Problem/Issue Identification and Description

**Submittal Date** (09/10/2024): **PIM # 157 v2**

**Company(s) Submitting Issue**: NPIF Architecture Planning Team (APT)

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**(NOTE: Submitting Company(s) is to complete this section of the form along with Sections 1, 2 and 3.)**

1. **Problem/Issue Statement:** (Brief statement outlining the problem/issue.)

a) See GUST (Giddy Up Sub-Team) Readout APT – May 22, 2024: Page 3 - Current requirements are silent or require clarification on certain key tps related topics b) Relationship between SOA and LSMS transaction rate.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)

A. Examples & Impacts of Problem/Issue:

Background.

GUST subcommittee has been examining the business needs for potentially increasing the LSMS transaction rates. During this activity several issues were observed and discussed. The activity was referred to the APT.

Issue.

It was identified that the current FRS requirements may not be clear or are silent on the relationship between SOA and LSMS transaction rates

B. Frequency of Occurrence:

1. NPAC Regions Impacted:

Mid Atlantic \_\_\_ Midwest\_\_\_ Northeast\_\_\_ Southeast\_\_\_ Southwest\_\_\_ Western\_\_\_

West Coast\_\_\_ ALL

D. Rationale why existing process is deficient: the current language has caused some confusion when understanding the applicable requirements.

E. Identify action taken in other committees / forums:

F. Any other descriptive items:

1. **Suggested Resolution:**

Review the following FRS Section(s) and the suggested updates:

**6.4.2 Interface Performance Requirements**

Add note(\*) to:

• R6-28.1 SOA to NPAC SMS interface transaction rates - sustained

• R6-28.2 SOA to NPAC SMS interface transaction rates - peak

(\*) the SOA transaction rates are for both “Pending-like” and “Active-like” requests (including notification traffic). Given the LSMS requirements: RR6-108 NPAC SMS-to-Local SMS interface transaction rates – sustained and RR6-109 NPAC SMS-to-Local SMS interface transaction rates – total bandwidth the SOA requirements are constrained for “Active-like” transactions not to exceed the expected LSMS transaction rates as defined in the above-mentioned requirements.

1. **Final Resolution:**

This PIM resulted in the creation of Change Order 568 that clarifies language re: SOA/LSMS - NPAC interface transaction rate requirements in the FRS. For further information refer to CO 568.

**NPIF (only)**

PIM #: 157 V2 Final Resolution Date: 4/02/2025

Related Documents: CO 568

Issue Resolution Referred to:

Why Issue Referred: