



COMMITTEE CORRESPONDENCE

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via electronic mail

**RE: UIM\_ID Assignment Status Advisory**

Dear CDMA Industry stakeholders,

Continuing our efforts to provide industry awareness of numbering resource status, we are sharing this advisory information with you for your constituents.

Both the User Identity Module Identifiers (UIM\_ID) and Electronic Serial Numbers (ESN) exhaust dates are critical during the migration from UIM\_ID and ESN to E-UIM\_ID and MEID respectively. The virgin ESNs available for assignment were exhausted in November of 2008 and presently the only available ESNs for assignment (some of which may also be made available for UIM\_ID derivation) are available from the exceptional ESNs as described in the [ESN Assignment Guidelines and Procedures Version 2.0, August 2008; Section 5.13.](#)

For several years the supply of available UIM\_ID codes has been in a state of near exhaust and the supply of UIM\_ID codes continues to be dependent on reclamation of codes from the ESN. The ESN Administrator, with tremendous industry support and direction, has done exceptional work in tracking

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down and verifying suitable, previously-assigned ESN ranges, from which UIM\_ID codes have been derived.

Of particular importance is the fact that the UIM\_ID Administrator has recently informed us in an e-mail to the TR-45 EUMAG dated April 17, 2009 regarding "Request for direction from EUMAG re: UIM\_ID assignments", that

"...it is apparent that suitable ESN ranges for derivation are themselves near exhaust. It is, of course, impossible to predict an exact date for the complete exhaust of UIM\_IDs though demand continues to accelerate <even> as supply dwindles.

As of April 17, 2009, there exist a large number of open applications for UIM\_ID codes that the UIM\_ID Administrator is processing in accordance with the UIM\_ID Administration Guidelines and in accordance with direction from Committee TR-45. The current supply of ESN codes suitable for UIM\_ID derivation, coupled with the currently anticipated future supply of the last of the ESN ranges suitable for UIM\_ID derivation, is not anticipated to be sufficient to cover even the current demand and it is NOT likely sufficient to cover any new applications that are submitted.

Because UIM\_IDs are reaching their end of life along with ESNs, the UIM\_ID Administrator is seeking guidance and direction from the TIA ESN/UIM/MEID Ad Hoc Group (EUMAG), and from Committee TR-45 and 3GPP2, on how to respond to those applying for UIM\_ID codes and to applications currently in process. Reclamation from Korean sources may provide some additional supply of ESNs for derivation but that effort has yet to bear fruit.

As this issue is critical, guidance and direction is sought as soon as possible. In the interim, if applications are received before guidance and direction are provided, the UIM\_ID Administrator will provide a copy of their <the UIM\_ID Administrator> request made to TR-45 EUMAG to the applicant to let them know the status of UIM\_ID code availability. "

The status of UIM\_ID assignments and the Administrator's request for direction shows that we are faced with a clear shortfall scenario. The recommended actions at this time are:

1. TR-45 will consider providing guidance to the UIM\_ID Administrator as to how and when to inform requestors of UIM\_IDs about the imminent exhaust of available UIM\_IDs.
2. The UIM\_ID Administrator will provide a copy of the April 17, 2009 UIM\_ID Administrator's email request made to TR-45 EUMAG regarding "Request for direction from EUMAG re: UIM\_ID assignments" to the UIM\_ID applicant to let them know the status of UIM\_ID code availability. TR-45 endorses this in the interim as further guidance is being sought, if applications are received before guidance and direction are provided.
3. TR-45 will continue assisting the ESN Administrator and the UIM Administrator in their efforts to research ESN MFR ID Code ranges for UIM\_ID derivation i.e., AMPS/D-AMPS-only, and/or TDMA-only etc., (no previous CDMA use). To that end, we solicit information you may have on any available ESN MFR ID Code ranges that might be prudently used for UIM\_ID derivation.
4. Meetings between the CDG, TIA numbering Administrators and TR-45/EUMAG leadership with Korean telecom sources regarding reclamation possibilities (investigation similar to those provided by the KDDI lead efforts) are scheduled the end of this month in Seoul, Korea and TR-45 will track progress.
5. TR-45 encourages CDG and CTIA to distribute an urgent Executive level bulletin urging MEID and E-UIM\_ID expedited migration and to solicit any information available regarding any prudent industry available ESN MFR ID Code ranges for UIM\_ID derivation. TIA will then post the letters from CDG and CTIA on the TIA website and also forward them to its email reflector to reach vendors who must make the transition in their products.

6. The UIM\_ID Administrator should suggest that both new first time and existing UIM\_ID applicants should apply for and use E-UIM\_ID instead of UIM\_ID where possible (similar to the procedure in use by the ESN Administration recommending MEID). This suggestion should be made in conjunction with the UIMID Administrator's notification of the critical state of UIM\_ID exhaust.

The continued expedited implementation of MEID and E-UIM\_ID on an industry-wide basis is still extremely important. MEID and E-UIM\_ID related documents and references are posted to the TIA web site at [www.tiaonline.org/standards/resources/esn](http://www.tiaonline.org/standards/resources/esn) and [www.tiaonline.org/standards/resources/meid](http://www.tiaonline.org/standards/resources/meid).

Replies may be directed to Gary Pellegrino, Chair-TR-45 EUMAG and myself. Your immediate actions as well as your continued participation and support are strongly encouraged.

Sincerely,

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