**CRTC INTERCONNECTION STEERING COMMITTEE**

**TASK INFORMATION FORM**

**Date Originated:**2025-06-12**Last Date Updated:** 2025-06-13

**WORKING GROUP:** CSCN

**TASK #:**123 (Proposed) **File ID:** CNTF123A

**TASK TITLE**:  Update the *Canadian International Mobile Subscription Identity (IMSI) Guideline*

**TASK DESCRIPTION**:

Update the *Canadian International Mobile Subscription Identity (IMSI) Guideline* based on the following sub-tasks:

1. Include information related to MCC 999 being available for use in private networks
2. Include a reference to ISED, Public Safety Canada and CRTC in item 7.1 c)
3. Clarification of item 7.1 b) to remove wording that states in the licence that an MNC is authorized for an MNC assignment
4. Update URLs within the guideline

***Sub-Task Descriptions***

Sub-Task 1 – Insert a new section after section 4, informing the document consumer that MCC 999 is available for use by operators of private networks as described in ITU Recommendation E.212. Add a new appendix with excerpts from ITU Recommendation E.212 on the usage of MCC 999 in private networks.

Sub-Task 2 – Update section 7.1 c) [new section 8.1 c)] (Criteria for MNC Assignment) by including a reference to “ISED, Public Safety Canada and CRTC”.

Sub-Task 3 – Remove the phrase “that specifies that they are authorized to obtain an MNC” from item 7.1 b) [new section 8.1 b)]as ISED staff made representation that ISED does not have the authority to authorize MNC assignments. An applicant should be deemed eligible to receive an experimental MNC if they have received a developmental radio licence.

Sub-Task 4 – Update URLs within the document, including the existing URL reference of the ITU-T Recommendation E.212 to the current location and any other additional references to sites such as the CRTC or CNA where appropriate to reflect the current location of resources.

**BACKGROUND:**

Sub-Task 1

The Canadian Numbering Administrator (CNA) discovered that ITU Recommendation E.212, which deals with the assignment of Mobile Country Codes (MCC) and Mobile Network Codes (MNC) as part of an IMSI identifier, allows for the use of MCC 999 by any an operator in any country operating a private network.

The CNA is now actively asking any new or prospective MNC applicants if MCC 999 would be appropriate for their network implementations. It would also be in Canada’s best interest in preserving MNCs under our Canadian MCC of 302, to communicate this availability to operators of private networks in Canada seeking an MNC resource to use in their network directly in the IMSI Guideline.

Sub-Task 2

It has been brought to the attention of the Canadian Numbering Administrator (CNA) that a Mobile Network Code (MNC) had been assigned to a Public Safety Network (PSBN) operator that may not have met all the requirements in the *Canadian International Mobile Subscription Identity (IMSI) Guideline* (the Guideline) as it is currently written. Consequently, it was suggested that section 7.1 c) [new section 8.1 c)] of the Guideline be updated to accommodate for the emergence of local PSBNs by clarifying the organizations that can make determinations of status.

The proposed change to the Guideline was discussed during the CSCN 129 meeting held on 11 June 2024 and it was recommended that the CNA draft a TIF to be presented during a future CSCN meeting.

Sub-Task 3

During discussion between CNA staff and ISED licensing staff, ISED staff noted that ISED does not have the authority to authorise assignments of MNCs. While previous developmental licence examples may have had wording that implied they had the authority, it is not the case, and no licence shall have that wording going forward. Since the IMSI Guideline was updated to reflect these examples, it previously stated that ISED had that authority but should be removed from the guideline in section 7.1 b) [new section 8.1 b)].

The issuance of the developmental licence should deem the licence holder eligible for an experimental MNC as defined in section 7.7 g).

Sub-Task 4

The URL for the main referenced ITU-T document Recommendation E.212 has changed and requires updating. All other URLs in the guideline have been updated as appropriate.

**CRITICAL PATH:               N**

**PRIORITY:             M                                       DUE DATE:** Q1 2026

**CROSS IMPACTS:**

**WORK PLAN AND TIME-FRAMES:**

**CURRENT STATUS: (Initiation)**

**TASK SPONSOR:**

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