E.155.

2 References

The following 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 D.117 (1999), Charging and accounting principles for the International Premium Rate Service (IPRS).
- ITU-T Recommendation E. 155 (1998), *International Premium Rate 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.

3 Definitions

This ITU-T Recommendation defines the following terms:

- **3.1 ageing period**: A nominal six-month period of time when a previously assigned UIPRN remains idle before being reassigned.
- **3.2 applicant**: The service provider, an ROA, as defined in the Annex of the ITU Constitution (Geneva, 1992) that submits an application for a UIPRN on behalf of the IPRS customer in accordance with this ITU-T Recommendation and ITU-T Recommendation E.155.
- **3.3 charging/accounting Indicator (CI)**: The digit belonging to the UIPRN and mnemonically associated with the charging range. Use of a CI allows the service user to be informed about the rate or value applied before dialling of the UIPRN. Service providers may use the CI for accounting purposes.
- **3.4 international premium rate number**: A number dialled by a caller to obtain a connection to an IPRS customer for the IPRS.

- **3.5 international premium rate service customer**: The information (content) provider. The customer of the Applicant (see 3.2).
- **3.6 universal international premium rate number (UIPRN)**: A unique number which is assigned to the IPRS customer on a global basis for the provision of the IPRS.
- **3.7 UIPRN registrar**: The administrator responsible for processing registration requests and assigning the UIPRN resource.

4 Abbreviations

This ITU-T Recommendation uses the following abbreviations:

CC Country Code

CI Charging/Accounting Indicator
IPRS International Premium Rate Service
PRSN Premium Rate Subscriber Number
ROA Recognized Operating Agency

SN Subscriber Number

TSB Telecommunication Standardization Bureau
UIPRN Universal International Premium Rate Number

5 UIPRN principles and format

5.1 UIPRN principles¹

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

- **5.1.1** To ensure full IPRS customer flexibility, the UIPRN should be service provider portable, giving the IPRS customers the ability to retain their assigned UIPRNs and change their service providers. The UIPRN does not contain any identification of country (origin or destination), administrative code or service provider code.
- **5.1.2** The structure of UIPRN should offer IPRS customer's freedom in choosing the digits to form a particular UIPRN that suits their purposes.
- **5.1.3** The format of the UIPRN should facilitate proper and efficient routing of individual calls by service providers.
- **5.1.4** The treatment of all UIPRN related activities, among nations, IPRS service providers and IPRS customers should be fair and unbiased.

5.2 UIPRN format

A UIPRN is composed of a 3-digit CC for a global service application (979), a single digit Charging/Accounting Indicator (CI), and an 8-digit Subscriber Number (SN), resulting in a 12-digit fixed format² (CC+CI+SN) (see Figure 1):

¹ Reference should also be made to ITU-T Recommendation E.190.

Service Providers should be aware that more than twelve digits may be dialled for commercial reasons. Commercial advertisements may contain more letters than the comparable digits in a telephone number and be inadvertently dialled by a customer. These calls should not be blocked for that reason.

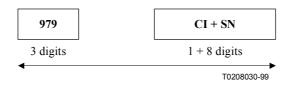


Figure 1/E.169.2 – Universal International Premium Rate Number (UIPRN)

As an example, an IPRS customer's UIPRN could be 979 1 12345678, where 1 is the Charging/Accounting Indicator, and 12345678 is the IPRS customer's SN.

All calls to a UIPRN must be preceded by an international prefix.

