CHANGE ORDER SUMMARY – OPEN COs

FOR

NPAC SMS FUNCTIONALITY

**Rev: 218
October 08, 2025**

# Preface

*Originally commissioned as a working group under the NANC (North American Numbering Council) the LNPA WG (Local Number Portability Administration Working Group) dealt with Number Portability issues, processes/procedures and changes to the NPAC SMS. In December 2018 it was renamed the TOSC (Transition Oversight Sub Committee) and managed issues/changes related to the transition of NPAC from the previous vendor to iconectiv.*

*After the re-chartering of the NANC, the group became The Informal LNP Team until November of 2020 when the group restructured into the NPIF (Number Portability Industry Forum). The NPIF works with the NAOWG (Number Administration Oversight Working Group) on any issues that require the involvement of NANC and continues its mission to manage processes/procedures, changes to the NPAC SMS and issues related to Number Portability.*

*This Change Order Summary document tracks the status of all Change Orders that were opened as part of, or after NPAC Transition (5-25-18). Information on Change Orders Implemented/Closed prior to Transition (5-25-18) and not part of Release 3.4.8 baseline, can be found in the Change Order Summary Pre-Transition – Implemented COs document located on the numberportability.com website. Information on Change Orders opened after Transition and Implemented/Closed after Release 3.4.8 baseline can be found in the Change Order Summary Post Transition – Implemented COs document located on the numberportability.com website*

# Legend

* ***Release #/Target Date*** *– Number and date of development release in which changes will be made to support Change Order*
* ***Change Order Number – Description/Name*** *– Number and name assigned by CMA after CO has been accepted.*
* ***Originator –*** *Company that created the Change Order*
* ***Date Accepted –*** *Date the Change Order was accepted by NPIF (Number Portability Industry Forum)*
* ***Description*** *– Name of the Change Order and the Business Need as defined in the Change Order itself*
* ***Category –****Category where Change Order currently resides in the process*
	+ *Open*
	+ *Accepted*
	+ *Next Doc Release*
	+ *Development Release*
	+ *Awaiting SOW*
	+ *Approved SOW*
	+ *Cancel-pending*
* ***Status –*** *Status of Change Order shown on NPAC website*
	+ *Closed – The Change Order was considered and rejected.*
	+ *Open – The Change Order has been considered and there may be further discussion.*
	+ *Requested - The LNPA TOSC has reached agreement on the Change Order and either a SOW may be requested or the requirements updates (Doc Only) will be included in a future version of the Industry Document(s).*
	+ *Implemented – The Change Order was adopted and has been implemented in the NPAC system. It will remain in the Change Order Summary – Open COs for 1 cycle then be moved to the Change Order Summary – Implemented COs document*
* ***Notes –*** *Additional detail on the Change Order status*
* ***NPAC Level Of Effort*** *– This field defines the Level of Effort to implement the Change Order (Low, Medium or High)*
* ***Systems Impacted*** *– CMIP or XML –This field indicates if there is an impact to the Local System (SOA or LSMS). Choices are: Yes or No*
* ***PIM #*** *- This is the Problem Identification Management number of the PIM associated with the Change Order.*
* ***Go To Link –*** *This is a link to the actual Change Order Detail.*

| **Change Order Summary** |
| --- |
| **Release #/ Target Date** | **Change Order # - Description/Name** | **Category** | **Status** | **PIM #** | **Go To Link** |
|  | CO 571 – Update Language to Clarify Primary SPID TPS Requirements – Doc Only | Accepted | Open | 160 | [CO571](#CO571) |
|  | CO 570 – SPID Migration SV Counting | Accepted | Requested | 156 | [CO570](#CO570) |
| 08/04/2025 | CO 569 - Sunset SPID Migration Workbook – Doc Only | Accepted | Open | 159 | [CO569](#CO569) |
|  | CO 567 – New Pseudo-LRN NPA-NXX-X SIC-SMURF File Email | Accepted | Requested | 154 | [CO567](#CO567) |

