

3GPP2 S.R0034-0

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3RD GENERATION  
PARTNERSHIP  
PROJECT 2  
"3GPP2"

## ***User Identification Module ID Manufacturer's Code Assignment Guidelines and Procedures***

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## 1.0 PURPOSE AND SCOPE

- 1.1 These guidelines are based on the content of the ANSI TIA/EIA-41 “Family of Standards” (e.g. AMPS (*EIA/TIA-553*), CDMA (*TIA/EIA-95 and TIA/EIA/IS-2000*), and TDMA (*IS-54, IS-136*)). It is recommended that systems which are based on the ANSI TIA/EIA-41 family of standards and which are deployed outside of the United States follow these guidelines. This is to facilitate international roaming and to minimize fraud.
- 1.2 For the purpose of these assignment guidelines, the UIM\_ID is entered onto the R-UIM by the manufacturer of the R-UIM. The UIM\_ID is composed of two basic components, the R-UIM manufacturer’s code and the serial number. These guidelines specify the procedure to be followed pertaining to the acquisition, transfer, return and regulation of the UIM\_ID Manufacturer’s (MFR) Codes.
- 1.3 These assignment guidelines pertain, in one section or another, to all segments of the UIM\_ID. The UIM\_ID administrator manages all segments of the UIM\_ID, but directly administers only the UIM\_ID MFR Code segment. The remaining segment of the UIM\_ID, the Serial Number, is directly administered by the manufacturer to which the UIM\_ID MFR Code is assigned.
- 1.4 These guidelines were developed by the consensus of representatives of entities within the wireless sector of the telecommunications industry.
- 1.5 These guidelines apply globally; however, they do not supersede the regulations, procedures or requirements of any appropriate legal or regulatory authority.
- 1.6 Equipment identifiers for non TIA/EIA-41 operating modes are not addressed here. If the R-UIM card manufacturer of a multi-mode R-UIM that supports at least one “TIA/EIA-41 mode” wishes to use only a single equipment identifier, that identifier must conform to these UIM\_ID guidelines.
- 1.7 This document contains the guidelines and procedures for the assignment and use of User Identity Module IDs (UIM\_IDs) for R-UIM equipped and approved Mobile Stations.

## 2.0 REFERENCES

2.1 ANSI TIA/EIA-41, *Cellular Radiotelecommunications Intersystem Operations*; Telecommunications Industry Association.

AMPS EIA/TIA-553, *Cellular System Mobile Station - Land Station Compatibility Standard*; Telecommunications Industry Association.

CDMA TIA/EIA-95, *Mobile Station - Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System*; Telecommunications Industry Association.

TDMA TIA/EIA-136, *Cellular System Mobile Station - Land Station Compatibility Standard*; Telecommunications Industry Association.

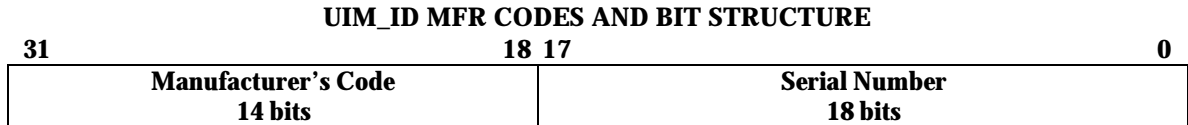
### 3.0 ASSUMPTIONS AND CONSTRAINTS

These guidelines are based on the following assumptions and constraints:

- 3.1 These guidelines and procedures should provide the greatest latitude to manufacturers of R-UIMs while permitting the effective and efficient management of a finite resource.
- 3.2 The function of the UIM\_ID administration will be performed by the UIM\_ID Administrator.
- 3.3 The guidelines and procedures for UIM\_ID assignment as set forth in this document, remain in effect until there is either industry consensus or regulatory policy direction to change them.
- 3.4 These guidelines do not describe the method by which UIM\_IDs are transmitted across and processed by networks. Network interworking arrangements are contained in other standards, documents, or business agreements.

