International Telecommunication Union

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

International operation – Numbering plan of the
international telephone service

ITU-T E.164 numbering resources for trials

Recommendation ITU-T E.164.2

International
Telecommunication
Union

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

Recommendation ITU-T E.164.2

ITU-T E.164 numbering resources for trials

Summary

Recommendation ITU-T E.164.2 contains the criteria and procedures for an applicant to be temporarily assigned a three-digit identification code within the shared ITU-T E.164 country code 991 for the purpose of conducting an international non-commercial trial. The purpose of the trial will be to determine the viability of a proposed new international public correspondence service.

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* To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11 830-en.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). 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.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

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Introduction

ITU has determined that a shared ITU-T E.164 Country Code (i.e., 991) is allocated to enable the conduct of trials of potential new international public correspondence services. Furthermore, it has been determined that three-digit Trial Identification Codes (TICs) will be temporarily assigned to successful applicants for the duration of their specified trial activity. This Recommendation defines the use and limitations of such a resource as well as the criteria and procedures for the temporary assignment and reclamation of TICs.

Recommendation ITU-T E.164.2

ITU-T E.164 numbering resources for trials

1　Scope

This Recommendation contains the criteria and procedures for an applicant to be temporarily assigned a three-digit identification code within the shared ITU-T E.164 country code 991 for the purpose of conducting an international non-commercial trial. The purpose of the trial will be to determine the viability of a proposed new international public correspondence service.

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; 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. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ITU-T E.164]　　Recommendation ITU-T E.164 (2010), *The international public telecommunication numbering plan*.

[ITU-T E.164.1]　Recommendation ITU-T E.164.1 (2008), *Criteria and procedures for the reservation, assignment, and reclamation of E.164 country codes and associated identification codes (ICs).*

3　Definitions

3.1　Terms defined elsewhere

None.

3.2　Terms defined in this Recommendation

This Recommendation defines the following terms:

3.2.1　trial: The temporary implementation of a proposed new international service implemented in more than one country, for the purpose of determining its technical, operational and business viability.

3.2.2　non-commercial trial: The service provided in the trial accessible to a limited set of users, and is not intended for commercial offerings, and may incur a charge to the users.

4　Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

CC　　　　Shared ITU-T E.164 Country Code 991

IC　　　　Identification Code

ITU-T　　International Telecommunication Union – Telecommunication Standardization Sector

SN　　　　Subscriber Number

TIC　　　3-digit Trial Identification Code

TSB　　　Telecommunication Standardization Bureau

5 Conventions

None.

6 General

6.1 Format of ITU-T E.164 resources

The format of the ITU-T E.164 resources to be assigned for the purpose of an international trial is:

CC TIC SN where:

CC = Shared ITU-T E.164 country code 991.

TIC = 3-digit trial identification code, in the format XXX, where X = 0 to 9.

SN = Subscriber number assigned by the applicant, maximum 9-digit length.

6.2 Assignment of TIC

Country code 991 has been allocated as the shared country code for this purpose. Successful resource applicants will be assigned a 3-digit TIC following the shared country code 991 for its use during the trial period. The trial functionality of the TIC shall be determined by the assignee.

6.3 Temporary resource assignment

The temporary resource assignment will be for a one-year period from the start date of the trial. Prior to the end of the one-year trial period, the applicant may send a request in writing to ITU Telecommunication Standardization Bureau (TSB) and be automatically granted a one-year extension. At the end of the trial the CC+TIC combination shall be reclaimed by ITU TSB for reassignment.

6.4 Reclamation of an assigned CC+TIC

The ITU TSB may reclaim an assigned CC+TIC, prior to completion of the trial, if it is determined that any of the assignment criteria in clause 7 are not being adhered to by the resource assignee.

6.5 Criteria and procedures for reservation

The criteria and procedures for the reservation, assignment and reclamation of ITU-T E.164 country codes and associated Identification Codes (IC) are defined in [ITU-T E.164.1].