5.3 Charging/Accounting Indicator³

The UIPRN will include a single-digit CI following the global service code (979). The purpose of the indicator is to allow IPRS providers the ability to separate charging rates for premium rate calls, based on subscriber charging preferences. For this purpose four bands were created and have been generally characterized as "High", "Medium", "Low", and "Special". The digits within the indicator are allocated as follows:

| Digit | Application |
|-------|-------------------------|
| 1 | Charging Band 1 |
| 2 | Reserved for future use |
| 3 | Charging Band 2 |
| 4 | Reserved for future use |
| 5 | Charging Band 3 |
| 6 | Reserved for future use |
| 7 | Reserved for future use |
| 8 | Reserved for future use |
| 9 | Special Charging Band |
| 0 | Reserved for future use |

5.4 Specific Charging/Accounting Indicator³

The specific Charging/Accounting Indicator used with each SN within a UIPRN is determined between the service providers involved and may change on a country-by-country basis. It is recommended that the same SN with different CIs not be implemented in the same country in order to minimize customer confusion and operational complexities.

6 Number assignment principles⁴

- **6.1 All assigned UIPRNs** must be used in conformance with ITU-T Recommendation E.155.
- **6.2 Applications for UIPRNs** will only be considered when a valid (see 6.3 and 6.4 below), and complete UIPRS Request Form has been received from an eligible Applicant by the Registrar.

³ Reference should also be made to ITU-T Recommendation D.117.

⁴ Reference should also be made to ITU-T Recommendations E.164 and E.164.1.

- **6.3 UIPRNs will only be assigned** to IPRS customers who will use the IPRS service between two or more countries; i.e. IPRS customers offering a service that is only accessed from within a single national, or integrated numbering plan, will not be considered eligible.
- **6.4 UIPRNs can only be assigned** to IPRS customers where implementation will be within 180 days of the date of reservation.
- 6.5 The assignment of a UIPRN by the Registrar does not create an ownership interest, right or claim to the UIPRN on the part of the IPRS customer or IPRS service provider. Its use shall be subject to the terms set forth herein.
- **6.6 UIPRNs 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 within 30 days.
- **6.7 UIPRNs are classified** as reserved until the Applicant notifies the Registrar that the UIPRN is implemented (180 day maximum).
- **6.8** The UIPRN shall be unique to an IPRS customer.
- **6.9 Any violation of these principles** by the IPRS customer or IPRS service provider of a UIPRN will result in the Registrar reclaiming the assigned number.
- **6.10** All ten Charging/Accounting Indicators associated with the charging bands are considered to be a part of a unique set of UIPRNs assigned to an applicant.
- **6.11** A Subscriber Number assigned to an IPRS customer may be associated with any currently allocated CI, i.e. the IPRS customer may offer an IPRS using the same SN with a different CI.

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 UIPRN 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 Premium Rate Number Request Form

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

12 Preparation of Universal International Premium Rate Number Status Notification Form

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

13 Preparation of Universal International Premium Rate Number Multiple ROA Notification Form

The procedure for preparation of the Universal International Premium Rate Number Multiple ROA Notification Form is included in Annex G. An Applicant may have an IPRS customer who may also be an IPRS customer of one or more ROAs in different countries or for other service reasons.

ANNEX A

Applicant procedures

The Applicant has the responsibility for the following:

- a) processing all applications received on behalf of their IPRS customers and of being the sole interface with the IPRS customer.
 - NOTE National Administrations may, as a national matter, choose to coordinate applications from their ROAs, or to be the Applicant on behalf of their ROAs.
- b) submitting valid requests for a UIPRN in accordance with this ITU-T Recommendation, using the particular UIPRN format as described in clause 5. The Registrar will return invalid requests.
- c) sending a UIPRN request form, Part A (see Annex E), on behalf of the IPRS customer, by facsimile to the Registrar. The Applicant submits only one number request per form, but allows an IPRS customer to list acceptable alternative numbers. However, the IPRS 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 number on the Request Form.

The UIPRN Request Form should be accompanied by evidence of payment of the registration application fee for the reservation and assignment of the UIPRN by the Registrar. ITU will notify Administrations of the amount of the registration application fee in the current Operational Bulletin of ITU.