#### 4.0 UIM\_ID FORMAT AND FUNCTION

- 4.1 The UIM\_ID is a 32-bit binary value which is assigned to the R-UIM.
- 4.2 Each UIM may be assigned a unique UIM\_ID.
- 4.3 The UIM\_ID identifies the manufacturer of the R-UIM.
- 4.4 The format of the UIM\_ID is:  
001:



In this case the UIM\_ID MFR Code is designated as the high order 14 bits while the low order 18 bits identify the unit.

- 4.8 The UIM\_ID does not specify the frequency band, air-interface technology or supported service associated with the MS.

## 5.0 ASSIGNMENT PRINCIPLES

The assignment principles are defined below.

- 5.1 UIM\_ID MFR Codes are to be assigned and used only for the R-UIM that will be used with ANSI TIA/EIA-41 family of air interface standard mobile stations. (Section 1.2).
- 5.2 UIM\_ID MFR Codes shall be assigned to permit the most effective and efficient use of a finite resource in order to maximize the existing allocated resource inventory and to defer, as long as practical, the need to request additional UIM\_ID MFR Code resources.
- 5.3 Upon application, the UIM\_ID Administrator will assign UIM\_ID MFR Code(s) for each valid R-UIM manufacturer. The number of UIM\_ID manufacturer codes assigned shall be based on Section 6. Criteria for Assignments. The maximum number of UIM\_ID manufacturer codes that may be issued on a single application shall be no greater than 64.
- 5.4 The UIM\_ID MFR Code, as part of the 32 bit UIM\_ID, shall not be simultaneously assigned to more than one manufacturer. An unused UIM\_ID MFR Code that is recovered or returned from the previous assignee may be reassigned to another manufacturer without limitation. A partially used UIM\_ID MFR Code may be reassigned to another manufacturer for use with limited serial numbers if a significant block of serial numbers associated to that UIM\_ID MFR Code remained unassigned.
- 5.5 UIM\_ID Serial Numbers are assigned by manufacturers to their produced R-UIMs. A UIM\_ID is unique to a single R-UIM card. The manufacturer will exercise due diligence in the design and manufacture of the R-UIM card to ensure that alteration of the factory set UIM\_ID is not possible outside of an authorized service center.
- 5.6 UIM\_ID MFR Codes are a global public resource. The assignment of any UIM\_ID MFR Code does not imply ownership of the resource by either the entity to which it is assigned or by the entity performing the administrative function. There shall be no monetary value assigned to UIM\_ID MFR Code.
- 5.7 Should a manufacturer transfer production of a type of R-UIM to a different manufacturer, then the use of the assigned UIM\_ID MFR Code is transferable to the new manufacturer. See *Form D – Request for Change in UIM\_ID Manufacturer’s Code Assignment Information* in Attachment 2.
- 5.8 The UIM\_ID administrator will:
  - Assign UIM\_ID MFR Codes in a fair, timely and impartial manner to any applicant that meets the criteria for assignment (Section 6).
  - Assign UIM\_ID MFR Codes on a first come, first served basis from the available pool of unassigned UIM\_ID MFR Codes. UIM\_ID MFR Codes will be assigned using the following procedure:
  - Make all assignments based on the procedures in these guidelines (Section 8).
  - Treat sensitive information received from applicants as proprietary and confidential, and not to be shared with non-administrator personnel. Sensitive information is defined as information that divulges billing and financial data as well as rate of production, deployment or any data revealed during an audit.
- 5.9 Information that is requested of applicants in support of a UIM\_ID MFR Code application shall be uniform and kept to a minimum.

- 5.10 An entity which is denied a UIM\_ID MFR Codes assignment under these guidelines has the right to appeal that decision (Section 13).
- 5.12 Entities applying for assignment of or assigned UIM\_ID MFR Code(s) under these assignment principles shall comply with these guidelines. Entities already assigned or using one or more UIM\_ID MFR Codes prior to the implementation of these assignment principles shall comply with these guidelines.
- 5.13 A UIM\_ID MFR Code(s) recovered or returned to the administrator for reassignment may remain dormant. If no R-UIMs have been manufactured by the previous assignee, the code(s) may be reissued. If, however, R-UIMs have been produced and sold the code(s) may be blocked from future use. . As the need for UIM\_ID MFR Codes becomes critical (i.e. only 25% of available codes remain), codes which have been partially used by a previous assignee may be re-assigned with serial number range limitations. That is, if the previous assignee had only produced a limited number of R-UIMs using a contiguous serial number range, the present assignee may use the code to produce R-UIMs with serial numbers that do not duplicate those of the previous assignee.
- 5.14 There will be an administrative fee associated with an application for a UIM\_ID MFR Code(s).
- 5.15 As required, applicants for UIM\_ID MFR Codes must comply with all applicable regulations.

