

December 2003

«Manufacturer»
«Contact_name»
«Contact_address»
«Contact_city», «Contact_state» «Contact_zipcode»

Ref: Electronic Serial Number (ESN) manufacturer code: «Mfr_code_base_10»

Dear «greeting»:

The Telecommunications Industry Association (TIA) ESN Administrator records show that your company was assigned ESN manufacturer code «mfr_code_base_10» on «Original_assignment_date».

TIA currently has the responsibility of worldwide coordination of both ESN manufacturer code assignments for Engineering Committee TR-45 standards-based cellular and Personal Communications Services (PCS) devices and User Identity Module Manufacturer ID (UIM-ID) codes for Removable UIM (R-UIM) modules that may be used in such devices. Each R-UIM can be transferred from device to device by the user.

The available supply of never used ESN manufacturer codes is limited and may be exhausted by late 2004 or 2005. The TIA TR-45 Engineering Committee has adopted a long-term solution to this depletion problem that entails replacement of the ESN with a larger identifier known as the Mobile Equipment Identifier (MEID). To extend the possible exhaust date and provide more time for manufacturers and operators to implement and support MEID, TIA has been requested to identify ESN manufacturer codes (or portions of the numbering resources under that code) that were not used at all or were not used for TR-45 standardized CDMA devices.

CDMA networks currently require devices to have different 32-bit numbers used for their ESNs or UIM-IDs when located in the same system. Currently, ESN assignments and UIM-ID number assignments should be done in such a way as to prevent devices with the same ESN/ UIM-ID 32-bit number from operating in the same CDMA system in order to avoid interference between the two devices.

The pool of unused and available ESNs is shrinking. Rather than assign unused UIM-ID manufacturer codes with the same bit-structure as unused ESNs, TIA, as the UIM Administrator, has been asked to assign UIM-ID manufacturer codes whose bit structures are identical to ESN numbers assigned prior to 1995 because those are the numbers most likely used for Analog or TDMA technologies. However, to minimize the possibility of any technical operational issues, it is believed that this should exclude ESNs (or portions of an ESN block of numbers) that were used for CDMA technology. Please note that if an ESN (or a portion of that resource) was only used with ANALOG or TDMA handsets there is NO INTERFERENCE ISSUE, and such ESNs present no technical issues if the same sequence of bits is also used as a UIM-ID.

TIA is also considering whether to make ESN manufacturer code 250, which was originally reserved for testing, available for assignment. TIA will likely reserve a smaller (14-bit) ESN range for future testing. Prior to possibly assigning manufacturer code 250 for use, TIA will determine whether the manufacturer code is currently being used for testing and the extent of such use.

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Thus,

- This correspondence is notifying you of TIA's intent to begin assigning UIM-ID manufacturer codes based on the above ESN given that its date of issuance would seem to indicate that it was **NOT** used in the manufacture and circulation of CDMA handsets. **If this is not the case**, please contact TIA (e-mail preferred) at esnreply@tiacomm.org or via fax, +1 703 907 7728. **The deadline for your response is JANUARY 15, 2004.** If TIA receives no response by this date, this will be taken to signify that you do not foresee any problem with the assignment of UIM-ID manufacturer codes using the same bit-structure as the ESN above.

- This correspondence is notifying you of TIA's intent to begin re-assigning ESN manufacturer codes based on the above ESN given the fact that its date of issuance indicates that handsets using this ESN resource are likely to be no longer in use. **If this is not the case**, or if only portions of this ESN numbering resource are available for re-assignment, please contact TIA (e-mail preferred) at esnreply@tiacomm.org or via fax, +1 703 907 7728. **The deadline for your response is JANUARY 15, 2004.** If TIA receives no response by this date, this will be taken to signify that you do not foresee any problem with the re-assignment of ESN manufacturer codes using the same bit-structure as the ESN above.

Note: If only portions of the ESN code are available for re-assignment, please indicate the range below:

- This correspondence is notifying you of TIA's intent to possibly designate manufacturer code 250 for commercial ESN assignment. In order to determine whether assignment of manufacturer code 250 is appropriate, TIA requests whether you have used or are currently using manufacturer code 250 or a portion of that code for testing. **The deadline for your response is JANUARY 15, 2004.** If TIA receives no response by this date, this will be taken to signify that you have not used or currently are not using manufacturer code 250 for testing purposes. Please contact TIA (e-mail preferred) at esnreply@tiacomm.org or via fax, +1 703 907 7728 with your response.

Sincerely,



Dan Bart
Senior Vice President, Standards and Special Projects