**Origination Date:** 07/27/17

**Originator:** iconectiv

### Change Order Number: NANC 500

**Description:** CMIP User ID Field Validation

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |
| --- | --- | --- |
| DOC | FRS | IIS |
| N | Y |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CMIP | GDMO | ASN.1 | **Neustar NPAC** | Iconectiv NPAC | SOA | LSMS |
| N | N | N | Y | N | N |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | **Neustar NPAC** | Iconectiv NPAC | SOA | LSMS |
| N | N | N | N | N | N |

**Business Need**

As part of the transition of LNPA Services, Vendors of local CMIP SOA and LSMS systems need to certify their local systems with the iconectiv NPAC. During certification testing of some local systems, it was discovered that the User ID field in the access control structure of messages being sent from the CMIP local system to the iconectiv NPAC contained a User ID field that did not conform to the CMIP Interoperable Interface Specification (IIS) (minimum length of 1) and the iconectiv NPAC failed the message. A resolution to this issue is needed so that CMIP local system messages to the iconectiv NPAC will not fail validations.

**Description of Change:**

Changes detailed below.

Requirements:

Although the User ID field in the access control structure of CMIP messages is an optional field, the IIS currently indicates that when the User ID field is present in the message, it must contain a value between 1 and 60 characters long.

To accommodate this issue, the iconectiv NPAC will remove the minimum length validation on the User ID field. But for security reasons (e.g., to prevent buffer overflows), the iconectiv NPAC will validate that if the User ID field is populated in a CMIP message from SOA or LSMS, it does conform to the maximum length of the field (60) as specified in the IIS. iconectiv reserves the right to implement the minimum length validation at some future date as agreed upon by the LNPA WG.

**IIS changes:**

Section 5.2.1.3 of the IIS on User Id will be updated as follows:

The user Id of the user of the interface can optionally be specified in the userId field for the SOA interface. This is the 60 character graphics string user identifier for a user on a SOA system. It is not validated on the NPAC SMS, except for maximum length, however, it is used for logging purposes. Even though defined as a minimum length of 1, zero length is permitted.