## 6.0 CRITERIA FOR UIM\_ID ASSIGNMENT

The assignment criteria in this section should be considered by a potential UIM\_ID MFR Code applicant before submitting a UIM\_ID MFR Code application and will be used by the UIM\_ID administrator in reviewing and processing a UIM\_ID MFR Code application:

- 6.1 The number of codes that a applicant may receive per application should be based upon that applicant's historical usage of UIM-IDs and compliance with the UIM\_ID Guidelines.
- 6.2
- 6.2 The applicant/assignee of a UIM\_ID MFR Code(s) must have and provide evidence of authorization, if required, from the appropriate regulatory authorities to produce R-UIMs.
- 6.3A UIM\_ID MFR Code will only be assigned by the administrator upon receipt and approval of a completed *Form A – UIM\_ID Manufacturer's Code Application*.

## 7.0 RESPONSIBILITIES OF UIM\_ID MANUFACTURER'S CODE APPLICANTS AND ASSIGNEES

Entities requesting UIM\_ID MFR Code assignments shall comply with the following; and entities already assigned one or more UIM\_ID MFR Codes should comply with the following:

- 7.1 UIM\_ID MFR Code(s) applicants and assignees must meet all conditions specified in these guidelines. Copies of the guidelines may be obtained from the UIM\_ID Administrator.
- 7.2 Applicants must apply in writing to the UIM\_ID Administrator by completing *Form A - UIM\_ID MFR Codes Application*. Copies of all required forms are included in Attachment 2 to these guidelines.
- 7.3 UIM\_ID MFR Code assignees shall:
  - 7.3.1 Assign a different UIM\_ID to each R-UIM. The manufacturer shall assign the UIM\_ID within the range allocated to the manufacturer.
  - 7.3.2 Assign and efficiently manage the Serial Number associated with the assigned UIM\_ID MFR Codes. Maintain up-to-date and accurate assignment records that match UIM\_IDs of their produced UIMs. These records may be required for audit purposes (Section 10).
  - 7.3.3 Inform the UIM\_ID Administrator of changes in the information associated with a UIM\_ID MFR Code assignment by using *Form D - Request for Change in UIM\_ID Manufacturer's Code Assignment Information*. Changes may occur because of the transfer of a UIM\_ID MFR Code(s), through merger or acquisition, to a different R-UIM or R-UIM manufacturer (Section 5.7). The initial assignee of the UIM\_ID MFR Codes involved in a transfer occurring through merger, acquisition or other means must immediately inform the UIM\_ID Administrator when such a change becomes effective. Timely submission of change information enables the UIM\_ID Administrator to maintain accurate UIM\_ID MFR Code assignment records.
  - 7.3.4 Participate in the UIM\_ID audit process, when requested (Section 10).
  - 7.3.5 Inform the UIM\_ID Administrator of UIM\_ID MFR Code deployment by submitting *Form C - UIM\_ID Manufacturer's Code Deployment*.
  - 7.3.6  
Any UIM Card Manufacturer that has terminated manufacturing of UIMs shall return the *Form F - UIM\_ID Manufacturer's Code Assignment Return* within 30 days of the cessation of manufacturing.
  - 7.3.8 Return to the UIM\_ID Administrator, on an annual basis on the anniversary date of the issuance of the UIM\_ID MFR Code, a duly completed and signed *FORM G - CERTIFICATION OF COMPLIANCE WITH UIM\_ID GUIDELINES*. If no Form G is returned the UIM\_ID Administrator will contact the assignee via registered letter requesting the signed Form G. No additional codes will be assigned to the assignee until they are in compliance with this requirement.



