

North American Numbering Council (NANC)

Inter-Service Provider LNP Operations Flows

Version 4.0

10/16/2009

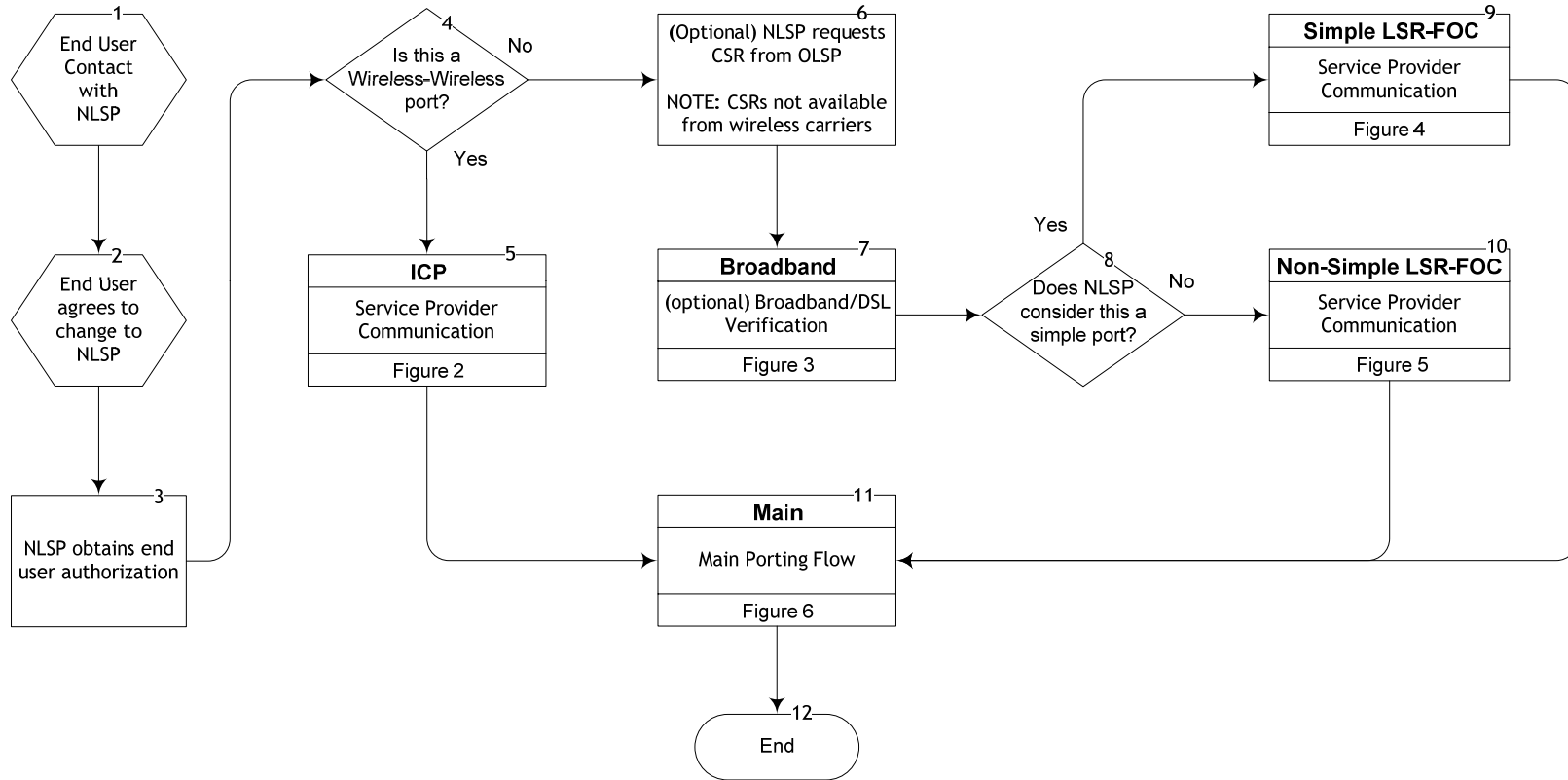
North American Numbering Council (NANC) Inter-Service Provider LNP Operations Flows

NOTE: For a more detailed description of each process step within these flows, please refer to the accompanying Inter-Service Provider LNP Operations Flows Narratives (Version 4.0)

NOTE: Pursuant to FCC Order 07-188, released on November 8, 2007, and FCC Order 09-41, released on May 13, 2009, Local Number Portability (LNP) obligations are extended to interconnected Voice over Internet Protocol (VoIP) providers. The North American Numbering Council (NANC) identifies three classes of interconnected VoIP providers, defined as follows:

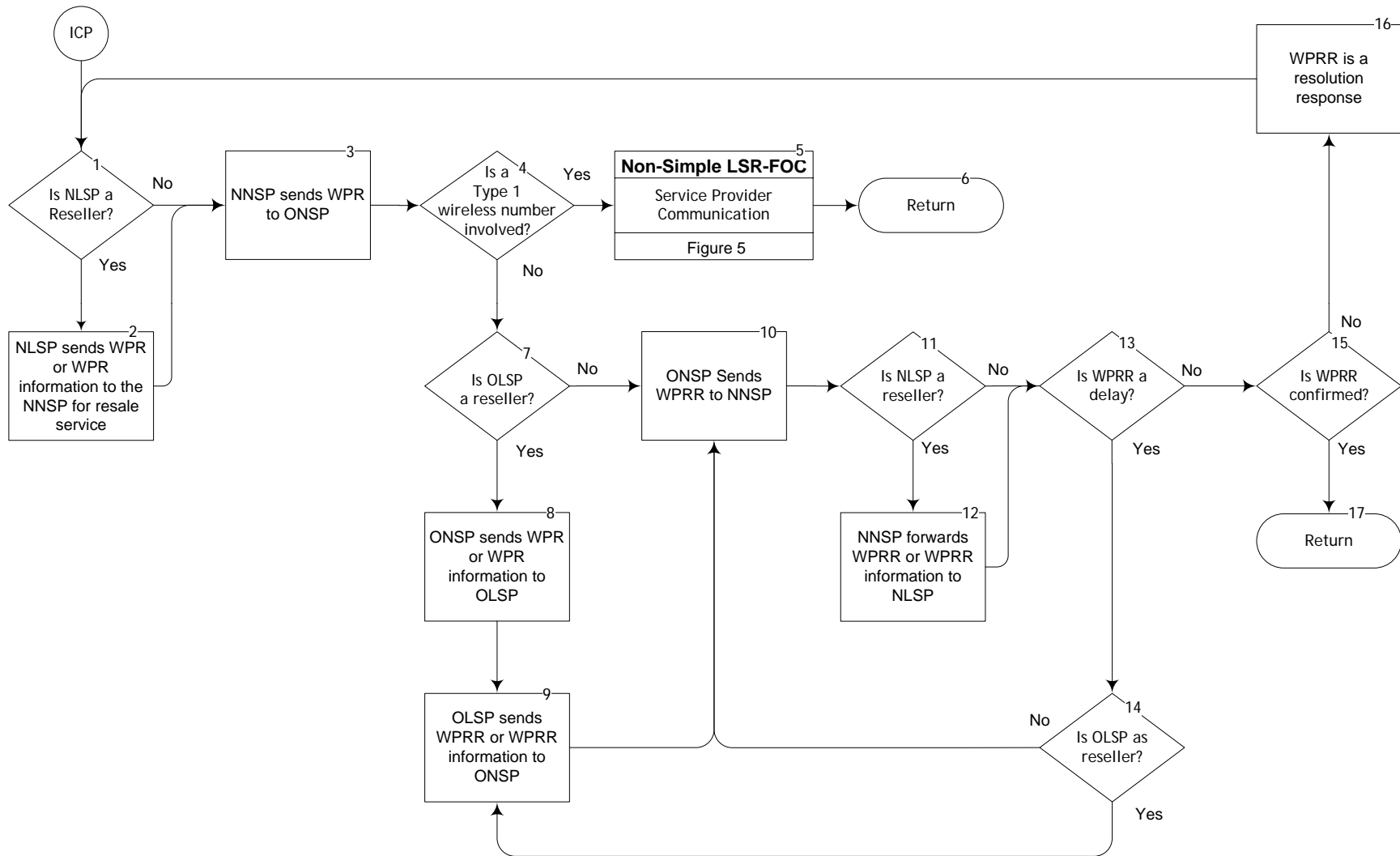
- Class 1: A standalone interconnected VoIP provider that obtains numbering resources directly from the North American Numbering Plan Administrator (NANPA) and the Pooling Administrator (PA) and connects directly to the PSTN (i.e., not through a PSTN Service Provider partner's end office switch). Class 1 standalone interconnected VoIP providers must follow the appropriate Wireline-Wireline/Intermodal Flows (Simple or Non-Simple, whichever is applicable) for the LNP provisioning process, serving as the New Network Service Provider (NNSP) or Old Network Service Provider (ONSP), whichever is applicable.
- Class 2: An interconnected VoIP provider that partners with a facilities-based Public Switched Telephone Network (PSTN) Service Provider to obtain numbering resources and connectivity to the PSTN via the Service Provider partner's end office switch. A Class 2 interconnected VoIP provider is not considered a reseller in the context of the FCC definition of a Simple Port (refer to FCC Order 07-188 and FCC Order 09-41 for Simple Port definition). Class 2 interconnected VoIP providers must follow the appropriate Wireline-Wireline/Intermodal Flows (Simple or Non-Simple, whichever is applicable) for the LNP provisioning process, serving as the New Local Service Provider (NLSP) or Old Local Service Provider (OLSP), whichever is applicable.
- Class 3: A non-facilities-based reseller of interconnected VoIP services that utilizes the numbering resources and facilities of another interconnected VoIP provider (analogous to the "traditional" PSTN reseller). A Class 3 interconnected VoIP provider is not considered a reseller in the context of the FCC definition of a Simple Port (refer to FCC Order 07-188 and FCC Order 09-41 for Simple Port definition). Class 3 interconnected VoIP providers must follow the appropriate Wireline-Wireline/Intermodal Flows (Simple or Non-Simple, whichever is applicable) for the LNP provisioning process, serving as the New Local Service Provider (NLSP) or Old Local Service Provider (OLSP), whichever is applicable.