Each Applicant based on the number of projected applications expected can pay a registration application fee. The Registrar debits each Applicant's account for each UIPRN 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 SWIFT No. UBSWCHZH12A

- via a major credit card.
- d) ensuring that all requested UIPRNs are numeric; alpha characters will NOT be accepted.
- e) specifying up to 10 UIPRNs which are acceptable to their IPRS customer in order of priority, to limit interaction with the Registrar if their early choices are unavailable.

- f) consulting with the IPRS customer for additional choices if the UIPRNs are either assigned, reserved, in six-month ageing period, or pending conflict resolution.
- g) accepting UIPRN Request Form, Part B (see Annex E), as the UIPRN reservation confirmation from the Registrar, and notify the IPRS customer.
- h) ensuring that the UIPRN is implemented within 180 days and notify the Registrar via the UIPRN Status Notification Form, Part A (see Annex F).
- i) upon advice from the Registrar of use not in conformance with this ITU-T Recommendation, the Applicant will be afforded 90 days to either bring the UIPRN into conformance or explain why the current use is conforming. If conformance is not achieved by 90 days, the Registrar will reclaim the UIPRN. The UIPRN will immediately be disconnected and enter the ageing period. The IPRS service provider(s) will withdraw the IPRS customer's service.
- j) notifying the Registrar of changes in information associated with UIPRNs, e.g. change of name, address, using the UIPRN Request Form, Part A (see Annex E).
- k) notifying the Registrar via the UIPRN Request Form, Part A (see Annex E), of a disconnection of a UIPRN at the time of disconnect.
- 1) Receiving advice from the Registrar of confirmation of number assignment via the UIPRN, Status Notification Form, Part B (see Annex F), as confirmation of number assignment, and forwarding a copy of this form to their IPRS 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 cooperation and consultation with national Administrations, as required by national Administrations. This ITU-T Recommendation does not include the legal responsibilities of the Registrar. The Registrar will:

- a) assign all UIPRNs in a fair and unbiased manner.
- b) validate the request for a UIPRN in accordance with this ITU-T Recommendation, and the particular UIPRN format as described in clause 5. The Registrar will return the request to the Applicant if the application is not valid.
- c) administer a single pool of UIPRNs in a single database. The database requirements include:
 - an entry for each UIPRN;
 - the IPRS customer name;
 - the Applicant;
 - the status of the UIPRN (available, reserved, ageing with maturity date);
 - historical information;
 - allowing for administering change information;
 - allowing an online view only capability of number status to Applicants;

- providing the information necessary to conduct a security investigation, from the UIPRN records contained in the registrar's database, to Administrations (details to be arranged per bilateral agreements reached by the TSB and the Administrations). 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 electronic means.
- d) receive all application requests by the Applicant on behalf of the IPRS customer by facsimile with a UIPRN Request Form, Part A, including the registration application fee payments.
- e) reserve UIPRNs on a "first come first served" basis. This means that the UIPRN 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 UIPRN is available for assignment. If the UIPRN requested is unavailable for assignment, the Registrar will see if an alternate UIPRN was specified; if not, the requested UIPRN will be returned to the Applicant for another choice.
- h) accept no verbal requests or inquiries for available UIPRNs.
- i) accept only one IPRS customer per UIPRN Request Form.
- j) respond with a reservation to the Applicant, within two working days of receipt of request, via facsimile, with a UIPRN Request Form, Part B (see Annex E), to acknowledge the reservation confirmation and update the UIPRN database with the appropriate notation. 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 UIPRN Status Notification Form, Part A (see Annex F), from the Applicant.
- l) if the UIPRN Status Notification Form, Part A (see Annex F) is not received within 180 days; the UIPRN 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's inability to complete interconnection with a network operator involved in the IPRS service. A reserved UIPRN 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 UIPRN Status Notification Form, Part B, and assign the UIPRN accordingly.
- n) update the UIPRN database accordingly.
- o) provide information to Applicants on the application process as detailed in these guidelines.
- p) upon recognizing a use of the UIPRN that does not conform to the guidelines in this ITU-T Recommendation and/or to ITU-T Recommendation E.155, inform the Applicant of the alleged misuse. The Applicant will be afforded 90 days to either bring the UIPRN into conformance or explain why the current use is conforming. If conformance is not achieved by 90 days, the Registrar will reclaim the UIPRN. 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 UIPRN Request Form; Part A (see Annex E). The UIPRN will be placed in the ageing period on the date the Registrar receives the notification of disconnect.
- r) when an existing UIPRN is completely disconnected, the UIPRN can be assigned to another IPRS customer normally after a six-month ageing period. If, however, an Applicant requests the assignment of a UIPRN which is in the ageing period, then the UIPRN may be assigned if it has been in ageing for at least three months.
- s) the Registrar will send confirmation of the disconnection of the UIPRN to the Applicant, via the UIPRN Status Notification Form, Part B (see Annex F).
- t) accept changes of information associated with UIPRNs (e.g. change of name, address), via the UIPRN Request Form, Part A (see Annex E) and UIPRN Multiple ROA Notification Form (see Annex G).
- u) periodically confirm that assigned UIPRNs are in use, at least between two countries, and exercise authority to take appropriate action regarding inactive UIPRNs.
- v) monitor and audit the status of the UIPRN resource and produce reports to the appropriate Study Group. Including 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 UIPRN is inadvertently assigned to multiple IPRS customers, the Applicant with the earliest dated application will be the Applicant of record.