## 8.0 RESPONSIBILITIES OF THE UIM\_ID ADMINISTRATOR

The role of the UIM\_ID Administrator is to manage the entire UIM\_ID resource and to directly administer the UIM\_ID MFR Code segment of the UIM\_ID. In this context, the UIM\_ID Administrator shall:

- 8.1 Provide to the industry general and specific information on the structure, proper use and management of UIM\_IDs for R-UIMs.
- 8.2 Provide copies of these guidelines and forms to UIM\_ID MFR Code applicants and assignees, and assist them in completing the required forms.
- 8.3 Review and process UIM\_ID MFR Code applications as follows:
  - 8.3.1 Review the application to determine if all requested information is provided and credible. If not, return the application to the applicant requesting that any deficiency be corrected.
  - 8.3.2 Inform applicants of the status of their requests using *Form B – UIM\_ID Manufacturer’s Code Application Disposition*. There are three possible dispositions: approved, denied, or additional information required. Notify the applicant in writing of the disposition within thirty days from receipt of *Form A –UIM\_ID Manufacturer’s Code Application*. The response will include:
    - If assigned, the specific UIM\_ID MFR Code(s) assigned,
    - If denied, the reasons for denial and instructions on how and where to appeal the decision,
    - If additional information is required, the specific information required.
  - 8.3.3 Request completed *Form G – Certification of Compliance with UIM\_ID Guidelines* from assignees after 30 days past the required submittal date in accordance with paragraph 7.3.8
- 8.4 Use the following UIM\_ID MFR Code assignment procedures:
  - 8.4.1 The UIM\_ID Administrator shall generally assign UIM\_ID MFR Codes in numerical sequence.
  - 8.4.2 There may be technical considerations or limitations on the part of the R-UIM manufacturer that require a specific assignment or preclude them being able to use the next consecutive UIM\_ID MFR Code assignment. These exceptions are set forth below and in the addenda (if any) to this document.

- 8.4.3 UIM\_ID MFR Code applicants eligible for multiple UIM\_ID MFR Codes may request that such codes be assigned in the next available block of numerically sequential codes (excepting those codes reserved or unavailable for assignment, pursuant to Section 8.4.2 or any subsequent addenda to these guidelines). In such cases, a separate *Form A – UIM\_ID Manufacturer’s Code Application* should be submitted for each UIM\_ID MFR Code required, along with a cover letter requesting their assignment in a sequential block.
- 8.5 Maintain accurate and current UIM\_ID MFR Code assignment records. Update the records as required to respond to requests for changes in assignment information reported by UIM\_ID MFR Code assignees (Section 7.3.2). Respond to these requests within thirty days using *Form E – Confirmation of Change of UIM\_ID Manufacturer’s Code Assignment Information*.
- 8.6 Publish, at least quarterly, via the agreed medium, a list of assigned UIM\_ID MFR Codes. The list will include the UIM\_ID MFR Code number, and the manufacturer to which the code is currently assigned, and the entity contact and number. . Track the number of UIM\_IDs assigned and the assignment rate and report this data regularly.
- 8.7 The UIM\_ID Administrator shall maintain records of the last manufactured year for a UIM\_ID MFR Code range or UIM\_ID MFR Code sub range.
- 8.9 Reclaim assigned UIM\_ID MFR Code(s) (Section 9), as needed.
- 8.10 Direct the UIM\_ID conservation program and conduct periodic audits, as required, of UIM\_ID MFR Code assignee records (Section 10).
- 8.11

The term of the UIM\_ID Administrator shall be for one (1) year from the date of appointment

9.0 UIM\_ID MANUFACTURER'S CODE RETURN AND RECLAMATION PROCEDURES

9.1 Assignee responsibilities:

Upon cessation of R-UIM manufacturing activity, assignees will return UIM\_ID MFR Code(s) that have not been used either in whole or in part.

Assignees will cooperate with the UIM\_ID Administrator in carrying out its reclamation and auditing responsibilities.