Inter-Service Provider LNP Operations Flows - Port Type Determination -

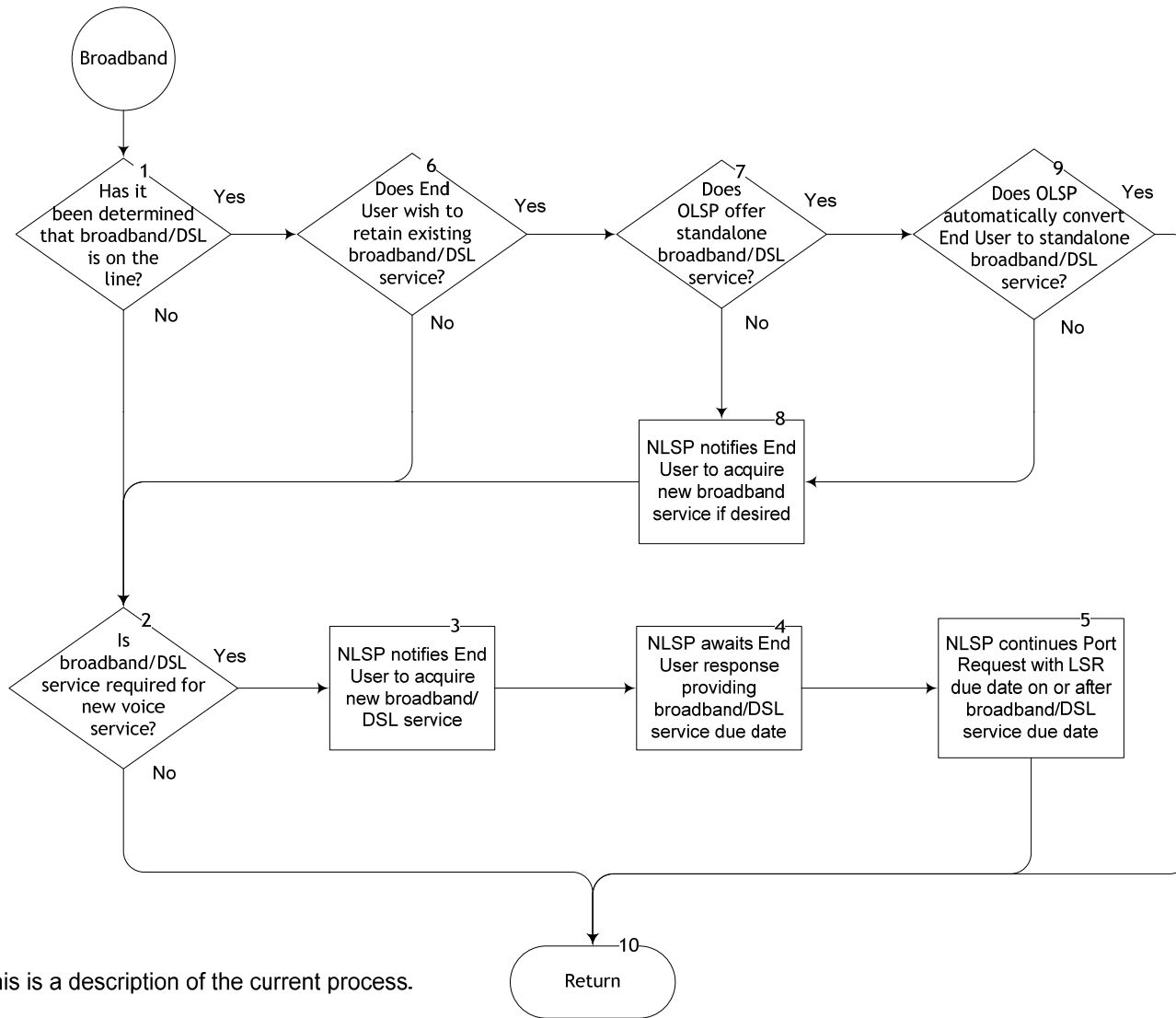


Inter-Service Provider LNP Operations Flows

- Wireless ICP Process -