| Change Order Details |
| --- |
| CO # | Originator | Date Accepted | Description | Category | Notes | NPAC LevelOfEffort | Systems Impacted |
|  |  |  |  |  |  |  | CMIP | XML |
|  |  |  |  |  |  |  | SOA | LSMS | SOA | LSMS |
| CO 571 | iconectiv | 09/10/25 | Name:Update Language to Clarify Primary SPID TPS Requirements – Doc Only**Business Need:**The Architecture Planning Team (APT) discussed and determined the need to clarify the current FRS transactions-per-second (TPS) rate requirements regarding how the TPS requirements apply for Service Bureau/Primary SPIDs that may have one or more secondary SPIDs. These TPS requirements in the FRS indicate that the supported transaction rate for the SOA-to-NPAC SMS interface and the NPAC SMS-to-Local SMS interface is defined per “association”, which is a construct and term that applies to the CMIP interface but should be updated to apply generically across any mechanized interface. The use of the “association” concept in the current TPS FRS requirements does not adequately apply to both the CMIP and XML interfaces and has caused confusion with how the requirements apply to Primary SOA SPIDs vs. Secondary SOA SPIDs.See also PIM 160.[**CO 571**](https://workinggroup.numberportability.com/documents/co-571) | Accepted | 09/10/2025 NPIF Meeting* Matt T. (iconectiv) reviewed the draft CO
* The draft CO was discussed, accepted and assigned # 571
* CMA to update this CO with # assigned, update CO Summary – Open COs and post a copy of CO 571 to the website
 |  | N | N | N | N |
| CO 570 | iconectiv | 08/06/25 | Name:SPID Migration SV Counting Business Need:Although the SPID Migration Quota – All regions tunable was increased from 25 to 49 migrations/week in March 2025, Service Providers are scheduling more SPID Migrations than desired across available SPID migration windows to stay under the current maximum SV record count of 500,000 per region, as defined by the regional SPID Migration Quota – SVs tunable. This spreading out of SPID Migrations caused by the current SPID Migration SV quota causes additional workload on teams to manage and coordinate migration activities, including the HD, the SP’s System Engineers, TN/Code Admins, PMs, LNP PortIn/PortOut teams, and the SP’s network providers. The SPID Migration Quota – SVs tunable currently defines the maximum number of SVs within a region for a given SPID Migration maintenance window, but the SV/NPB records that may be migrated by the NPAC SMS can differ from the records migrated by a local system. Local systems manage SV records for non-pool SVs (LNP Type of LSPP and LISP) and also manage NPB records. Since pool SVs (LNP Type of Pool) are not sent to or maintained by local systems, including pool SVs in SPID migration quotas can limit the overall number of local system records that can be updated in weekly SPID migrations. In contrast, the NPAC SMS does maintain pool SV records in addition to the non-pool SV and NPB records managed by local systems, so the quantity of pool SVs that need to be updated during a SPID migration continues to be a consideration for the LNPA.Because the number of records migrated by local systems and NPAC SMS can differ significantly, and because the SPID Migration calendar fills up as SPs spread out SPID Migrations to stay under the current SV quota, the industry could benefit by using different SPID Migration quotas to represent an NPAC SMS maximum and a local system maximum.See also PIM 156.[**CO 570**](https://workinggroup.numberportability.com/documents/co-570) | Accepted | 08/06/2025 NPIF Meeting* Draft CO (PIM 156 follow up) was reviewed by LNPA (Matt T.), accepted and assigned # 570
* This Change Order recommends creating a new SPID Migration tunable (Local Systems SV Quota Tunable parameter)
* New AI – LNPA to investigate what SVs are included in the post-migration report
* CMA to add # to CO, update CO Summary documents and post to website

