



UTILITIES REGULATION & COMPETITION AUTHORITY

**International Mobile Subscriber Identity
(IMSI)**

Assignment Guidelines

May 2010

1.0 PURPOSE AND SCOPE

This document contains the guidelines and procedures for the assignment and use of International Mobile Subscriber Identities (IMSI) in The Bahamas.

- 1.1 The IMSI was created and formatted to provide the unique international identification of mobile terminals and mobile users and to enable these terminals and users to roam among networks which offer mobility services.
- 1.2 These assignment guidelines pertain, in one section or another, to all segments of the IMSI - Mobile Country Code (MCC), Mobile Network Code (MNC) and Mobile Station Identification Number (MSIN), in sequential order. The MCC is assigned by the ITU to member countries. The IMSI administrator (URCA), participates in the management of all segments of the IMSI, but directly administers only the MNC segment. MNCs are assignable to operators of public networks offering mobility services with international roaming capabilities. The MNC uniquely identifies the home network of a mobility service subscriber. The remaining segment of the IMSI, the Mobile Station Identification Number (MSIN), is directly administered by the network operator to which the MNC is assigned.
- 1.3 These guidelines apply throughout The Bahamas and do not supersede the regulations, procedures or requirements of URCA or any other appropriate legal or regulatory authority.
- 1.4 These guidelines are based on the content of International Telecommunications Union - Telecommunications (ITU-T) Recommendation E.212, *The International Identification Plan For Mobile Terminals and Mobile Users*. This Recommendation was revised in 2002. The content of this document is in conformance with that iteration of the Recommendation.

2.0 REFERENCES

- 2.1 ITU-T Recommendation E.212, *The International Identification Plan For Mobile Terminals and Mobile users*.

3.0 IMSI FORMAT AND FUNCTION

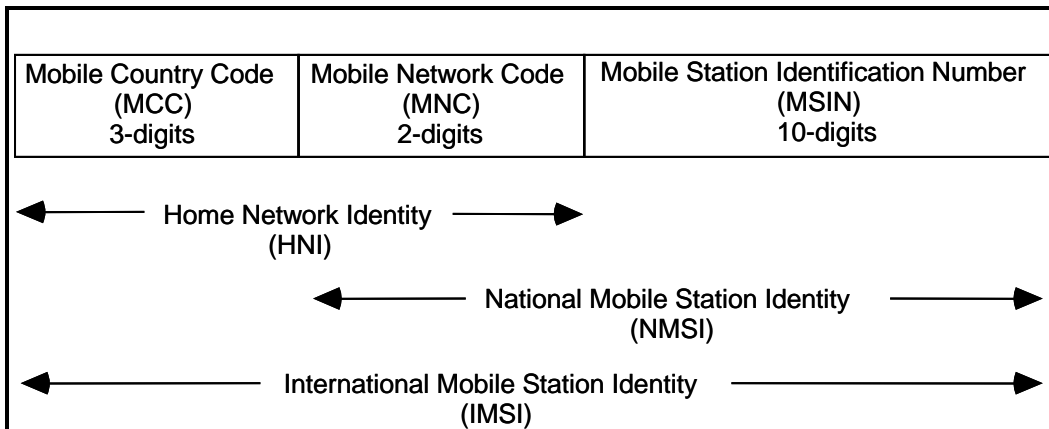
- 3.1 The IMSI format and function are based on ITU-T Recommendation E.212.

- 3.2 Each IMSI uniquely identifies the mobile terminal/user, the home network of the mobile terminal/user, and the home country of the network and of the mobile terminal/user.
- 3.3 The IMSI enables mobile terminals/users to roam among networks, domestically and internationally, by providing a uniform and unique home network and mobile terminal/user identification that is recognizable by all conforming networks. When transmitted between visited and home networks, the IMSI enables the exchange of subscription and billing information for the visiting mobile station.

Specifically, the IMSI is used for:

- Determination of the mobile terminal's/user's home wireless network,
- Mobile terminal/user identification when information about a specific mobile terminal/user is to be exchanged between visited and home networks,
- Mobile station identification on the radio control path for registering a mobile station in a visited wireless network,
- Mobile station identification for signaling on the radio control path,
- Identification of the mobile terminal/user to allow for charging and billing of visiting mobile terminals/users, and
- Subscription management, i.e., retrieving, providing, changing, and updating subscription data for a specific mobile terminal/user.

