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Amendment 1

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

International operation – Maritime mobile service and public land mobile service

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Management of the allocation of terrestrial trunk radio Mobile Country Codes

Amendment 1: Annex B: Criteria and procedures for the assignment and reclamation of shared ITU-T E.218 terrestrial trunk radio access mobile country codes ((T)MCC) for networks and their respective terrestrial trunk radio access mobile network codes ((T)MNCs)

Recommendation ITU-T E.218 (2004) – Amendment 1

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Annex B: Criteria and procedures for the assignment and reclamation of shared ITU-T E.218 terrestrial trunk radio access mobile country codes ((T)MCC) for networks and their respective terrestrial trunk radio access mobile network codes ((T)MNCs)

Summary

Annex B to Recommendation ITU-T E.218 specifies the administration of global terrestrial trunk radio access mobile network codes by the ITU-T by detailing the scope of the resource covered by the annex. The annex also specifies the principles used for assignment, the criteria for assignment (against which applications for assignment of a global terrestrial trunk radio access mobile network codes will be assessed), the process for considering the application, and the circumstances under which a terrestrial trunk radio access mobile network code would be reclaimed.

History

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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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Annex B: Criteria and procedures for the assignment and reclamation of shared ITU-T E.218 terrestrial trunk radio access mobile country codes ((T)MCC) for networks and their respective terrestrial trunk radio access mobile network codes ((T)MNCs)

1) *Add the following Annex B after annex A*:

Annex B
Criteria and procedures for the assignment and reclamation of shared ITU-T E.218 terrestrial trunk radio access mobile country codes ((T)MCC) for networks and their respective terrestrial trunk radio access mobile network codes ((T)MNCs)

(This annex forms an integral part of this Recommendation.)

B.1 Introduction

The Director of the ITU Telecommunication Standardization Bureau (TSB) assigns and reclaims ITU-T E.218 mobile country codes ((T)MCCs) for countries and shared (T)MCCs for networks according to this Recommendation. The Director of TSB is also responsible for the assignment and reclamation of mobile network codes ((T)MNCs) for shared (T)MCCs for networks. Mobile subscription identification numbers (MSINs) are administered by the (T)MNC assignee.

B.2 Scope

This annex is intended to provide advice to the Director of TSB on how to assign (T)MNCs under shared (T)MCCs for networks. It describes the procedures and criteria to be utilized by the Director of TSB for the assignment and reclamation of mobile network codes ((T)MNCs) associated with shared (T)MCCs for networks.

B.3 Principles for assignment

B.3.1 In accordance with this Recommendation, the shared (T)MCC resources assigned to networks shall consist of a 3-digit shared (T)MCC for networks followed by a 4-digit (T)MNC.

B.3.2 For a specific shared (T)MCC for networks, the length of all (T)MNCs within that (T)MCC shall be the same.

B.3.3 Both the shared (T)MCC(s) for networks, and the specific (T)MNC(s) associated with a shared (T)MCC for networks, will be assigned by the Director of TSB.

B.3.4 Subsequent shared (T)MCCs for networks and/or (T)MNCs that are part of shared (T)MCCs for networks can be assigned by the Director of TSB in the event of exhaustion or another substantiated reason.

B.4 Criteria for assignment

Throughout clauses B.4.1 to B.9.4, when using the term "applicant", it is assumed that the applicant has the approval from the Administrations of those countries in which the applicant seeks to operate a terrestrial trunk radio access network. However, it should be noted that many national numbering plan administrators require that applicants correspond with the ITU-TSB only via that national numbering plan administrator. It should also 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.

B.4.1 The 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.4.2 The Director of TSB receives a written request from an applicant for assignment.

B.4.3 The applicant requesting the numbering resource must affirm that it has overall responsibility, or a contract with the entity that has overall responsibility, for the management, operation, and maintenance of the network that will utilize the requested resource.

B.4.4 It is a national matter whether requests for codes require national numbering plan administrator review or approval. The applicant shall certify that it has met all of the legal and/or regulatory requirements of the relevant countries in which it will operate for submission of the application.

B.4.5 The applicant must also affirm that all national, regulatory and legal requirements of the countries in which the applicant's network will operate and provide service are met at the time of network implementation.

B.4.7 The applicant must demonstrate that the network infrastructure it intends to use will contain connecting physical nodes in two or more countries. In the case of satellite terminals, serving mobile terminals in two or more countries will satisfy this requirement.

B.4.8 The applicant is required to state the planned date of implementation in at least two countries, or in geographical areas in two different countries.

B.4.9 The applicant will affirm that the requested resources will be used for offering telecommunication services for implementation in two or more countries within a maximum of one year from the date of assignment.

B.4.10 The applicant must demonstrate that the use of a (T)MNC under a shared (T)MCC for networks is an appropriate, efficient and effective method to identify terminals or users of the network for routing, addressing or billing purposes. The applicant must attach substantiating documentation justifying this fact.

B.4.11 The applicant must demonstrate that other reasonable technical and operational alternatives (e.g., use of national resources) are not appropriate. The applicant must attach substantiating documentation justifying this fact.

B.4.12 The applicant may apply for a subsequent (T)MNC under the following circumstances:

- The current assignment is approaching exhaustion;
- The applicant can demonstrate that the resource will be utilized by a distinct shared network and such a request will be treated as a new application;
- Other substantiated reasons with proper justification.

