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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

The international identification plan for mobile
terminals and mobile users

**Amendment 1: New Annex A: Criteria and
procedures for the assignment and reclamation
of shared E.212 mobile country codes (MCC)
and their respective mobile network codes
(MNCs)**

ITU-T Recommendation E.212 (1998) – Amendment 1

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ITU-T Recommendation E.212

The international identification plan for mobile terminals and mobile users

Amendment 1

New Annex A: Criteria and procedures for the assignment and reclamation of shared E.212 mobile country codes (MCC) and their respective mobile network codes (MNCs)

Source

Amendment 1 to ITU-T Recommendation E.212 (1998) was prepared by ITU-T Study Group 2 (2001-2004) and approved under the WTSA Resolution 1 procedure on 2 May 2003.

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.

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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.

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ITU-T Recommendation E.212

The international identification plan for mobile terminals and mobile users

Amendment 1

New Annex A: Criteria and procedures for the assignment and reclamation of shared E.212 mobile country codes (MCC) and their respective mobile network codes (MNCs)

A.1 Introduction

The ITU-TSB assigns and reclaims E.212 Mobile Country Codes (MCCs) for countries and shared MCCs for Networks according to ITU-T Rec. E.212. The ITU-TSB is also responsible for the assignment and reclamation of Mobile Network Codes (MNCs) for shared MCCs. Mobile Subscriber Identification Numbers (MSINs) are administered by the MNC assignee.

A.2 Scope

This annex (Annex A/E.212) is intended to provide advice to the ITU-TSB on how to allocate MNCs under shared MCCs. It describes the procedures and criteria to be utilized by the TSB for the assignment and reclamation of Mobile Network Codes (MNCs) associated with shared MCCs.

A.3 Principles for assignment

A.3.1 In accordance with ITU-T Rec. E.212, the shared MCC resources assigned to Networks shall consist of a 3-digit shared MCC followed by a 2- or 3-digit MNC.

A.3.2 For a specific shared MCC, the length of all MNCs within that MCC shall be the same.

A.3.3 Both the shared MCC(s), and the specific MNC(s) associated with a shared MCC for allocation to Networks, will be assigned by the Director of the ITU-TSB.

A.3.4 Subsequent shared MCCs and/or MNCs that are part of shared MCCs can be assigned by the Director of ITU-TSB in the event of exhaust or another substantiated reason.

A.4 Criteria for assignment

Throughout the following clauses, when using the term "applicant", it is assumed that the applicant is either a Network operator or is a group of Network operators. However, it should be noted that many National Administrations require that any such applicant correspond with the ITU-T only via that National Administration. It should be recognized that it may be a National Administration presenting an application on behalf of an applicant rather than the applicant making a direct approach to the Director ITU-TSB.

A.4.1 The applicant must either be a sector member of the ITU-T or be a Recognized Operating Agency (ROA) according to the Constitution and the Convention of the ITU. ROAs that are not ITU-T sector members are subject to a fee. The details of the fee will be determined by the appropriate ITU body.

A.4.2 The Director of the ITU-TSB receives a written request from an applicant for assignment.

A.4.3 The applicant requesting the numbering resource must affirm that it has overall responsibility for the management, operation, and maintenance of the Network that will utilize the requested resource.

A.4.4 It is a national matter whether requests for codes require national Administration review or approval. The applicant shall certify that they have met all of their country's national, legal and/or regulatory requirements for submission of the application.

A.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.

A.4.6 If an applicant has been granted a shared E.164 country code resource per E.164.1 for the Network cited in the application, it can be assumed that they have fulfilled the following criteria for assignment (see A.4.1, A.4.3 and A.4.7). The applicant must certify that they continue to meet these criteria. However, if the application is for a Network that is not associated with a shared E.164 country code resource, all of the criteria must be addressed.

A.4.7 The applicant must demonstrate that its international network infrastructure 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.

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

A.4.9 The applicant will affirm that the requested resources will be used for offering public correspondence services between two or more countries within a maximum of 1 year from the date of assignment.

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

A.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.

A.4.12 The applicant may apply for a subsequent 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. Such a request will be treated as a new application;
- Other substantiated reasons with proper justification.

A.4.13 Additional assignments of 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.

A.5 Assignment

A.5.1 Requests for the assignment of a shared MCC + MNC to a Network will be addressed in writing to the Director of the ITU-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 analyzed to satisfy the criteria given in clause A.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.

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

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

A.5.4 Within a given shared MCC, applicants will receive MNCs in sequential order.

A.5.5 After the assignment has been made, the Director of the ITU-TSB will respond in writing to the applicant and include appropriate information for their ongoing responsibility as contained in ITU-T Recs E.212 and E.190. In addition, the assignment will be published in the appropriate media (e.g., the ITU Website (TIES)) and in the Operational Bulletin.

A.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.

A.6 Voluntary return of unused MNCs

A.6.1 If an applicant or assignee determines that a MNC assigned to their Network is no longer required, the Director of ITU-TSB shall be notified of that fact in writing.

A.6.2 The Director of the ITU-TSB will respond in writing to the applicant acknowledging the return of the MNC.

A.6.3 The Director of the ITU-TSB is to publish the date of the return of the MNC in the appropriate media (e.g., ITU website (TIES)) and in the Operational Bulletin.

A.6.4 The returned MNC(s) should not be reassigned for a period of 2 years.

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

A.7 Criteria for reclamation

A.7.1 The assigned MNC is subject to reclamation if any of the following occurs:

- The assigned MNC is not implemented;
- The Network no longer satisfies the assignment criteria;
- The Network is not operational between at least two countries; or,
- The MNC is not in use for a period of 2 years.

A.8 Reclamation

A.8.1 If a shared MCC+MNC meets the reclamation criteria provided in A.7.1, the Director of the ITU-TSB will notify the assignee in writing that the code is subject to reclamation.

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

A.8.3 The returned MNCs should not be reassigned for a period of 2 years from the date of reclamation.

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

A.9 Appeals process

An applicant for a MNC associated with a shared MCC who has been denied an assignment can appeal the denial to the Director of the ITU-TSB in the following manner. The appeal could include a presentation by the applicant to Study Group 2.

A.9.1 In response to a letter of denial from the Director of the ITU-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 appeal, in writing, to the Director of the ITU-TSB. In order to be considered by the Director of the ITU-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 appeal. 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 the ITU-TSB. The applicant may also present the appeal at the Study Group meeting. If the appeal is to be presented to Study Group 2 it should be submitted at least two months prior to the ITU-T Study Group meeting.

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

A.9.3 If the Director of the ITU-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 A.5.5.

A.9.4 If the Director of the ITU-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.

A.10 Annex history

SG2, May 02 – Geneva	Version 0
SG2/Q1, Rapporteur's Meeting – September 02 – Copenhagen	Version 1
SG2, December 02 – Geneva	Version 2
SG2, May 03 – Geneva	Version 3

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