9.2 Administrator responsibilities:

During normal auditing processes, if a direct contact can not be made with the assignee, a registered letter will be sent to the assignee address of record requesting that they contact the Administrator within thirty days regarding the code(s) in question. . If the letter is returned as undelivered, the UIM\_ID Administrator will indicate in the subsequent UIM ID Administrator's report that the code will be made available for reassignment , unless (??) advised otherwise within thirty days.

9.3 UIM Administrator's responsibilities.

- Accept all referrals of alleged misuse of UIM\_ID MFR Codes.
- Investigate the referral,
- Review referrals in the context of these assignment guidelines,
- Attempt to resolve the referral, and
- Determine the action, if any, to be taken (If the action to be taken is not in conformance with the existing guidelines, the Administrator will initiate the guidelines revision process [Section 12]).

## 10.0 UIM\_ID RESOURCE CONSERVATION AND ASSIGNMENT AUDITS

10.1 Assignment and management of UIM\_ID resources are undertaken with the following conservation objectives:

- To efficiently and effectively administer/manage a limited resource through code conservation, and
- To eliminate or delay the potential for UIM\_ID exhaustion.

The process to achieve these objectives should not impede the introduction of competitive wireless services which use UIM\_IDs.

10.2 To promote the efficient and effective use of numbering resources, audits of UIM\_ID MFR Code assignments may be performed to ensure consistent compliance with these guidelines.

10.3 The UIM\_ID Administrator will track and monitor UIM\_ID MFR Code assignments and assignment procedures to ensure that all segments of the UIM\_IDs are being used in an efficient and effective manner. Ongoing administrator procedures that foster conservation shall include, but not be limited to, the following:

An active reclamation program to reclaim unused or misused UIM\_ID MFR Code,

- Strict conformance with these guidelines by those assigning UIM\_ID MFR Codes and UIM\_ID Serial Numbers,
- Appropriate and timely modifications to these guidelines to enhance text that may have allowed inefficient use of UIM\_ID MFR Codes,
- Periodic specific and random audits of assignments and assignment procedures (Section 10.4).

10.4 The UIM\_ID Administrator may initiate an audit of a UIM\_ID MFR Code assignee's assignment records. The audit may be precipitated by a complaint from outside the UIM\_ID Administrator's organization or by the UIM\_ID Administrator. The audit may be initiated if a request for a UIM\_ID MFR Code assignment is received from a manufacturer that already has a UIM\_ID MFR Code assignment. The purpose of an audit will be to verify the UIM\_ID MFR Code assignee's compliance with the provisions set forth in these guidelines. The audit will be performed by the UIM\_ID Administrator or by a neutral third party acceptable to the auditee and the UIM\_ID Administrator.

10.4.1 These audits will be conducted at the UIM\_ID MFR Code assignee's premises or at a mutually agreed to location and at a mutually agreed to time.

10.4.2 The UIM\_ID Administrator will not copy or remove the information from the premises nor will they disclose the information to non-UIM\_ID Administrator personnel.

- 10.4.3 The UIM\_ID Administrator will expect to review the following information to ensure conformance with these guidelines and the proper use of the UIM\_ID resource:
- - If a new UIM\_ID MFR Code has been requested verification that the manufacturer holds no more unassigned UIM\_ID MFR Codes that can be reasonably anticipated to be exhausted within six months at given or anticipated production rates.
  - Verification of assignment for each working UIM\_ID MFR Code,
  - Date of assignment of each working UIM\_ID MFR Code,
  - Implementation date of each working UIM\_ID MFR Code,
  - Indication of UIM\_ID Serial Number assignment to R-UIMs, and
  - Status and status date of each UIM\_ID MFR Code unavailable for assignment; i.e., UIM\_ID MFR Codes reserved, aging, pending and/or, suspended.
- 10.5 Audit results should be used to identify and recommend to the appropriate wireless industry forum specific corrective actions that may be necessary. Examples of specific corrective actions that may be proposed are as follows:
- Modifications to these assignment guidelines to reflect the specific circumstance revealed by the audit,
  - Additional training for UIM\_ID MFR Code assignees concerning the assignment guidelines,
  - Requirements for supporting documentation of future UIM\_ID MFR Code requests in non-compliant situations, or
  - Modifications to the process in which records are maintained or UIM\_ID MFR Codes are assigned.
- 10.6 Audit results with respect to UIM\_ID MFR Code assignee information and/or recommended UIM\_ID MFR Code assignee process modifications shall be treated on a proprietary and confidential basis.

