NANC 209

**Documentation of NPA Split Query Behavior**

**Origination Date :**03/30/1998

**Originator:**Lockheed Martin Team

**Description:**

When a query is done using an old NPA involved in a split Lockheed returns the new NPA for single TN requests and for a range of stations only (same NPA-NXX). A range query that varies the NPA will return only what was queried.

RN3-2 States "NPAC SMS shall accept both the old and new NPAs during PDP, but will only respond and download with the new NPA-NXX."

It has been requested that requirements in the FRS be added to clarify this behavior.

The requirement RN3-2 would be modified as follows: "NPAC SMS shall accept both the old and new NPAs during PDP, but will only respond and download with the new NPA-NXX except for query requests that span NPAs."

**Final Resolution:**

Lockheed input as to why they implemented behavior and vendor input needed.  NPAC SMS implementation was done to prevent performance impacts introduced by complex query filter processing. SOA/LSMS vendors need to evaluate if they use this query and if this is the behavior is acceptable.

A work around to this problem would be to request both old and new NPA in a query involving multiple NPAs.

Tekelec, ESI, ATCS, AT&T, MCI, and BellSouth have indicated that are not impacted this behavior. The behavior for this type of query would be documented in the FRS.

**Related Release:**

1.10

**Status:** Implemented