7 Criteria for the temporary assignment of a trial CC+TIC

Throughout clauses 7.1 to 8.5, when using the term "applicant", it is assumed that the applicant is either an operator or is a group of operators. However, it should be noted that many national numbering plan administrators require that any such applicant correspond with the ITU TSB only via that national numbering plan administrator. It should be recognized that it may be a national numbering plan administrator presenting an application on behalf of an applicant rather than the applicant making a direct approach to the Director of TSB.

7.1 Application requirements

The following are requirements that an applicant must fulfil:

a)   An applicant must be a Member State or a Sector Member of the ITU or an Associate Member of the relevant ITU-T Study Group and must maintain its membership as long as it has reserved or is assigned the requested resource.

b)   Affirm that it has overall responsibility for the management, operation, and maintenance of the network that would utilize the requested numbering resource. It is a national matter whether requests for codes require national administration review or approval.

c)   Affirm that the requested resource would not be utilized for provisioning a service substantially similar to an ITU-T-approved global service for which a country code has already been reserved or assigned.

d)   Affirm that the country code and associated identification code (IC) will not be used for carrier selection, i.e., followed by an existing international public telecommunication number; CC + N(S)N, CC + GSN, CC + IC + SN.

7.2   Conditions related to resource application

In its resource application to TSB, the applicant must affirm that:

a)   The CC+TIC will be used to test a proposed new public correspondence service.

b)   The applicant's use of the CC+TIC will conform to all applicable National Regulations, including receiving approval from the appropriate authority if necessary, in the countries in which the trial is being conducted.

c)   The CC+TIC will be for a non-commercial international trial between two or more countries that do not belong to the same integrated numbering plan.

d)   The applicant will discontinue the use of the CC+TIC and will return it to TSB at the end of the temporary assignment period.

e)   The applicant and the entities participating in the trial will not promote the trial CC+TIC per se, but they may promote the service subject to the trial.

7.3   Product to be tested

The applicant must provide a description of the service/capability to be tested during the trial. This information will be treated as proprietary by TSB.

7.4   Trial start date

Applicants are required to provide their proposed start date for the trial. The trial start date must be within six months of the application date.

7.5   Service providers

The applicant shall identify all service providers to participate in the trial.

8   Procedures for temporary assignment

8.1   Submission of application

The resource applicant is required to submit a written application affirming that it conforms to each of the assignment criteria contained in clause 7.

8.2   Review of application

ITU TSB will review the application for criteria compliance and provide a written response to the applicant within ten business days indicating the results of the application or a request for additional information.

8.2.1   Assignment of resource

If the resource is assigned, the written response will contain the specific resource assigned and a reiteration of the conditions under which it is assigned, including the specific reclamation date, in

accordance with this Recommendation. The assigned resource will be the next available resource in sequence – no request for a specific TIC will be accommodated.

8.2.2 Denial of resource

If the resource is denied, a written explanation will be provided.

8.2.2.1 Resubmission of application

ITU TSB will afford the applicant an opportunity to resubmit a revised application that addresses the deficiencies contained in the denial correspondence.

8.2.2.2 Appeal process

If the applicant feels that the denial is unjustified, an appeal may be submitted to the appropriate ITU-T Study Group for consideration.

8.3 Extension of trial period

Prior to the end of the initial one-year trial period, the applicant may request, in writing to the ITU TSB, and be automatically granted a one-year extension of the assignment. The request need not contain a reason for the extension, but the extension must be for the same trial for which the temporary resource was originally assigned.

8.4 Reclaiming resource after expiration of trial period

At the end of the trial period (either one or two years from initial assignment, depending if an extension was granted), the ITU TSB will reclaim the assigned resource and will notify the assignee in writing two months in advance of the imminent reclamation date. No action is required by the assignee other than the termination of the use of the resource.

8.5 Reassignment of CC+TIC

A reclaimed CC+TIC may be reassigned after a 12-month idle period. At the end of the idle period, the reclaimed CC+TIC will become the next resource in sequence for assignment. The reclaimed resource, or any other CC+TIC, may not be assigned or reassigned to the previous assignee (or trial co-participants) for the continuing/additional trial of the same service for which it was previously assigned.

Bibliography

[b-ITU-T E.212]   Recommendation ITU-T E.212 (2016), *The international identification plan for public networks and subscriptions.*

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