## 11.0 UIM\_ID RELIEF PLANNING

11.1 When 75% of all the available UIM\_ID MFR Codes have been assigned, or assignments are exceeding 10% of the resource per year, the administrator will:

- Conduct an audit of current UIM\_ID MFR Codes assignments to ensure that efficient UIM\_ID MFR Codes utilization is in effect, and, if not,
- Recommend additional procedures to be initiated to effect more efficient UIM\_ID MFR Codes utilization, or if efficient utilization is in effect,

## 12.0 MAINTENANCE OF GUIDELINES

It may be necessary to modify the guidelines periodically to meet changing and unforeseen circumstances. The need for guidelines modification may be identified by the administrator, any entity in the wireless telecommunications sector or the appropriate wireless industry forum. When need for modification is identified by other than the 3GPP2, the identifying entity will submit the modification issue to the 3GPP2 Secretariat. The 3GPP2 Secretariat will coordinate the modification process. Questions or concerns regarding the maintenance of the guidelines may be directed to:

3GPP2 Secretariat  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201  
USA

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Phone: +1 703-907-7700

Fax: +1 703-907-7728

## 13.0 APPEALS PROCESS

Disagreements may arise between the UIM\_ID Administrator and UIM\_ID MFR Code applicants or assignees in the context of the administration and management of UIM\_ID MFR Codes and the application of these guidelines. In all cases, the UIM\_ID Administrator and UIM\_ID MFR Code applicants/assignees will make reasonable, good faith efforts to resolve such disagreements among themselves in timely manner, consistent with the guidelines, prior to pursuing any appeal. Appeals may include, but are not limited to, one or more of the following options:

- The UIM\_ID MFR Code applicant/assignee will have the opportunity to resubmit the matter to the Administrator for reconsideration with or without additional input.
- Guidelines interpretation or clarification questions may be referred to the 3GPP2 Secretariat for resolution. Unless otherwise mutually agreed to by the parties, these questions will be submitted in a generic manner protecting the identity of the appellant. Resolution of an appeal to the 3GPP2 Secretariat shall be resolved within 60 days of receipt of the appeal request.

Reports on any resolution resulting from the above options, the content of which will be mutually agreed upon by the involved parties, will be kept on file by the UIM\_ID Administrator. At minimum, the report will contain the final disposition of the appeal; e.g., whether or not a UIM\_ID MFR Code(s) was assigned.

## 14.0 GLOSSARY

*CMRS* - Commercial mobile radio service. A mobile service (or functional equivalent) that is (1) provided for profit, (2) an interconnected service, and (3) available to the public, or to such classes of eligible users as to be effectively available to a substantial portion of the public.

*Conservation* - Consideration given to the efficient and effective use of a finite resource in order to minimize the need to expand its availability while at the same time allowing the maximum flexibility in the introduction of new services, capabilities and features.

*Mobile station* - Interface equipment used to terminate the radio path at the user side. The mobile station contains an Electronic Serial Number and other identification information, either a Mobile Identification Number (MIN) or an International Mobile Station Identification (IMSI).

*Regulatory Approved Licensed two-way CMRS service provider* - Any entity that is authorized, as appropriate, by local, state, or federal regulatory authorities to provide regulatory approved two-way mobile station to the public.

*Removable User Identity Module (R-UIM)* - A smart card device that contains the subscription information.

*Serial Number* - The portion of the UIM\_ID in combination with the UIM\_ID MFR Code that uniquely identifies the R-UIM.

*UIM* - *User Identification Module which may be either a fixed module installed in the mobile equipment or an R-UIM.*

*UIM\_ID* - The 32 bit Serial Number which may identify mobile equipment equipped with a R-UIM.

*UIM\_ID Manufacturer's Code (UIM\_ID MFR Code)* - The portion of the UIM\_ID that uniquely identifies the manufacturer of a mobile station.