3.4 The format of the IMSI in the Bahamas is:



3.5 The IMSI format in The Bahamas is a fixed 15-digit length -- the maximum allowable by Recommendation E.212. Each IMSI contains an MCC, an MNC, and an MSIN. The MNC is the segment of the IMSI

directly administered by URCA. MSINs are administered directly by the network operator to which the MNC is assigned.

- 3.6 The function of the MCC is to identify the domiciliary country of a mobile terminal/user. By analyzing the MCC, a visited network can determine the country from which the mobile terminal/user originated and in which its home network resides.

According to Recommendation E.212, an MCC is three digits in length and is in the format NXX, where N equals any of the decimal digits 2-9, and X equals any of the decimal digits 0-9. MCCs are assigned by the ITU in response to formal requests from recognized national administrations of ITU-member countries. The MCC currently assigned to the Bahamas is “364”.

- 3.7 The function of the MNC is to identify the home network, within the country associated with the MCC, of the visiting mobile terminal/user. The visited network uses the MCC-MNC combination to identify and query the home network of the visiting mobile terminal/user that is requesting service.

MNCs in The Bahamas are two digits in length and in the format XX, where X equals any of the decimal digits 0-9. The 2-digit maximum is necessary so that, when combined with the 3-digit MCC, the visited network need not analyze more than 5 digits to determine the home network of the visiting mobile terminal/user- another Recommendation E.212 requirement. This format provides a mathematical potential of one hundred MNCs (00-99) for each MCC.

- 3.8 The function of the MSIN is to uniquely identify a mobile terminal/user within its home network.

MSINs in The Bahamas are ten digits in length and in the format XXXXXXXXXX, where X equals any of the decimal digits 0-9. Recommendation E.212 limits IMSI length to a fifteen-digit maximum. Since The Bahamas IMSI format includes a five-digit MCC+MNC, a ten-digit MSIN is the maximum allowable. The ten-digit format provides ten billion MSINs per MNC or network, if no other function than mobile terminal/user identification is embedded in the MSIN.

- 3.9 The NMSI contains the MNC followed by the MSIN and is, therefore, a fixed twelve-digit length in The Bahamas. It is the national portion of the IMSI, i.e., excluding the MCC. Its length and format are, therefore, determined nationally, within the constraints of Recommendation E.212.

4.0 ASSUMPTIONS AND CONSTRAINTS

These guidelines are based on the following assumptions and constraints:

- 4.1 These guidelines and procedures should provide the greatest latitude to those providing mobility services with international roaming capability, while permitting the effective and efficient management of a finite resource.
- 4.2 The function of the IMSI administrator will be performed by the Utilities Regulation and Competition Authority (URCA), the administrator of the Bahamas National Numbering Plan (NNP).
- 4.3 Although the quantity of IMSIs currently allocated to The Bahamas is minimal, the demand at some time in the future will grow. However, if the need arises, planning for MCC exhaust and obtaining additional MCC resources are discussed in Section 11.
- 4.4 The guidelines and procedures for IMSI assignment, as set forth in this document, remain in effect until there is either consensus or regulatory policy direction to change them.
- 4.5 These guidelines do not describe the method by which IMSIs are transmitted across and processed by networks. Network interworking arrangements are contained in other standards, documents, or business agreements.

5.0 ASSIGNMENT PRINCIPLES

The assignment principles defined below allow network operators the greatest possible latitude in providing mobility service with international roaming and the users of these services/capabilities the widest possible roaming capabilities.

- 5.1 MNCs are to be assigned and used only by public networks offering mobility services with international roaming capability (Section 1. 1).
- 5.2 Upon application, URCA will assign one MNC for each valid network operator. Nothing shall preclude a network operator, however, from aggregating multiple or merged networks/licenses within a single MNC.
- 5.3 The 5-digit MCC+MNC, as part of the 15-digit IMSI, is to be assigned so as to uniquely identify the home network of the mobility service user worldwide.