09/10/2025 NPIF Meeting* 08062025-06 – LNPA to investigate what SVs are included in the post-migration report
	+ Matt T. (iconectiv) reviewed the updates to CO 570
	+ Consensus was reached on proposed updates to CO 570
* Consensus was reached to move this CO to requested status
* This AI is now closed
* New AI – NPIF co-chairs to reach out to the NAPM LLC to ask them to request an SOW for CO 570 from the vendor
 |  | N | N | N | N |
| [CO 569](#CO569) | iconectiv | 07/09/25 | Name: Sunset SPID Migration Workbook – Doc Only**Business Need:**In August 2023, the LNPA introduced a new method for submitting SPID Migration requests through the help desk. This method does not require use of the Excel “SPID Migration Workbook” but rather allows SPID Migration data (dates, NPA-NXXs, LRNs, etc.) to be entered directly into an NPAC help desk ticket. Submitting SPID Migration requests to the NPAC help desk via the SPID Migration Workbook continues to be supported but is infrequently utilized.In calendar year 2024, 19.6% of SPID Migration requests submitted through the NPAC help desk used the SPID Migration Workbook method and the remainder (80.4%) used the newer method that does not require the workbook. Given a significant majority of requests are using the new method, the LNPA would like the industry to consider sunsetting submitting requests using the SPID Migration Workbook.The LNPA believes the SPID Migration Workbook is more cumbersome and time consuming for both users and LNPA staff, especially for users not familiar with the process. The significant usage of the newer method for submitting requests to the NPAC help desk demonstrates that this method is more efficient for users. Reducing the number of options for submitting SPID Migrations through the NPAC help desk would make the corresponding M&Ps clearer and potentially reduce confusion for users.[**CO 569**](https://workinggroup.numberportability.com/documents/co-569) | Accepted | 07/09/2025 NPIF Meeting* CMA (Michael D.) reviewed the draft CO
* The draft CO was reviewed, accepted and assigned # 569
* CMA to update the CO and post to the website

08/06/2025 NPIF Meeting* The SPID Migration workbook has been sunset as of August 4, 2025 and the SPID Migration Request M&P has been updated and posted to the Knowledge Base
* CMA will have FRS updates ready for review at the September NPIF meeting

09/10/2025 NPIF Meeting* Michael D. (iconectiv) reviewed updates to the FRS for CO 569
* Consensus was reached on proposed changes
* CMA will accept the changes and post a clean copy of the FRS to the website
 |  | N | N | N | N |
| CO 567 | iconectiv | 10/02/24 | Name:New Pseudo-LRN NPA-NXX-X SIC-SMURF File Email**Business Need:**Currently, though NPBs having a pseudo-LRN (LRN = 000-000-0000) and the associated NPA-NXX-Xs are migrated when the NPA-NXX of the NPB exists in the NPA-NXX Selection Input Criteria SPID Migration Update Request Files (SIC-SMURF file), some local systems are only migrating the NPA-NXX-Xs that exist in the NPA-NXX-X SIC-SMURF file, which would not be the case for pseudo-LRN NPBs. For thousands-blocks, in addition to migrating a pseudo-LRN NPB object based on its NPA-NXX being included in the NPA-NXX SIC-SMURF file, the associated NPA-NXX-X object is migrated as well, since the two objects must be kept in sync. Additionally, there may be occasions an NPA-NXX-X that indicates it is a pseudo-LRN block is migrated by the NPAC, but the NPB does not exist. In these cases, the local system does not have a way to determine that the -X is related to a pseudo-LRN NPB, and should be migrated in the SOA/LSMS, because the -X download sent to the SOAs/LSMSs does not include a pseudo-LRN indicator. Because some local systems may not migrate -X objects for a pseudo-LRN block, consensus was reached during the discussion of PIM 154 that a new pseudo-LRN NPA-NXX-X SIC-SMURF file is needed. See also PIM 154.[**CO 567**](https://workinggroup.numberportability.com/documents/co567) | Accepted | 10/02/2024 NPIF Meeting* Matt T. (iconectiv) reviewed the draft CO
* The Description of Change defined in the CO is that a 4th SIC-SMURF file would be created and put in the SFTP directory for all SPs
* Draft CO was discussed, accepted and assigned # 567
* CMA to update CO Summary – Open COs and post a copy of the CO to the website

09/10/2025 NPIF Meeting* John N. (10X People) asked if this CO can be moved to Requested status
* Consensus was reached to move CO 567 to requested status
* New AI – NPIF co-chairs to reach out to the NAPM LLC to ask them to request an SOW for CO 567 from the vendor
 |  | OPT | OPT | OPT | OPT |

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