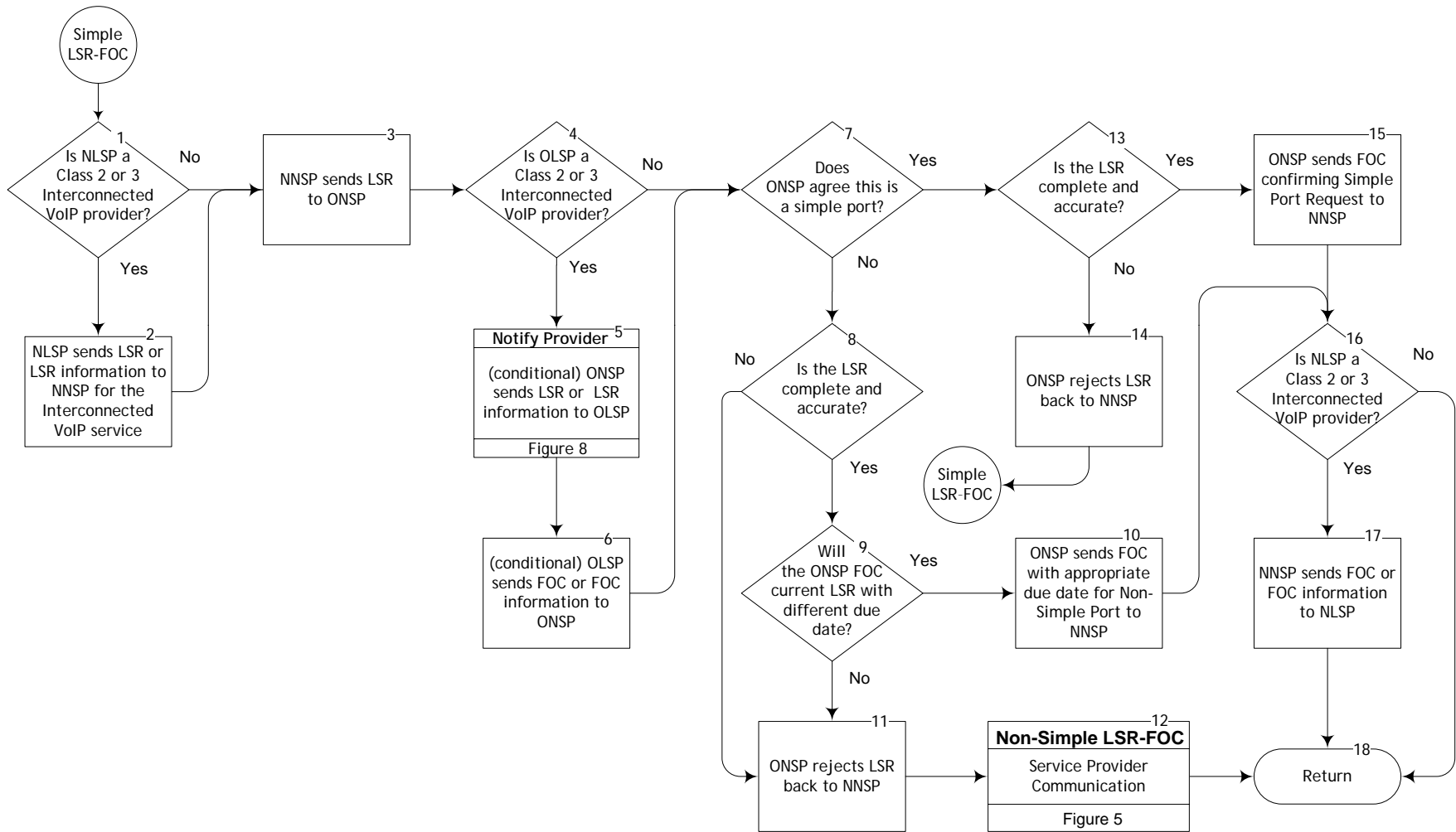


Inter-Service Provider LNP Operations Flows - Broadband Verification Process -



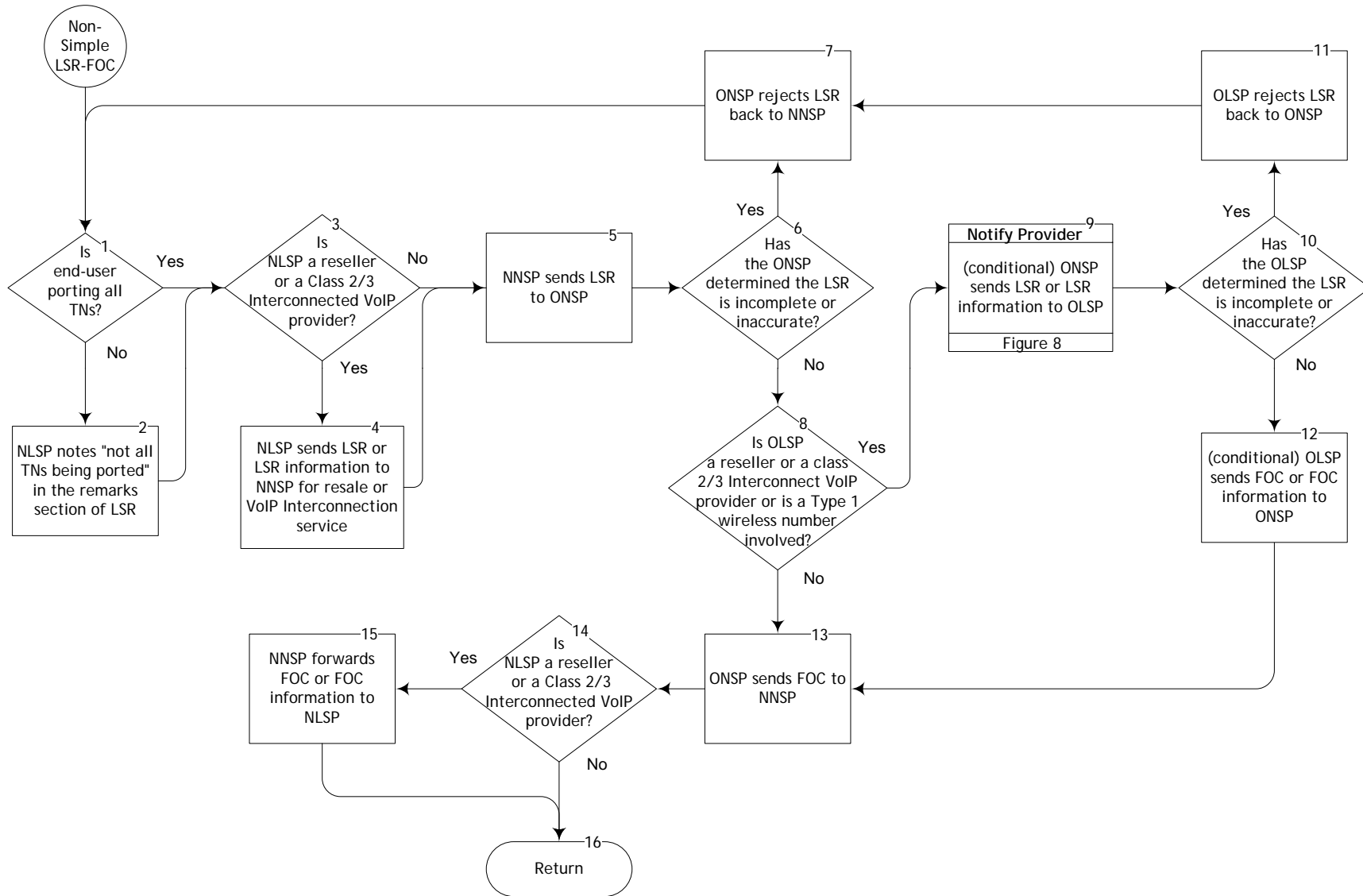
Inter-Service Provider LNP Operations Flows