- 5.4 MSINs are assigned by network operators to their subscribed mobile terminals/users. An IMSI is unique to a single mobile terminal/user, but a mobile terminal/user may have multiple IMSIs.
- 5.5 IMSIs and MNCs 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 MCC resources.
- 5.6 IMSIs are a public resource. The assignment of any portion of an IMSI (i.e., MNC, MSIN) does not imply ownership of the resource by either the entity to which it is assigned or by the entity performing the administrative function.
- 5.7 Should an assignee transfer control of a wireless license, then the use of the assigned HNI is transferable to the new license owner.
- 5.8 URCA will:
- Assign MNCs in a fair, timely and impartial manner to any applicant that meets the criteria for assignment (Section 6).
 - Assign MNCs on a first come, first served basis from the available pool of unassigned MNCs.
 - Make all assignments based on the procedures in these guidelines (Section 8).
 - Treat sensitive information received from applicants as proprietary and confidential.
- 5.9 Information that is requested of applicants in support of an MNC application shall be uniform and kept to a minimum.
- 5.10 Assigned MNCs should be deployed as soon as possible, but no later than twelve months after assignment. If the assignee can demonstrate that an assigned MNC has not been deployed solely due to delays beyond its control, the time period can be extended for up to 90 days. At the discretion of URCA, three additional 90-day extensions may be granted.
- .
- 5.11 These guidelines have no effect on MNC assignments made prior to their approval. Use of all assigned resources shall be consistent with these guidelines.

- 5.12 An MNC recovered or returned to URCA for reassignment will remain dormant for a period of not less than one year, from the date of return to the MNC pool, before reassignment.
- 5.13 As required, applicants for HNIs must comply with all applicable regulations relative to the provisioning of mobility service with international roaming capability.

6.0 CRITERIA FOR MNC ASSIGNMENT

The assignment criteria in the following paragraphs should be considered by a potential MNC applicant before submitting an MNC application and will be used by URCA in reviewing and processing an MNC application:

- 6.1 The MNC applicant must be, and certify that it is, a public network operator offering mobility services with international roaming for which an MNC is requested.
- 6.2 The applicant/assignee of an MNC must have and provide evidence of authorization, if required, from URCA to operate in the area in which it intends to provide mobility services.
- 6.3 An MNC will only be assigned by URCA upon receipt and approval of a completed *Form A - Mobile Network Code (MNC) Application*.

7.0 RESPONSIBILITIES OF MNC APPLICANTS AND ASSIGNEES

Entities requesting MNC assignments and entities already assigned one or more MNCs shall comply with the following:

- 7.1 MNC applicants and assignees must meet all conditions specified in these guidelines. Copies of the guidelines may be obtained from URCA.
- 7.2 Applicants must apply in writing to URCA by completing *Form A – Mobile Network Code (MNC) Application*. Copies of all required forms are included in Attachment 2 to these guidelines.
- 7.3 MNC assignees shall:
- 7.3.1 Assign and efficiently manage the MSINs (last ten digits of the IMSI) associated with the assigned MNC. Maintain up-to-date and accurate assignment records that match MSINs to mobile terminals/users. These records may be required for audit purposes.

- 7.3.2 Inform URCA of changes in the information associated with an MNC assignment by using *Form D – Request for Change in Mobile Network Code (MNC) -Assignment Information*. Changes may occur because of the transfer of an MNC, through merger or acquisition, to a different network (Section 5.7). The initial assignee of the MNC involved in a transfer occurring through merger, acquisition or other means must immediately inform URCA when such a change becomes effective. Timely submission of change information enables URCA to maintain accurate MNC assignment records.
- 7.3.3 Participate in the IMSI audit process, when requested (Section 10).
- 7.3.4 Deploy any MNC assigned by URCA within the time period specified (Section 5.10). Inform URCA of MNC deployment by submitting *Form C -Mobile Network Code (MNC) Deployment*.
- 7.3.5 Apply to URCA for an extension (Section 5.10) if the deployment requirement cannot be met and the MNC is still required.
- 7.3.6 Return to URCA, using *Form F -Mobile Network Code (MNC) Assignment Return*:
- Any MNC no longer needed for the provision of mobility services with international roaming capability,
 - Any MNC not deployed within the time period specified, including extensions (Section 5.10), or
 - Any MNC not used in conformance with these assignment guidelines.

