**Origination Date:** 03/21/17

**Originator:** iconectiv

### Change Order Number: NANC 490

**Description:** FRS Doc-Only Clarifications

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

Documentation updates.

**Description of Change:**

Changes detailed below.

Requirements:

NPAC Tunable Data

Appendix C. System Tunables.

|  |  |  |  |
| --- | --- | --- | --- |
| Short Business Day Start Time | 1~~3~~2:00 UTC daylight savings time  1~~4~~3:00 UTC standard time | hh:mm | 00:00 - 24:00 |
| Cross-Regional Session Timeout | 1440 | minutes | 0-1440 |
| The maximum duration a user may continuously use a Cross-Regional GUI session. | | | |

**Clarification** Duplicate Requirement Numbers

There are two assumptions with the same requirements number **AR5-2**.

AR5-2                Conflict Resolution Tunable due date value  (in section 1.5)

The time used for the conflict restriction tunable calculation relies on the time value specified in the New Service Provider due date.

AR5-2                Conflict Restriction Window Tunable due date value (Section 5.1.2.2.3.1)

The date used for the Conflict Restriction Window Tunable calculation relies on the date value specified in the New Service Provider due date.

The Conflict Resolution Tunable is the length of time after an SV is initially placed into conflict before the New SP can remove the conflict.

The Conflict Restriction Window is the time on the business day before the New SP due date after which an SV can not be placed into conflict given T2 has expired (wireline involved ports).

The AR5-2 assumption in Section 5.1.2.2.3.1 is valid. The AR5-2 assumption in Section 1.5 either has a mistake in the title or a mistake in the text.

* If the Section 1.5 AR5-2 assumption should be about the Conflict Restriction Window Tunable, then it doesn’t make sense since the calculation does not depend on the time specified in the New SP due date.
* If the Section 1.5 AR5-2 assumption is correct, the text should also refer to the conflict resolution tunable calculation, but that doesn’t make sense either, since the conflict resolution tunable calculation does not rely on the time in the New SP Due date (it doesn’t rely on the due date, it relies on when the SV was initially placed in conflict).

Recommendation: The first AR5-2 assumption in section 1.5 will be deleted, as agreed on Feb 15, 2018 LNPA TOSC Conference Call.

**Clarification.** Requirement Deletion Inconsistency

Assumption AR4-1.1 exists in Section 1.5 of the FRS, but it also exists on the Deleted Requirements list in Appendix G of the FRS.

AR4-1.1 Service Provider ID

All NPAC Customers will obtain a unique Service Provider ID from a proper source.

Recommendation: Assumption **AR4-1.1** will be deleted from Section 1.5, as agreed on Feb 15, 2018 LNPA TOSC Conference Call.

**Clarification.** SV Due Date Validations against NPA-NXX Effective Date

Requirements **RR5-44** for inter-SP SV create and **RR5-45** for intra-SP SV creates were re-instated due to the 5-day waiting period between the first SV/NPA-NXX-X create in the NPA-NXX and it due date/effective date being reduced to 0. When these requirements were re-instated, they were put in the FRS SV requirements section associated with placing an SV in Conflict, leaving duplicate requirements numbers in the Inter-SP and Intra-SP SV Create with a Requirements deleted label. This change puts them back in their proper place. Also, the requirement for the NPA-NXX-X create validation against the NPA-NXX Effective Date was not re-instated, but needs to be also, with an additional clarification that it applies to both Block Create and Block Modify operations.

**3.12.2 NPA-NXX-X Holder Information**

[snip]

**RR3-64 Number Pool NPA-NXX-X Holder Information – NPA-NXX Effective Date**

~~DELETED~~ NPAC SMS shall validate that the effective date of the NPA-NXX-X is equal to, or greater than, the effective date of the NPA-NXX as defined in the NPAC SMS when an NPA-NXX-X is created or modified. (Previously N-40)

5.1.2.2.1.1 Subscription Version Creation - Inter-Service Provider Ports

[snip]

**RR5-44 Create Subscription Version – Due Date Validation for NPA-NXX effective date**

~~DELETED~~ NPAC SMS shall verify that the due date is greater than, or equal to, the NPA-NXX effective date upon Subscription Version creation for an Inter-Service Provider Port.

[snip]

5.1.2.2.1.2 Subscription Version Creation - Intra-Service Provider Ports

[snip]

**RR5-45 Create Subscription Version – Due Date Validation for NPA-NXX effective date**

~~DELETED~~ NPAC SMS shall verify that the due date is greater than, or equal to, the NPA-NXX effective date upon Subscription Version creation for an Inter-Service Provider Port.

[snip]

Section 5.1.2.2.3.1 Placing a Subscription Version in Conflict

[snip]

**~~RR5-44 Create Subscription Version – Due Date Validation for NPA-NXX effective date~~**

~~NPAC SMS shall verify that the due date is greater than, or equal to, the NPA-NXX effective date upon Subscription Version creation for an Inter-Service Provider Port.~~

**~~RR5-45 Create “Intra-Service Provider Port” Subscription Version – Due Date Validation for NPA-NXX effective date~~**

~~NPAC SMS shall verify that the due date is greater than, or equal to, the NPA-NXX effective date upon Subscription Version creation for an Intra-Service Provider port.~~

[snip]

***Appendix G. Deleted Requirements***

[snip]

**~~RR3-64~~**

**Clarification. NPA-NXX BDD Inconsistency**

The NPA-NXX Download File example in Figure E-3 shows the NPA-NXX field to contain a dash (e.g., 303-123), but table E-3 depicts for the NPA-NXX field example value displays the NPA-NXX without the dash (303123). The NPA-NXX in the file contains the dash between the NPA and the NXX, so table E-3 will be updated to display the NPA-NXX example value with the dash.

Appendix E, NPA/NXX Download File

[snip]

The NPA-NXX file given in the example would be named:

NPANXX.13-10-1996081122.12-10-1998080000.13-10-1998133022

0001|2853|303-123|19960101155555|19960105000000|0(CR) (NPA-NXX 1)

0001|2864|303-124|19960101155556|19960105000000|0(CR) (NPA-NXX 2)

0001|2870|303-125|19960101155557|19960105000000|0(CR) (NPA-NXX 3)

Figure E–3 -- Network NPA-NXX Download File Example

| **Explanation of the fields in the NETWORK NPA/NXX download file** | | |
| --- | --- | --- |
| **Field Number** | **Field Name** | **Value in Example** |
| 1 | Service Provider Id | 0001 |
| 2 | NPA-NXX Id | 2853 |
| 3 | NPA-NXX Value | 303-123 |
| 4 | Creation TimeStamp | 19960101155555 |
| 5 | Effective TimeStamp | 19960105000000 |
| 6 | Download Reason | 0 |
| 7 | Modified TimeStamp | Not present if LSMS or SOA does not support the Modified feature (NANC 355) as shown in this example. If it were present the value would be in the same format as other TimeStamp data. |
| 8 | Last Activity Timestamp | 19960916152337.123 (yyyymmddhhmmss.fff)  Not present if LSMS or SOA does not support the Last Activity TS as shown in this example. If it were present the value would be in Timestamp format (and include milliseconds). |

Table E–3 -- Explanation of the Fields in the Network NPA/NXX Download File