ANNEX C

Change procedures

C.1 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 UIPRN database.

C.1.1 Multiple ROAs documentation procedures

- a) The Registrar will maintain within their UIPRN database multiple ROAs associated with a single UIPRN.
- b) The Applicant and/or the Additional ROA will provide information on the addition or deletion of ROA to the Registrar via the UIPRN Multiple ROA 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 UIPRN, then the Registrar will default assign a new Applicant to that UIPRN, unless otherwise requested by the IPRS customer via their preferred ROA. The default Applicant will be initially selected and notified by the Registrar based on the earliest registered additional ROA.
- b) The default Applicant shall notify the Registrar if he accepts the assignment as the Applicant for that particular UIPRN. 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 UIPRN respond back to the Registrar that the UIPRN has been disconnected, then the Registrar will place the UIPRN in the Ageing State.

C.1.3 Change of Applicant

- a) The customer may change Applicants while its UIPRN 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 UIPRN and must inform the Registrar of service implementation via the UIPRN Status Notification Form, Part A (see Annex F).
- d) Even if the customer transfers to another Applicant, an UIPRN can only remain in a reserved status for a maximum of 360 days in order to prevent the misuse of UIPRNs. If the customer has changed Applicants, but has not activated the UIPRN within the 360 days, the Registrar will reclaim the UIPRN.

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 UIPRN resource pool in an efficient and fair manner. The administration of UIPRNs is divided into two phases: the start-up phase and receipt and validation of applications. The ongoing phase is the administration of the UIPRN assignment process after the start-up phase.

D.1.1 Start-up phase

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

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

- a) (T1) 90 days prior to the Registrar acceptance of applications, the Registrar will announce UIPRN availability.
- b) (T2) 30 days prior to the reservation of UIPRNs by the Registrar, receipt and validation of UIPRN 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.
- c) (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.
- d) (T4) At expiration of T3, the Registrar will make UIPRN assignments and resolve conflict resolutions received during the start-up period.

| T1 | T2 | Т3 | T4 |
|--------------------------|----------------------------|--|-----------------------|
| Advertising notification | Collection of applications | 3-day period to amend assigning UIPRNs to Applicants received in T1-T3 | |
| | | First come | e first served period |
| | | Validation pe | riod |

D.1.2 Ongoing phase

The ongoing phase of UIPRN administration is detailed in Annexes A and B. 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 10 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 UIPRN conflicts, e.g. when more than one Applicant applies for the same UIPRN at the same time.