8.0 RESPONSIBILITIES OF URCA

The role of URCA is to manage the entire IMSI resource and to directly administer the MNC segment of the IMSI. In this context, URCA shall:

- 8.1 Provide to the industry general and specific information on the structure and proper use and management of IMSIs.
- 8.2 Provide copies of these guidelines and forms to MNC applicants and assignees, and assist them in completing the required forms.
- 8.3 Review and process MNC 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 - Mobile Network Code (MNC) Application Disposition*. There are three possible dispositions: approved, denied, or additional information required. Notify the applicant in writing of the disposition within ten working days from receipt of Form A. The response will include:
- If assigned, the specific MNC(s) assigned,
 - If denied, the reasons for denial,
 - If additional information is required, specify the required information.
- 8.4 Use the following MNC assignment procedures:
- 8.4.1 URCA shall generally assign MNCs in numerical sequence within the MCC.
- 8.4.2 There may be technical considerations or limitations on the part of the applicant that require a specific assignment or preclude them being able to use the next consecutive MNC assignment. These exceptions are set forth below and in the Addenda (if any) to this document.
- 8.4.3 Applicants eligible for multiple MNCs may request that such MNCs be assigned in the next available block of numerically sequential codes (except for those MNCs 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 should be submitted for each MNC required, along with a cover letter requesting their assignment in a sequential block.
- 8.4.4 When reassigning an MNC that has been returned or reclaimed, URCA will ensure that the MNC has remained dormant for the required period (Section 5.13).
- 8.5 Maintain accurate and current MNC assignment records. Update the records as required to respond to requests for changes in assignment information reported by MNC assignees (Section 7.3.2). Respond to these requests within ten working days using *Form E - Confirmation of Change of Mobile Network Code (MNC) Assignment Information*.

- 8.6 Publish, at least monthly, via the agreed medium, a list of assigned MNCs. The list will include the MNC number, the MNC assignee, and the entity contact and number. Track the number of IMSIs assigned and the assignment rate and report this data regularly to the appropriate industry forum.
- 8.7 Investigate any MNC that has not been deployed within the required time frame, and issue extensions if appropriate (Section 5. 10). Notify the appropriate industry forum if an assignee fails to deploy an assigned MNC within two extensions.
- 8.8 Reclaim assigned MNCs (Section 9), as needed.
- 8.9 Direct the IMSI conservation program and conduct periodic audits, as required, of MNC assignee records (Section 10).
- 8.10 Inform The Bahamas telecommunications industry, via the agreed method, of any revisions to these guidelines (Section 12).

9.0 MNC RETURN AND RECLAMATION PROCEDURES

9.1 Assignee responsibilities:

Assignees will return MNCs that are no longer required, not deployed, or not used in conformance with these assignment guidelines (Sections 5.10, 7.3.5 - 7.3.6).

Assignees will cooperate with URCA in carrying out its reclamation and auditing responsibilities.

9.2 URCA responsibilities:

URCA will contact any MNC assignee identified as not having returned to URCA, for reassignment, any MNC no longer required, not deployed, or not used in conformance with these assignment guidelines (Sections 5.10, 7.3.5 - 7.3.6).

URCA will first seek clarification from the assignee regarding any alleged non-use or misuse. If the assignee provides an explanation satisfactory to URCA, and in conformance with these assignment guidelines, the MNC will remain assigned. If no satisfactory explanation is provided, URCA will request a letter from the assignee returning the assigned MNC for reassignment. If a direct contact cannot be made with the assignee to effect the above process, a registered letter will be sent to the assignee address of record requesting that they contact URCA within thirty days

regarding the alleged MNC non-use or misuse. If the letter is returned as non-delivered, URCA will make the MNC available for reassignment following the required dormant period (Section 5.13), if any.

10.0 IMSI RESOURCE CONSERVATION AND ASSIGNMENT AUDITS

10.1 Assignment and management of the Bahamas IMSI 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 exhaust potential for the MCC currently assigned to The Bahamas.

The process to achieve these objectives should not impede the introduction of competitive services utilizing IMSI station identifiers.

10.2 The ITU-T will certainly require a compelling reason for the allocation of more than 1 billion MSINs and 100 MNCs -- the number in the Bahamas inventory based on the format described above -- to one country. To promote the efficient and effective use of numbering resources, audits of MNC assignments may be performed to ensure consistent compliance with these guidelines.

10.3 URCA will track and monitor IMSI assignments and assignment procedures to ensure that all segments of the IMSIs are being used in an efficient and effective manner. Ongoing URCA procedures that foster conservation shall include, but not be limited to, the following:

- An active reclamation program to reclaim unused or misused MNCs,
- Strict conformance with these guidelines by those assigning MNCs and MSINs,
- Appropriate and timely modifications to these guidelines to enhance text that may have allowed inefficient use of IMSIs and MNCs,
- Periodic specific and random audits of assignments and assignment procedures (Section 10.4).