- Wireline Simple Port LSR/FOC Process -



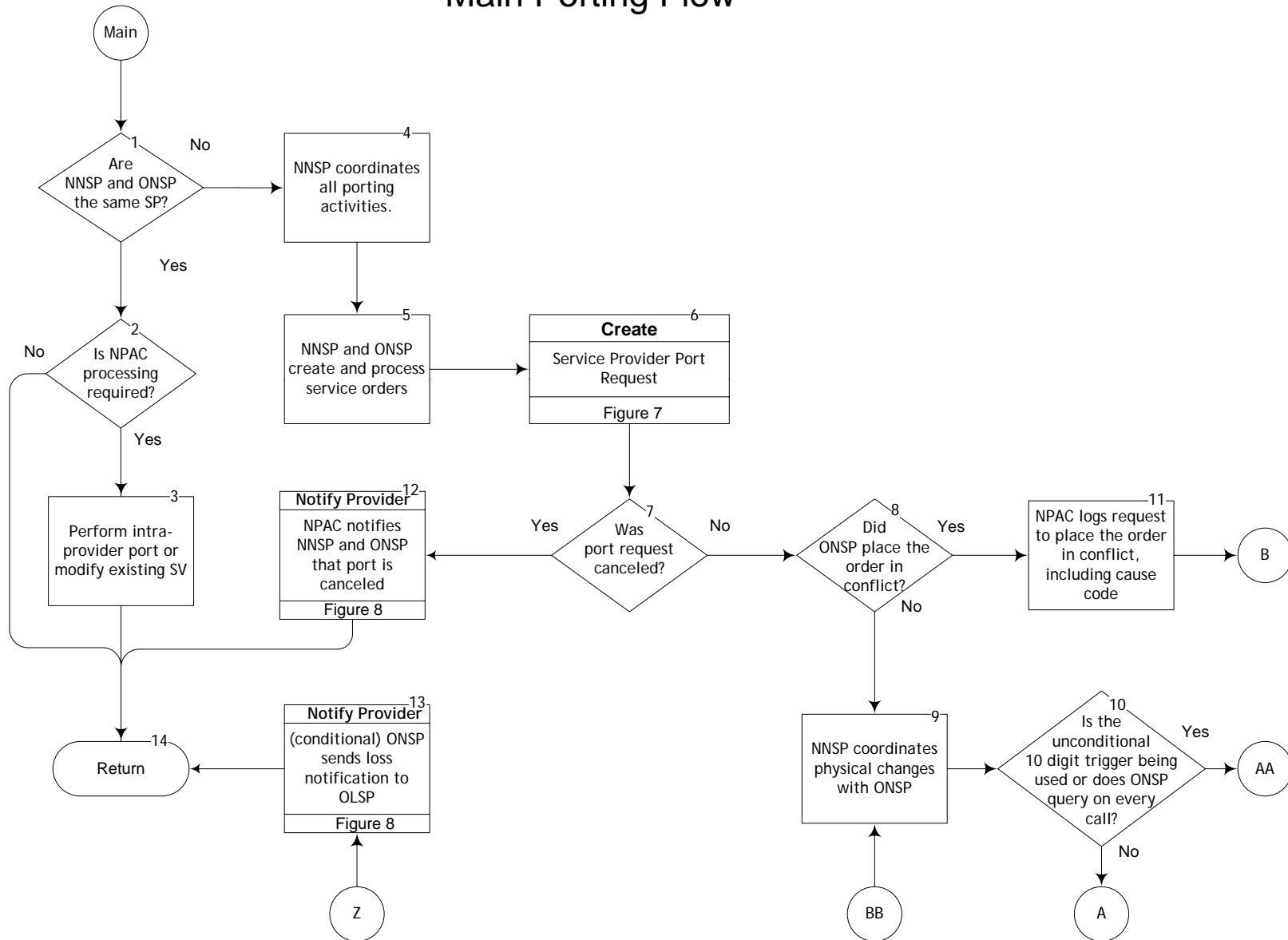
Inter-Service Provider LNP Operations Flows

- Wireline Non-Simple Port LSR/FOC Process -



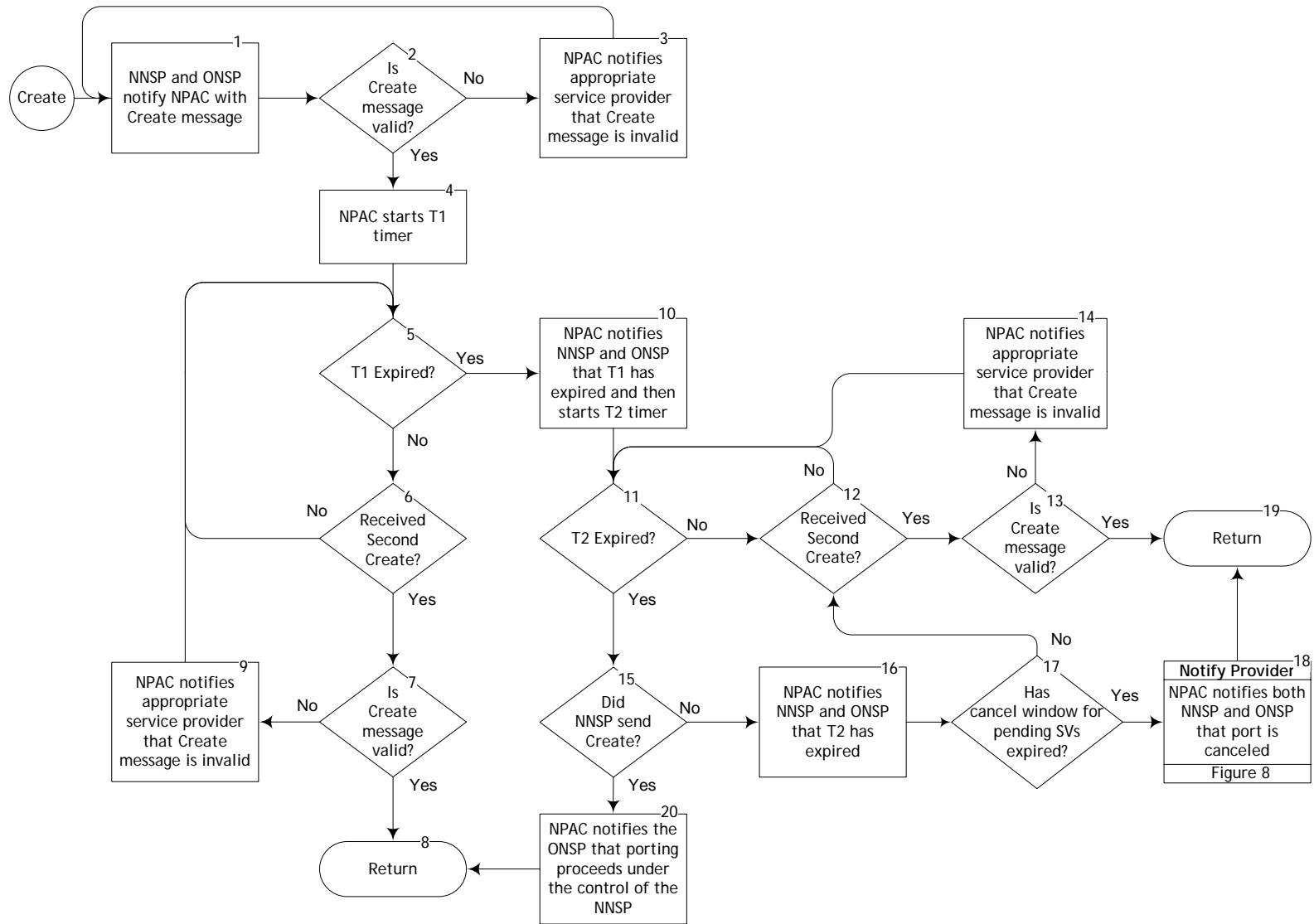
Inter-Service Provider LNP Operations Flows