*UIM\_ID Manufacturer's Code assignee* - The entity to which a UIM\_ID Manufacturer's Code has been assigned for the manufacture of mobile stations.

## 15.0 Revision History

<i>Version 1.0</i>	18 April 2001 Initial Publication
<i>Version 2.0</i>	26 August 2002

## UIM\_ID MANUFACTURER'S CODE ASSIGNMENT

Manufacturer

Decimal

Binary

## UIM MANUFACTURER'S CODE APPLICATION AND RELATED FORMS PACKAGE

The forms in this package are used for communication between the UIM\_ID administrator and applicants for and assignees of these resources. Forms included in this package are:

### Form A –UIM\_ID Manufacturer's Code Application

Applicants complete, sign, and return this form to apply for a UIM\_ID Manufacturer's Code.

### Form B –UIM\_ID Manufacturer's Code Application Disposition

The administrator uses this form to notify the applicant of the outcome of their application, which may be a code assignment, denial, or a request for additional clarifying information.

### Form C –UIM\_ID Manufacturer's Code Deployment

The recipient of a UIM\_ID Manufacturer's Code assignment uses this form to notify the administrator that the assigned code has been deployed.

### Form D – Request for Change in UIM\_ID Manufacturer's Code Assignment Information

UIM\_ID Manufacturer's Code assignees use this form to notify the administrator of a change in any of the assignment information; for example, a change in the name, address, or phone number of the contact person in the company holding the UIM\_ID Manufacturer's Code. As a more complex example, this form should also be used to record the transfer of a UIM\_ID Manufacturer's Code to a new company, as might happen as a result of a merger or acquisition.

### Form E – Confirmation of Change of UIM\_ID Manufacturer's Code Assignment Information

The administrator uses this form to acknowledge a change initiated by a UIM\_ID Manufacturer's Code assignee through submission of Form D.

### Form F –UIM\_ID Manufacturer's Code Assignment Return

UIM\_ID Manufacturer's Code assignees use this form to return to the pool any UIM\_ID Manufacturer's Codes which are no longer required. This activity is carried out when assignee is no longer actively engaged in the manufacture of R-UIMs.

### Form G – Certification of Compliance with UIM\_ID Guidelines

UIM\_ID Manufacturer's Code assignee use this form to certify compliance with the UIM\_ID Guidelines and report the status of issued codes

Return completed forms to:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300

Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM A – UIM\_ID MANUFACTURER’S CODE APPLICATION – page 1 of 3**

Entity requesting assignment: .....

General description of the mobile station to be provided: .....

.....  
.....  
.....

Regulatory Agency Approval Code (if required).....

Is this request associated with a request for multiple UIM\_ID Manufacturer’s Codes, per Section 8.4.3?  YES  ?

.....  
.....

Number of UIM ID Manufacturer Codes requested:

.....

Do special considerations apply, per section 8.4.2 or an addendum?

YES  NO

If YES, please specify the special consideration needed

.....  
.....

**FORM A –UIM\_ID MANUFACTURER’S CODE APPLICATION page2 of 3**

Where the UIM\_ID resides with other memory, the encoding technique shall include multiplication or division by a polynomial, cyclical coding, or the spreading of UIM\_ID bits over non-sequential memory locations.

Contact name: .....

Company: .....

Address: .....

Room: .....

City, State, ZIP: .....

Phone: ..... Fax: ..... E-mail: .....

---

Signature below indicates that the applicant:

- Certifies the accuracy of the information provided in this application,
- Certifies that the service to be provided with the UIM\_ID Manufacturer’s Code for mobile sets used in public two-way CMRS,
- ?? Certifies that any required authorization has been secured from the appropriate federal, state or local regulatory bodies, and
- Understands and agrees that the use of any assigned assigned UIM\_ID Manufacturer’s Code(s) in a manner other than in conformance with the assignment guidelines may result in forfeiture.

Authorized name: .....

Authorized signature: .....

Date of application: .....