10.4 URCA may conduct an audit of an MNC assignee's assignment records. The audit may be precipitated by a complaint from the persons outside of URCA, or by URCA itself. The purpose of an audit will be to verify the

MNC assignee's compliance with the provisions set forth in these guidelines.

10.4.1 These audits will be conducted at the MNC assignee's premises or at a mutually agreed to location and at a mutually agreed to time.

10.4.2 URCA will not copy or remove the information from the premises or disclose it to other parties.

10.4.3 URCA will expect to review the following information to ensure conformance with these guidelines and the proper use of the IMSI resource:

- Verification that not more than one MNC is assigned per network or wireless license,
- Verification of assignment for each working MSIN,
- Date of assignment of each working MSIN,
- Activation date of each working MSIN,
- Indication of MSIN assignment to end users, and
- Status and status date of each MSIN unavailable for assignment; i.e., MSINs assigned for testing, reserved, aging, pending and/or suspended.

10.5 Audit results should be used to identify and recommend specific corrective actions that may be necessary. Examples of specific corrective actions which may be proposed are as follows:

- Modifications to these assignment guidelines to reflect the specific circumstance revealed by the audit,
- Additional training for MNC assignees concerning the assignment guidelines,
- Return of assigned MNCs,
- Requirements for supporting documentation of future MNC requests in non-compliant situations, or
- Modifications to the process in which records are maintained or MNCs are assigned.

10.6 Audit results with respect to MNC assignee information and/or recommended MNC assignee process modifications shall be treated on a proprietary and confidential basis.

10.7 Failure to participate/cooperate in an audit shall result in the activation of MNC reclamation procedures (Section 9).

11.0 MCC RELIEF PLANNING

11.1 When 80% of the MNCs within the MCC assigned to The Bahamas have been assigned, or assignments are exceeding 10% of the resource per quarter, URCA will inform the ITU-T.

11.2 The PUC will request additional MCC resources for the Bahamas from the ITU-T.

12.0 MAINTENANCE OF GUIDELINES

It may be necessary to modify the guidelines periodically to meet changing and unforeseen circumstances. The need for guideline modification may be identified by URCA, or any entity in the telecommunications sector. When need for modification is identified by an entity in the telecommunications sector, that entity will submit the proposed modification to URCA for its consideration.

Questions or concerns regarding the maintenance of the guidelines may be directed to:

The Chief Executive Officer
Utilities Regulation and Competition Authority
Fourth Terrace East, Centerville
P. O. Box N-4860
Nassau, Bahamas

14.0 GLOSSARY

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

MNC assignee - The entity to which an MNC has been assigned for the provision of mobility services with international roaming capability.

Home network - The network of the service provider to which a given mobile terminal/user is subscribed.

International Mobile Subscriber Identity (IMSI) - The string of decimal digits, up to a maximum of 15 digits, that identifies a unique mobile terminal or mobile subscriber internationally. The IMSI consists of three fields; the MCC, the MNC, and the MSIN.

Mobile Country Code - The first field of the IMSI that is 3 digits in length. An MCC either identifies a country or a group of Networks that share an MCC for international services.

Mobile Network Code - The second field of the IMSI that is 2 digits in length, The MNC, in combination with the MCC, uniquely identifies the home network of the mobile terminal or mobile user.

Mobile Subscriber - An entity or person that contracts to receive or pay for a mobility service.

Mobile Subscriber Identification Number (MSIN) - The third field of the IMSI that is a maximum of 10 digits. The MSIN within a given MCC+MNC identifies a unique mobile terminal or mobile subscriber within a public network.

Mobility Service - A telecommunications service that supports mobility for terminals or users by providing access to and from the public network via a home network and/or visited network(s).

Mobile Terminal - Any portable, transportable, or handheld terminal supporting mobility service.

Mobile User - A user that utilizes a subscription to a mobility service in order to access a mobility service.

Visited network - The network providing service to a subscriber when the subscriber roams outside the home network.

Attachment 1

INTERNATIONAL MOBILE SUBSCRIBER IDENTITY (IMSI) APPLICATION AND RELATED FORMS PACKAGE

The forms in this package are used for communication between URCA and applicants for and assignees of these resources. Forms included in this package are:

Form A - Home Network Identity (HNI) Application

Applicants complete, sign, and return this form to apply for an HNI.