B.4.13 Additional assignments of (T)MNCs will be based on confirmation that the existing resource is being used in an efficient manner (e.g., that the format and length of the numbering plan is appropriate). The applicant must provide substantiated information that the resource is approaching exhaustion. The terms and conditions of the original assignment must be met.

B.4.14 The applicant will annually certify that the resource which has been assigned to it continues to be in operation and will also reaffirm its prime contact details through the submission of a status notification to the Director of TSB.

B.5 Assignment

B.5.1 Requests for the assignment of a shared (T)MCC+(T)MNC to a network will be addressed in writing to the Director of TSB. The written request should be submitted on official company letterhead and signed by an appropriate company representative. The signature of the appropriate company representative affirms that, in the applicant's view, all the criteria are met. This written request shall include:

a) A planned code activation date in order to determine the relevant urgency of the request;

b) Sufficient information so that the request can be analysed to satisfy the criteria given in clause B.4 (e.g., provide evidence that criteria will be complied with by the activation date, planned network architecture and call flows);

c) Evidence of payment of any applicable fee.

B.5.2 In making decisions, the Director of TSB consults with the appropriate ITU-T Study Group, if necessary.

B.5.3 Provided the criteria in clause B.4 are met, an applicant's request for assignment of a (T)MNC under a shared (T)MCC for networks will be granted by the Director of TSB and, if necessary, in consultation with the relevant ITU-T Study Group.

B.5.4 Within a given shared (T)MCC for networks, applicants will receive (T)MNCs in sequential order.

B.5.5 After the assignment has been made, the Director of TSB will respond in writing to the applicant and include appropriate information for their ongoing responsibility as contained in this Recommendation and Recommendation ITU-T E.190. In addition, the assignment will be published in the appropriate media (e.g., the ITU Website (TIES) and in the Operational Bulletin).

B.5.6 An assignment can be requested for non-commercial trials or testing purposes for a period of up to two years. The code subsequently assigned can be used only for non-commercial trial and testing purposes.

B.6 Voluntary return of unused (T)MNCs

B.6.1 If an applicant or assignee determines that a (T)MNC assigned to its network is no longer required, the Director of TSB shall be notified of that fact in writing.

B.6.2 The Director of TSB will respond in writing to the applicant acknowledging the return of the (T)MNC.

B.6.3 The Director of TSB shall publish the date of the return of the (T)MNC in the appropriate media (e.g., ITU website (TIES) and in the Operational Bulletin).

B.6.4 The returned (T)MNC(s) should not be reassigned for a period of two years.

B.6.5 At the end of the two-year period, the Director of TSB will return a code to spare status.

B.7 Criteria for reclamation

The assigned (T)MNC is subject to reclamation if any of the following occurs:

- The assigned (T)MNC is not implemented;
- The network no longer satisfies the assignment criteria;
- The network is not operational between at least two countries; or

- The (T)MNC is not in use for a period of two years.

B.8 Reclamation

B.8.1 If a shared (T)MCC+(T)MNC for networks meets the reclamation criteria provided in clause B.7, the Director of TSB will notify the assignee in writing that the code is subject to reclamation.

B.8.2 At the time of reclamation of an assigned (T)MNC code under a shared (T)MCC for networks, the Director of TSB shall publish the date of (T)MNC reclamation via the appropriate media (e.g., ITU website (TIES), and in the Operational Bulletin).

B.8.3 The returned (T)MNCs should not be reassigned for a period of two years from the date of reclamation.

B.8.4 At the end of the two-year period, the Director of TSB will return a code to spare status.

B.8.5 A code is to be reclaimed if the applicant has not certified on an annual basis that the code is being used in accordance with the reservation or assignment request or has not also provided the applicant's prime contact details and an affirmation that the applicant is a Member State, a Sector Member or an Associate Member of the relevant ITU-T Study Group.

B.9 Reconsideration process

An applicant for a (T)MNC associated with a shared (T)MCC for networks who has been denied an assignment can request a reconsideration of the denial to the Director of TSB in the manner outlined in clauses B.9.1 to B.9.4. The reconsideration should include a presentation by the applicant to the relevant ITU-T Study Group.

B.9.1 In response to a letter of denial from the Director of TSB, the applicant can submit a supplement to its original application that responds to the reason(s) for denial contained in the letter. The applicant should submit its request for reconsideration, in writing, to the Director of TSB. To be considered by the Director of TSB, the response must include new or clarifying information. The submission should present the position of the applicant regarding the application and its denial, including its justification for this reconsideration. The applicant must attach to the submission a copy of the original application, the supplement to it, and the letter of denial from the Director of TSB. The applicant may also present the reconsideration at the Study Group meeting. If the reconsideration is to be presented to the relevant ITU-T Study Group, it should be submitted at least two months prior to the ITU-T Study Group meeting.

B.9.2 The Director of TSB will consult with the relevant ITU-T Study Group and/or its delegated representatives. The relevant ITU-T Study Group and/or its delegated representatives will then provide advice to the Director of TSB regarding the amended application and the contents of the submitted supplement to the original application.

B.9.3 If the Director of TSB determines that, based on the new information, the reservation or assignment should be made, the applicant will be so informed as per the procedures in clause B.5.5.

B.9.4 If the Director of TSB determines that the application is still to be denied after proper consultation with the concerned Study Group, the applicant will be so informed and the reason(s) for the denial will be provided.

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