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

D.2.2 Specific procedures

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

For example:

- IPRS customer A's 7-digit PRSN is 234 5678:
 - embedding by adding leading filler digit: UIPRN requested: 979 X Y2345678;
 - embedding by adding trailing filler digit: UIPRN requested: 979 X 2345678Y;
- IPRS customer B's 6-digit PRSN is 654 321:
 - embedding by adding leading filler digits: UIPRN requested: 979 X YY654321;
 - embedding by adding trailing filler digits: UIPRN requested: 979 X 654321YY;
 - embedding by adding one leading and one trailing digit: UIPRN requested: 979 X Y654321Y;

where X = 0.9, Y = 0.9

Similar principles apply for IPRS customers with fewer than 6-digit PRSNs.

- b) When two or more Applicants request the same UIPRN, and only one of the Applicants request a priority assignment, the Registrar will assign the UIPRN 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 UIPRN based on embedding their entire national PRSN, and if only one of the Applicants national PRSN was in service prior to 1 February 1999 and request priority assignment, the Registrar will assign the UIPRN 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 UIPRN based on their entire national PRSN and two or more of the Applicant's national PRSNs were in service prior to 1 February 1999, 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 UIPRN. 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 UIPRN based on their entire national PRSN, 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 UIPRN. 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 UIPRN, 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 UIPRN if applicable. During this procedure, the Registrar will inform the Applicants that they are in contention for their selected UIPRN. 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 UIPRN will be assigned one of their alternate choices or the Registrar will solicit another choice, if not provided.

ANNEX E

Preparation of Universal International Premium Rate Number Request Form

E.1 Preparation of UIPRN Request Form, Part A

The Universal International Premium Rate 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, Applicant.
- c) Contact name and address: The contact name and address of the Applicant.
- d) Telephone, fax numbers, and e-mail address: The telephone, fax numbers and e-mail address of the Applicant.
- e) Request type:
 - New: A new service involving a new UIPRN is established.
 - **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 IPRS customer only after a six-month ageing period.
 - Cancel: The service does not exist yet, and the IPRS 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 Premium Rate Number: Indicate either:
 - 1) IPRS customer requests one of the numbers listed below (in order of preference); or
 - 2) IPRS customer requests any available number with no specific preference.
- h) IPRS customer name and address: Name of IPRS customer required, address of customer optional.
- i) Expected due date: Service will be expected to officially commence on this date.
- j) Is IPRS customer embedding entire existing national PRSN?
- k) Existing national PRSN that is being embedded and the CC under which this PRSN is in use.
- 1) Was existing national PRSN implemented prior to 1 February 1999?
- m) Countries with which the UIPRN will be initially implemented.
- n) Coordination (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 Premium Rate Number Request Form, and the Universal International Premium Rate Number Status Notification Form.
- o) Payment of the registration application fee: Indicate the method of payment used.

E.2 Preparation of UIPRN Request Form, Part B

The Universal International Premium Rate Number Request Form, Part B, is completed by the Registrar. The fields are as follows:

- a) Transmittal date: Date the form was sent.
- b) Universal International Premium Rate 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 UIPRN Request Form, e.g.:
 - 1) assigned;
 - 2) reserved;
 - 3) in a six-month ageing period;
 - 4) pending conflict resolution.

ANNEX E (FORM)

(One number request per form)