Form B - Home Network Identity (HNI) Application Disposition

URCA uses this form to notify the applicant of the outcome of his/her application, which may be a code assignment, denial, or a request for additional clarifying information.

Form C - Home Network Identity (HNI) Deployment

The recipient of an HNI assignment uses this form to notify URCA that the assigned code has been deployed.

Form D - Request for Change in Home Network Identity (HNI) Assignment Information

HNI assignees use this form to notify URCA 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 HNI. As a more complex example, this form should also be used to record the transfer of an HNI to a new company, as might happen as a result of a merger or acquisition.

Form E - Confirmation of Change of Home Network Identity (HNI) Assignment Information

The PUC uses this form to acknowledge a change initiated by a HNI assignee through submission of Form D.

Form F - Home Network Identity (HNQ) Assignment Return

HNI assignees use this form to return to the pool any HNIs which are no longer required.

Return completed forms to URCA:

Utilities Regulation and Competition Authority
Fourth Terrace East, Centerville
P. O. Box N-4860
Nassau, Bahamas

Email: info@urcabahamas.bs

Phone: +1 242 322-4437

Fax: +1 242 323-7288

FORM A - HOME NETWORK IDENTITY (HNI) APPLICATION

1) Entity requesting assignment:

General description of the service to be provided, including area of service, and whether GSM-based or ANSI-41 CDMA based, requiring the issuance of an MNC in the format XX:

.....
Wireless License No.....Date of Issuance...(Attach copy).....

Public Utilities Commission Authorization Date

2) Is this request associated with a request for multiple mobile network codes (MNCs), per Section 8.4.3?

YES NO

If YES, please list the other wireless licenses associated with this request

.....
.....

3) Do special considerations apply, per section 8.4.2?

YES NO

If YES, please specify the special consideration needed

.....
.....

4) Is this request associated with an additional HNI assignment required for technological or operational constraints?

YES NO

If YES please provide a description of the technical or operational constraint as well as an explanation of how the assignment of an additional HNI resource will resolve the described technological or operational constraint (if required, please provide the required information via a separate attachment):

.....
.....

(The application continues on the reverse side of this page.)

FORM A - HOME NETWORK IDENTITY (HNI) APPLICATION
(CONTINUED)

5) Contact name:

Company:

Address:

Room:

City, Island, Country:

Phone: Fax: E-mail:

6) Signature below indicates that the applicant:

- Certifies the accuracy of the information provided in this application,
- Commits to deploy any assigned HNI(s) within the time period specified by the assignment guidelines (Section 5.10),
- Certifies that any required authorization has been secured from URCA, and
- Understands and agrees that the use of any assigned HNI(s) in a manner other than in conformance with the assignment guidelines may result in forfeiture.

Authorized name:

Authorized signature:

Date of application:

FORM B - HOME NETWORK IDENTITY (HNI) APPLICATION DISPOSITION

Your application filed for

for assignment of an HNI has been reviewed by URCA. The box checked below indicates the action taken:

Your application has been approved. The HNI assigned for your use is:

.....

The assignment is effective as of:

The information recorded for this assignment is shown below. Please notify URCA 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 - HOME NETWORK IDENTITY (HNI) DEPLOYMENT FORM

By submitting this form, I certify that

HNI:

Assigned to:

Is deployed effective (date):

Authorized name:

Authorized signature:

Date of this notification:

FORM D - REQUEST FOR CHANGE IN HOME NETWORK IDENTITY (HNI)
ASSIGNMENT INFORMATION

Effective (date):

The assignment information for HNI:should be changed. The changes are described below:

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

Authorized name:

Authorized signature:

Date of this notification:

Return completed application forms to URCA:

FORM E - CONFIRMATION OF CHANGE IN HOME NETWORK IDENTITY (HNI)
ASSIGNMENT INFORMATION

Your request datedfor change(s) to the assignment information for HNI
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:

FORM F - HOME NETWORK IDENTITY (HNI) ASSIGNMENT RETURN

HNI:

Currently held by:

is no longer required effective (date)

and may be returned to the pool for assignment to another entity.

Authorized name:

Authorized signature:

Date of this notification:

Return completed forms to the URCA: