**Origination Date:** 1/9/18

**Originator:** iconectiv

### Change Order Number: NANC 514 v1

**Description:** XML Query Requests – Double Quotes

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | **Neustar NPAC** | iconectiv NPAC | SOA | LSMS |
| Y | N | N | Y | N | N |

**Business Need**

The NPAC SMS XML Interface Specification (XIS) indicates that values for attributes in query expressions in query requests should not be enclosed in double quotes. Although the XIS is silent on enclosing the entire query expression in any type of delimiter (such as double quotes, single quotes, tilde, pound sign, etc), the iconectiv NPAC assumed that the entire query expression would not be enclosed in double quotes (nor any other delimiter). Some local systems surround the query expression in XML query requests to the NPAC SMS in double quotes. To avoid changes to local systems, the iconectiv NPAC SMS will provide an accommodation by allowing query expressions to be enclosed in double quotes in XML query requests to the NPAC SMS.

**Description of Change:**

Changes detailed below.

XIS:

Section 2.9 on Query Expression:

[snip]

The following are general syntax rules for the query\_expression:

* All parameters and enumerations are expected to be in abbreviated 4 character mnemonics.
* The values for integers and enumerations should **NOT** be enclosed with any delimiter (single quote, double quote, or parentheses).
* The values for all string and dateTime parameters are expected to be enclosed in single quotes, double quotes aren’t supported.
* The query\_expression can begin with a double quote and/or end with a double quote in Query Requests to the NPAC SMS

[snip]