**Origination Date:** 8/22/17

**Originator:** iconectiv

### Change Order Number: NANC 505

**Description:** Date/Time Stamp Format

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

Some local systems provide a timestamp value in the format YYYYMMDDHHMMSS.0Z.0Z. This value is not in the format specified in the IIS, which is YYYYMMDDHHMMSS.0Z. In order to avoid changes to the local system, the NPAC will be modified to support a format of YYYYMMDDHHMMSS.0Z.0Z for the time-of-completion attribute value in the swimProcessing-RecoveryResults notification received from the local system. Also see PIM 91.

**Description of Change:**

Changes detailed below.

IIS:

NPAC SMS (changed text in yellow highlights)

Section 2.1 Overview

[snip]

All timestamps (GeneralizedTime fields) that are sent over the SOA to NPAC SMS interface and NPAC SMS to Local SMS interface, shall use Greenwich Mean Time (GMT). The universal time format (YYYYMMDDHHMMSS.0Z) is used. The default value is a non-specific format of 00000000000000.0Z. One exception to the universal time format is permitted in requests from local systems: in swimProcessing-RecoveryResults notifications sent by the local system, the time-of-completion may either use the universal time format described above or may use the format YYYYMMDDHHMMSS.0Z.0Z. The NPAC SMS will store the received value in the format YYYYMMDDHHMMSS.0Z. In messages sent by the NPAC SMS to the local systems, the universal time format will always be used.

GDMO:

GDMO Behavior (changed text in yellow highlights)

-- 25.0 Swim Processing Recovery Results

swimProcessing-RecoveryResults NOTIFICATION

 BEHAVIOUR swimProcessing-RecoveryResultsBehavior;

 WITH INFORMATION SYNTAX LNP-ASN1.SwimProcessing-RecoveryResults

 AND ATTRIBUTE IDS

 actionId actionId,

 status swimResultsStatus,

 time-of-completion resultsCompletionTime,

 accessControl accessControl;

 WITH REPLY SYNTAX LNP-ASN1.SwimProcessing-RecoveryResponse;

 REGISTERED AS {LNP-OIDS.lnp-notification 25};

swimProcessing-RecoveryResultsBehavior BEHAVIOUR

 DEFINED AS !

 This notification contains the recovery results of a SWIM lnpDownload

 action or SWIM lnpNotificationRecovery action from a SOA/LSMS. It

 contains the id of the swim action, the success or failure of the

 action, and the completion time. While the NPAC expects all

 generalizedTime values to be of the form YYYYMMDDHHMMSS.0Z, an

 exception is allowed for the time-of-completion, which may have a

 format of YYYYMMDDHHMMSS.0Z.0Z.

 NPAC populates the error-code and stop-date in the

 SwimProcessing-RecoveryResponse with the reason and timestamp, when

 stopping SWIM data collection. This occurs when the service provider

 exceeds the SWIM accumulation maximum tunable.

 NPAC populates the error-code in the SwimProcessing-RecoveryResponse

 with the reason, when the recovery request encounters an error situation.

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