Universal International Premium Rate Number Request Form

| Part A filled out b | y the Applicant | Transm | nittal date: (a) | |
|--|--------------------------------------|----------------------|------------------------|------------------|
| (Applicant) | | Send to | | |
| Company name | (b) | | Registrar | |
| Address | (c) | | tional Telecommuni | |
| | | | mmunication Standa | rdization Bureau |
| | (d) | | les Nations | |
| Fax number | | | 11 GENEVA 20, Sw | ritzerland |
| E-mail address | | | 41 22 730 6200 | |
| | | 1 e1: +4 | 1 22 730 6220 | |
| Request type (mark | x with an X): (e) New | Change | Disconnect | Cancel |
| Reason for change: | : (f) | | | |
| Universal Internation | onal Premium Rate Number Reque | sts, acceptable alt | ternatives in order of | f priority: (g) |
| 1) 979 [x] | | | | |
| 2) 979 [x] | | 7) 979 [x] | | |
| 3) 979 [x] | | | | |
| 4) 979 [x] | | 9) 979 [x] | | |
| 5) 979 [x] - <u>-</u> | | 10) 979 [x] | | _ |
| IPRS customer name: | (h) | Expected IPRS custon | mer due date: (i) | |
| IPRS customer add | , , | | () <u></u> | |
| | | | | |
| | embedding entire existing national I | | Yes | No |
| • | PRSN that is being embedded: (1) | | PRSN | |
| | PRSN implemented prior to 1 Febru | | Yes | No L |
| Country(ies) with v (m) | which the IPRS will be implemente | d initially | | |
| | Perence) number: (n) | | | |
| Payment of the registress Specify the method | istration application fee: (o) | Swiss | francs | |
| by bank transfe | er to ITU Account No. C8-108.400 | 1 | | |
| | UBS SA | | | |
| | Geneva, Sw | itzerland | | |
| | SWIFT No. | UBSWCHZH12 | A | |
| major credit ca | ard | | | |
| Part B filled out b | y the Registrar to be returned to | Applicant | | |
| | | | mittal date: (a) | |
| | erved for 180 days: (b) 979 [x] | | | |
| , , | ed above in Part A, were denied res | | ison: (c) | |
| | | | | |
| | | | | |
| | | | | |
| 5 \ | | | | |
| | | 10) | | |
| Remarks: | Cianatura (Amelias at/D | agistrer) | | |
| | Signature: (Applicant/R | egistrar) | | |

ANNEX F

Preparation of Universal International Premium Rate Number Status Notification Form

F.1 Preparation of UIPRN Status Notification Form, Part A

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

- a) Transmittal date: Date the form was sent.
- b) Company name (Applicant): As defined in 3.2, Applicant.
- 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 E-mail address of the Applicant.
- e) Universal International Premium Rate Number.
- f) Date of activation: The date that the number was activated internationally.
- g) Coordination (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 Premium Rate Number Request Form, and the Universal International Premium Rate Number Status Notification Form.
- h) IPRS customer name: Name of IPRS customer required; address optional.
- i) Enter appropriate remark if an IPRS customer is making a change in their Applicant (or in Items b, c, or d).

F.2 Preparation of UIPRN Status Notification Form, Part B

The Universal International Premium Rate Number Status Notification Form is completed by the Registrar to confirm the premium rate number assignment to Applicant. The fields are as follows:

- a) Transmittal date: Date the form was returned.
- b) Universal International Premium Rate Number: the UIPRN that the Registrar has changed from "reserved", to "assigned", and from "assigned" to "disconnected".
- c) Updated change information.

ANNEX F (FORM)

Universal International Premium Rate Number Status Notification Form

| Part A filled out by the Applicant | | Transmittal date: (a) | |
|------------------------------------|-------------------|-----------------------|--|
| | | | Send to: |
| (b) | | | UIPRN Registrar |
| (c) | | | International Telecommunication Union |
| | | | Telecommunication Standardization Bureau |
| (d) | | | Place des Nations |
| | | | CH – 1211 GENEVA 20, Switzerland |
| | | | Fax: +41 22 730 6200 Tel: +41 22 730 6220 |
| N was implemente | ed: (e) 979 [x] | | |
| on is: (f) | | | |
| | | Year | |
| ence) number: (g) | | | |
| e: (h) | | | |
| (Optional) | | | |
| | | | |
| the Registrar to | be returned to Ap | plicant | |
| vas assigned: [x] | | Transmitta | al date: (a) |
| vas disconnected | or cancelled |]: | |
| [x] | | | |
| | | | |
| | | | |
| | Signature: (Ap | oplicant/Reg | gistrar) |
| | (b) | (b) | (b) |

