International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

E.212
Amendment 3
(06/2011)

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 public
networks and subscriptions

**Amendment 3: Revised Annex E – The use of an
MCC+MNC in a country other than the country
to which the MCC has been assigned by the
Director of TSB**

Recommendation ITU-T E.212 (2008) – Amendment 3

ITU-T E-SERIES RECOMMENDATIONS

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

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

Recommendation ITU-T E.212

The international identification plan for public networks and subscriptions

Amendment 3

Revised Annex E – The use of an MCC+MNC in a country other than the country to which the MCC has been assigned by the Director of TSB

Summary

Revised Annex E of Recommendation ITU-T E.212 illustrates uses of ITU-T E.212 resources.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T E.212	1984-10-19	
2.0	ITU-T E.212	1988-11-25	
3.0	ITU-T E.212	1998-11-13	2
3.1	ITU-T E.212 (1998) Amd. 1	2003-05-02	2
4.0	ITU-T E.212	2004-05-28	2
4.1	ITU-T E.212 (2004) Amd. 1	2007-02-08	2
5.0	ITU-T E.212	2008-05-15	2
5.1	ITU-T E.212 (2008) Amd. 1	2008-09-23	2
5.2	ITU-T E.212 (2008) Amd. 2	2010-11-18	2
5.3	ITU-T E.212 (2008) Amd. 3	2011-06-10	2

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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Revised Annex E – The use of an MCC+MNC in a country other than the country to which the MCC has been assigned by the Director of TSB

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

E.1   Introduction

Extra-territorial use of an MCC+MNC is the term used to describe the situation where an MCC+MNC that has been assigned to an operator in one country, Country A, is used in another country, Country B, through a base station established in Country B. Extra-territorial use does not include situations where a subscriber in one country receives services from a base station in another country, nor does it address roaming issues.

The extra-territorial use of an MCC+MNC:

•   should not negatively impact services being provided by any other operators,

•   is on an exceptional basis and is subject to this annex,

•   is not intended to include situations where a subscriber in one country receives service from a base station located in another country (e.g., cross-border coverage leakage), or roaming,

•   must comply with all national regulations of each of the Administrations.

The operator using an MCC+MNC extra-territorially must provide unique and unambiguous information to its roaming partners in order to allow them to identify the location of their subscribers. The extra-territorial use of an MCC+MNC should be communicated to the international community by those Administrations which have permitted such usage.

E.2   Procedure to be followed for implementation of the extra-territorial use of an MCC+MNC

In the event that an operator wishes to implement the extra-territorial use of an MCC+MNC, it will seek the approval of the Administrations of both Country A and Country B.

The operator will apply to each of the Administrations, providing the information required by these Administrations. It is suggested that the Administrations should obtain from the operator the information they will need to complete Form A (see Appendix I), in addition to any other documentation required.

The Administrations should confer together on the extra-territorial use of the MCC+MNC. On reaching a decision, they should notify the operator that applied for extra-territorial use of the MCC+MNC, and all other PLMNs operating in either or both of Country A and Country B, accordingly.

In the event that both of the Administrations agree that an operator can use the MCC+MNC extra-territorially, then each of the Administrations will advise the Director of TSB of the following:

•   the MCC+MNC that is to be used extra-territorially;

•   the countries where an MCC+MNC is being used extra-territorially;

- the name of the operator(s) that are using an MCC+MNC extra-territorially;
- the MSIN range used by the operator in each country.

It is expected that normal roaming practices, tariffing, and other country identification mechanisms of Country B, will be followed.

Each of the Administrations will notify the Director of TSB of the extra-territorial use of an MCC+MNC by completing Form A.

The Director of TSB shall publish the extra-territorial use via the appropriate media (e.g., ITU website, Operational Bulletin).

E.3 Voluntary return of an MNC

If an operator determines that the part of an MCC+MNC resource being used extra-territorially is no longer required, then the operator will notify the National Administration of the MCC (Country A) of that fact in writing.

The National Administration of the MCC will respond in writing to the applicant acknowledging the return of that part of the MCC+MNC and, in turn, notify the Director of TSB and all PLMNs operating in either Country A or Country B, or in both.

The Director of TSB is to publish the date of the return of the part of the MCC+MNC for extra-territorial use in the appropriate media (e.g., ITU website (TIES), and in the Operational Bulletin).

E.4 Criteria for cancellation of extra-territorial use

The assigned part of the MCC+MNC is subject to cancellation by either the National Administration of Country A or of Country B if, for example, any of the following occurs:
- The assigned part of the MCC+MNC is not implemented;
- The network no longer satisfies the assignment criteria;
- The network is not operational; or
- The assigned part of the MCC+MNC is not in use for a period of two years.

E.5 Cancellation procedures

The operator will cease to use that portion of the MCC+MNC for extra-territorial use upon the request of either Country A or Country B. If either country initiates the cancellation, then it should formally notify the other country of this request. Upon notification, the countries should collaborate to cancel the authorization that has been issued to the operator for the extra-territorial use.

Upon agreement, both countries will notify the Director of TSB by completing Form B (see Appendix II). They should also notify all PLMNs operating in either Country A or Country B, or in both.

The Director of TSB shall publish the date of cancellation of the extra-territorial use via the appropriate media (e.g., ITU website (TIES), and in the Operational Bulletin).

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