---

**FORM A – UIM\_ID MANUFACTURER’S CODE APPLICATION page3 of 3**

There is a non-refundable application fee of \$300 for the first UIM ID manufacturing code ordered and \$50 for each subsequent UIM\_ID Manufacturer Code ordered as part of the same request. Payment of the non-refundable application fee is:

? by enclosed check (made payable to “**TIA**”) or

? by credit card (mark one):           ? MasterCard

  ? Visa

  ? American Express

Credit card number \_\_\_\_\_

Expiration date \_\_\_\_\_

Signature of card holder \_\_\_\_\_

Printed name of card holder \_\_\_\_\_

Dated: \_\_\_\_\_

Return completed application forms to:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM B – UIM\_ID MANUFACTURER’S CODE APPLICATION DISPOSITION**

Your application filed ..... for assignment of a UIM\_IDManufacturer’s Code has been reviewed by the Administrator. The box checked below indicates the action taken:

---

? Your application has been approved. The UIM\_ID Manufacturer’s Code assigned for your use is:  
.....

The assignment is effective as of: .....

The information recorded for this assignment is shown below. Please notify the Administrator immediately of any errors in or changes to this information.

*(Display computer generated assignment information here.)*

---

? Your application has been denied for the following reason(s):  
.....  
.....

You are entitled to appeal this denial as specified in Section 13 of the assignment guidelines.

---

? The following additional information is needed to process your application:  
.....  
.....

---

Authorized name: .....

Authorized signature: .....

Date: .....

**FORM C – UIM\_ID MANUFACTURER’S CODE DEPLOYMENT FORM**

By submitting this form, I certify that

UIM\_ID Manufacturer’s Code: .....

Assigned to: .....

Is deployed effective (date): .....

---

Authorized name: .....

Authorized signature: .....

Date of this notification: .....

---

Return completed application forms to:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM D – REQUEST FOR CHANGE IN UIM\_ID MANUFACTURER’S CODE INFORMATION**

Effective (date): .....

The assignment information for UIM\_ID Manufacturer’s Code: ..... should be changed. The changes are described below:

Authorized name: .....

Authorized signature: .....

Date of this notification: .....

---

Return completed application forms to the:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM E – CONFIRMATION OF CHANGE IN UIM\_ID MANUFACTURER’S CODE  
ASSIGNMENT INFORMATION**

Your request dated \_\_\_\_\_ for change(s) to the assignment information for UIM\_ID  
Manufacturer’s Code \_\_\_\_\_ has been processed by the administrator and the changes have been  
made. Please verify the revised assignment information below and report any errors or discrepancies to the  
administrator.

*(Display computer generated assignment information here.)*

---

Authorized name: .....

Authorized signature: .....

Date of this notification: .....

Report discrepancies to the:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM F – UIM\_ID MANUFACTURER’S CODE ASSIGNMENT RETURN**

UIM\_ID Manufacturer’s Codes: .....thru .....

Currently held by: .....

Is/are no longer required effective (date) .....

Because assignee is no longer actively engaged in the manufacture of UIMs. The manufacturing code(s) above may be returned to the pool for assignment to another entity.

---

Authorized name: .....

Authorized signature: .....

Date of this notification: .....

---

Return completed forms to the:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728

**FORM G - CERTIFICATION OF COMPLIANCE WITH UIM\_ID GUIDELINES**

We, \_\_\_\_\_, certify that UIM\_ID Code \_\_\_\_\_, has been used in accordance  
(Assignee)

with all of the terms and provisions set forth in the UIM\_ID Guidelines as published by The Third Generation Partnership Project 2 (3GPP2) and posted on the latter's web site on the date of this certification ("UIM\_ID Guidelines"). We further specify that we have complied in specific with Sections 5, 6, and 7 of the UIM\_ID Guidelines.

We understand that failure to comply with the UIM\_ID Guidelines (including but not limited to Sections 5, 6, and 7) will result in the forfeiture of the above UIM\_ID Code(s).

Serial Numbers used thus far are in the range of \_\_\_\_\_ to \_\_\_\_\_.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Return completed Form G to:

UIM\_ID Administrator  
c/o Telecommunications Industry Association  
2500 Wilson Boulevard, Suite 300  
Arlington, VA 22201 USA  
Phone: +1 703-907-7700 Fax: +1 703-907-7728