- Main Porting Flow -



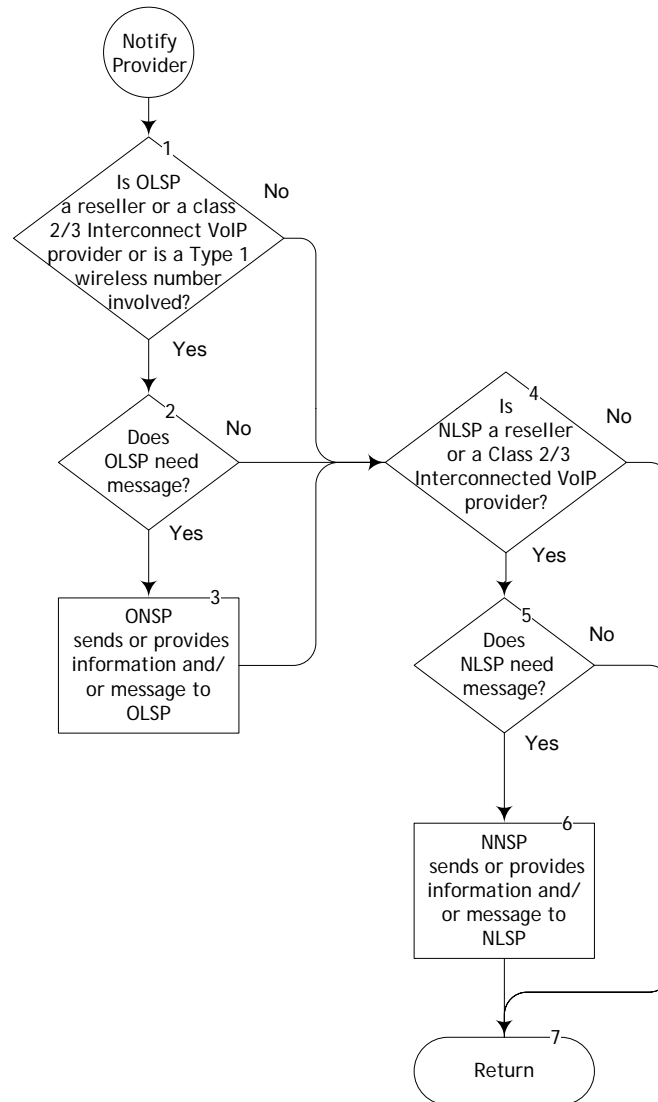
Inter-Service Provider LNP Operations Flows

- Subscription Version Create Flow -



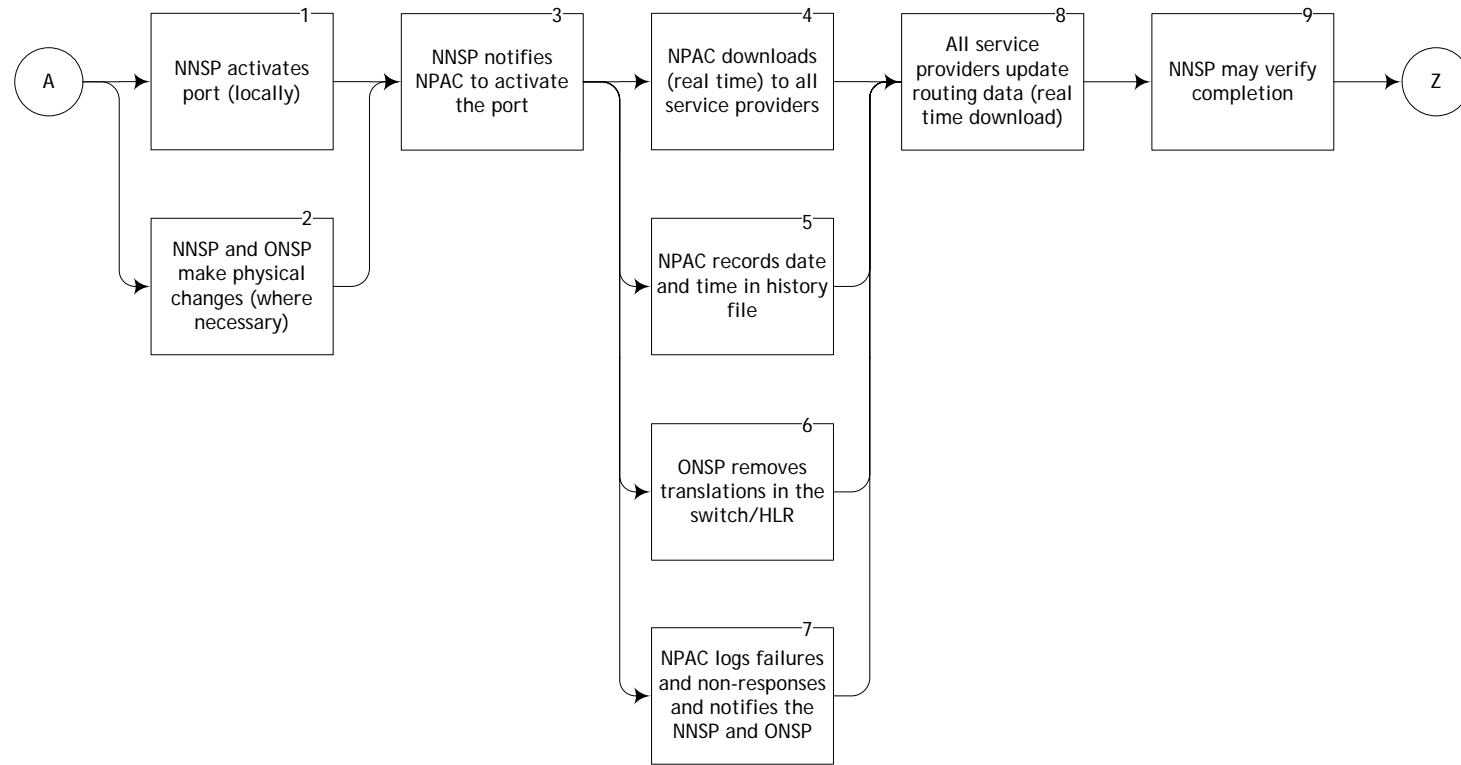
Inter-Service Provider LNP Operations Flows