ANNEX G

Preparation of Universal International Premium Rate Number Multiple ROA Notifications Form

G.1 Preparation of UIPRN Multiple ROA Notifications Form, Part A

The form is to be completed by the Applicant or additional ROA to report additions or deletions of ROA 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) UIPRN number: Specific UIPRN number associated with this request.
- d) IPRS customer name: The exact name of the IPRS 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 IPRS customer or the address recorded in the Registrar's database.
- f) Indicate whether the UIPRN 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 UIPRN 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 returned.
- b) Universal International Premium Rate Number: The UIPRN that the Registrar has changed from reserved, to assigned, and from assigned to disconnected.
- c) Updated change information.

ANNEX G (FORM)

Universal International Premium Rate Number Multiple ROA Notification Form

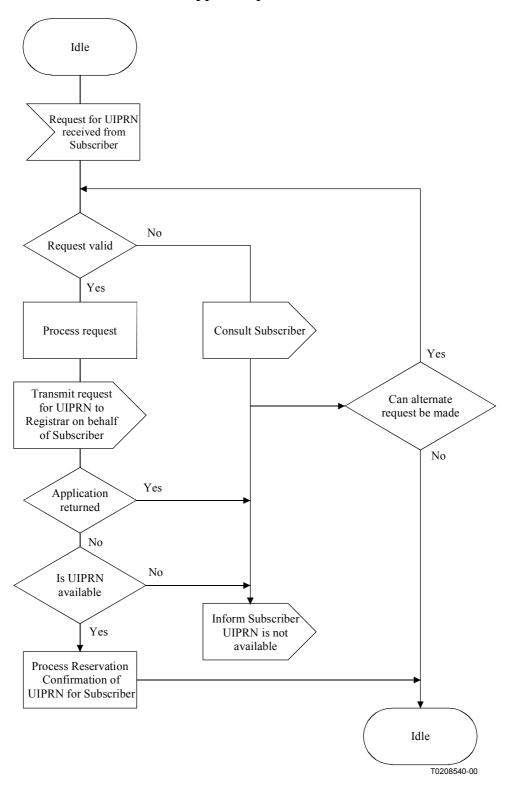
UIPRN Registrar

To be returned to:

| Interna | tional Telecommunic | eation 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 th Operating Agency (ROA) | e Recognized | Transmittal date:(a) | | | |
| Company name/ROA (b) | | | | | |
| Contact name | | | | | |
| Address | | | | | |
| Telephone number | + | | | | |
| Fax number E-mail | + | | | | |
| UIPRN number | (c) 979 [x] | | | | |
| IPRS customer name | | | | | |
| Customer's address | | | | | |
| (check appropriate box) | (f) | | | | |
| [] The above UIPRN ha | as been implemented | or is in the Reserved State. | | | |
| [] The above UIPRN w | as disconnected. | | | | |
| Reasons: (g) | | | | | |
| | | | | | |
| Part B filled out by the Reg | istrar to be returned | d to Applicant | | | |
| The below UIPRN was assig (b) 979 [x] | ned: | Transmittal date: (a) | | | |
| The below UIPRN was disco | nnected: | | | | |
| (b) 979 [x] | - — — — — — | | | | |
| | | | | | |
| | | | | | |
| Si | gnature: (Applicant/R | Registrar) | | | |