- Reseller/Interconnected VoIP Provider/Type 1 Notification -

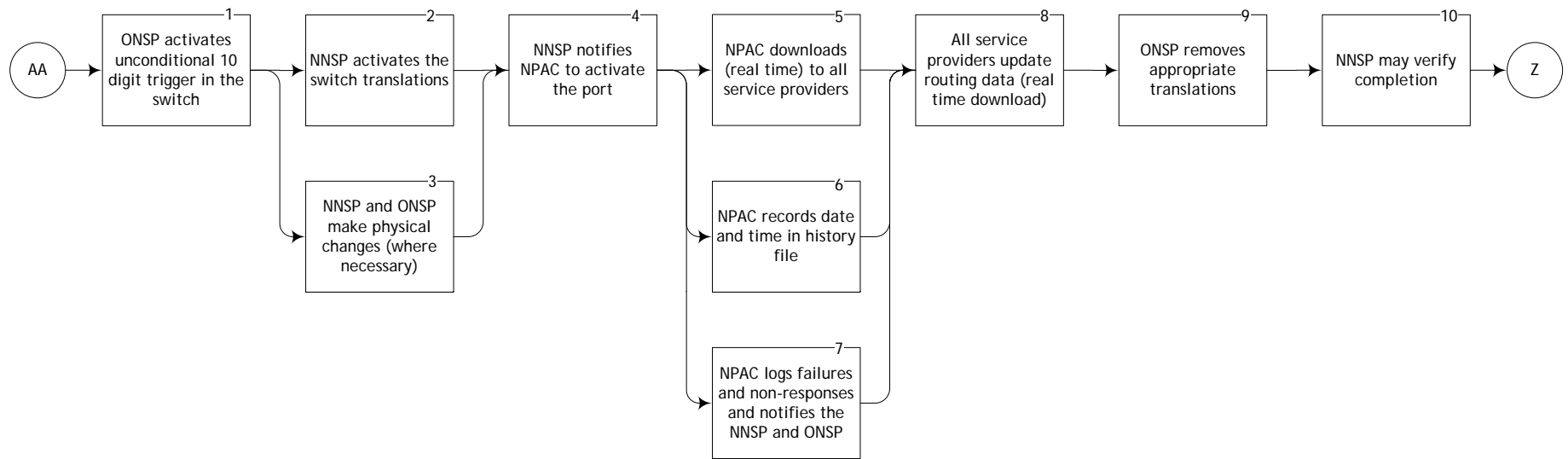


Inter-Service Provider LNP Operations Flows

- Provisioning Without Unconditional 10-Digit Trigger -

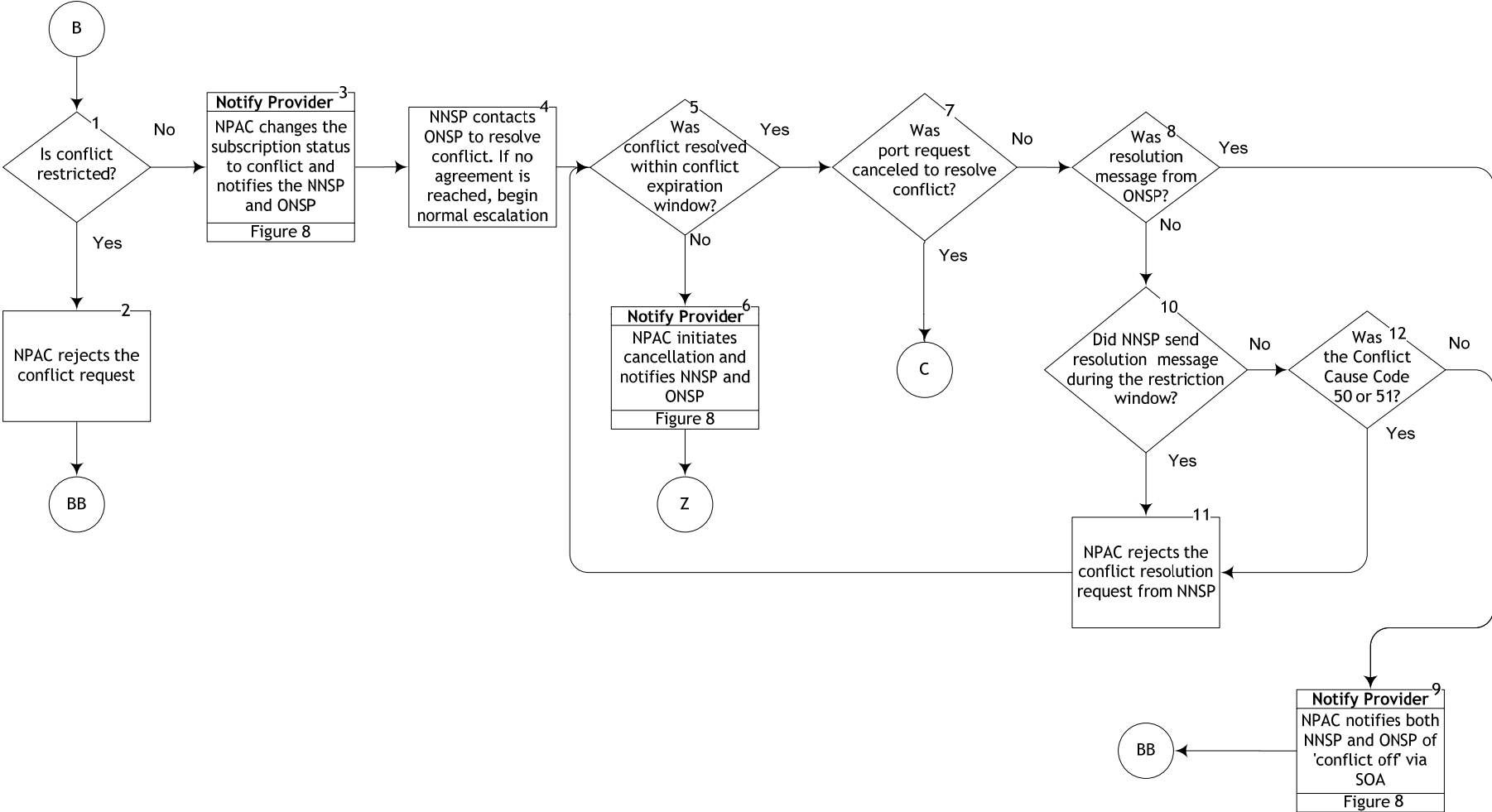