APPENDIX I

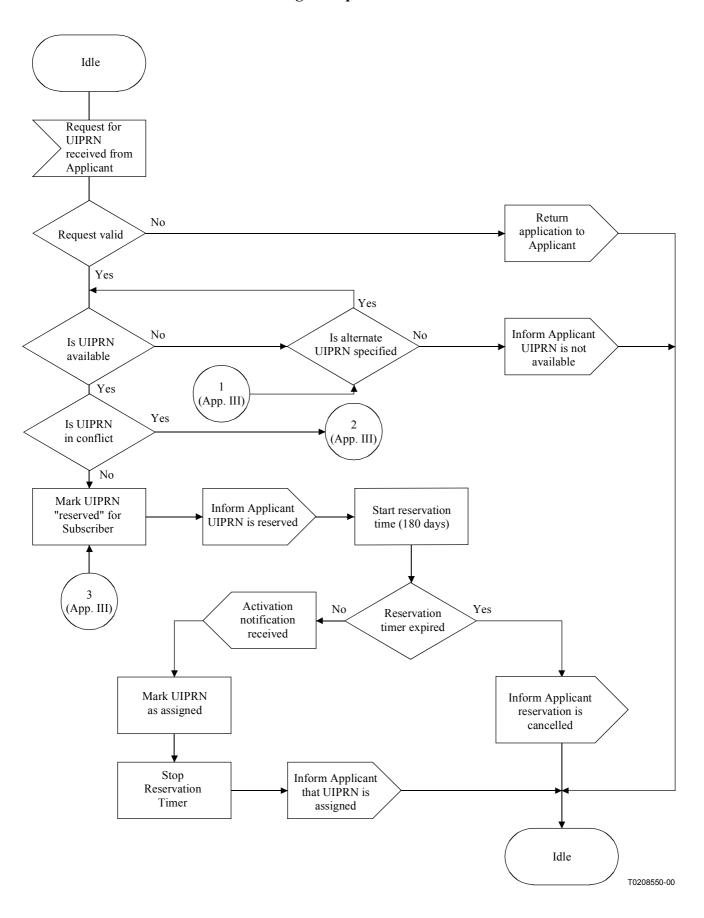
Applicant procedure



The text within this ITU-T Recommendation will take precedence over the flow diagrams in this appendix and in Appendices II and III if any discrepancies are identified.

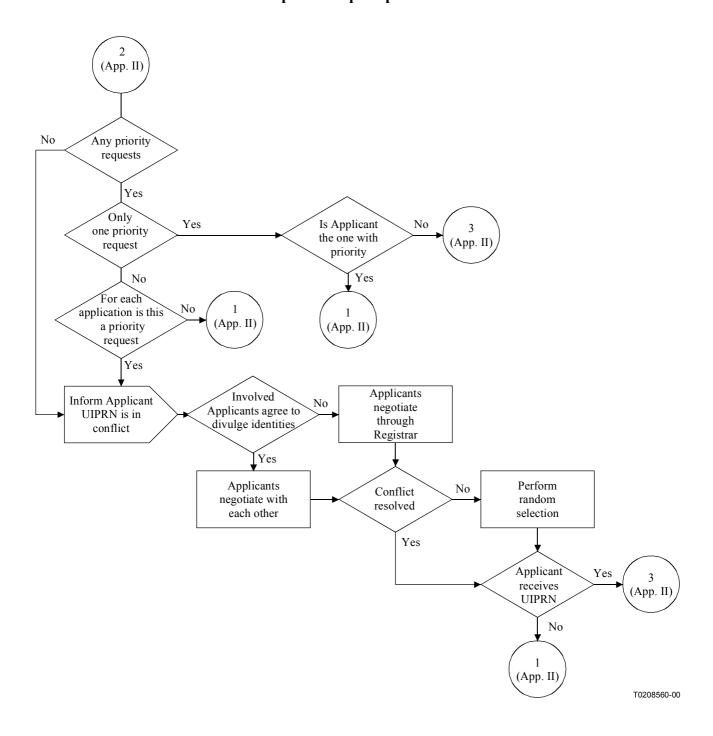
APPENDIX II

Registrar procedure



APPENDIX III

Duplicate request procedure



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 | 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 |
| | |