Inter-Service Provider LNP Operations Flows - Provisioning With Unconditional 10-Digit Trigger -



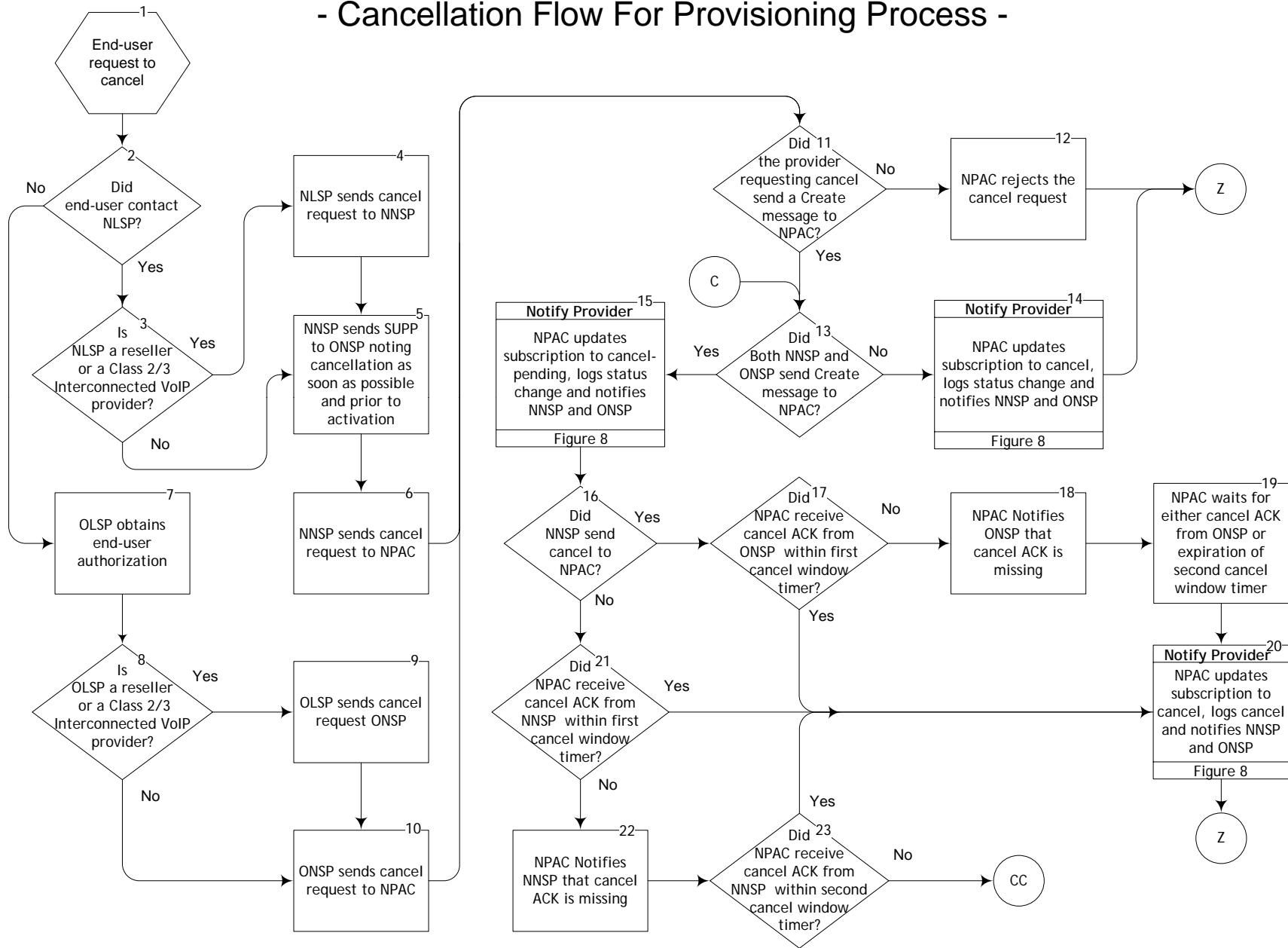
Inter-Service Provider LNP Operations Flows

- Conflict Flow For The Service Creation Provisioning Process -



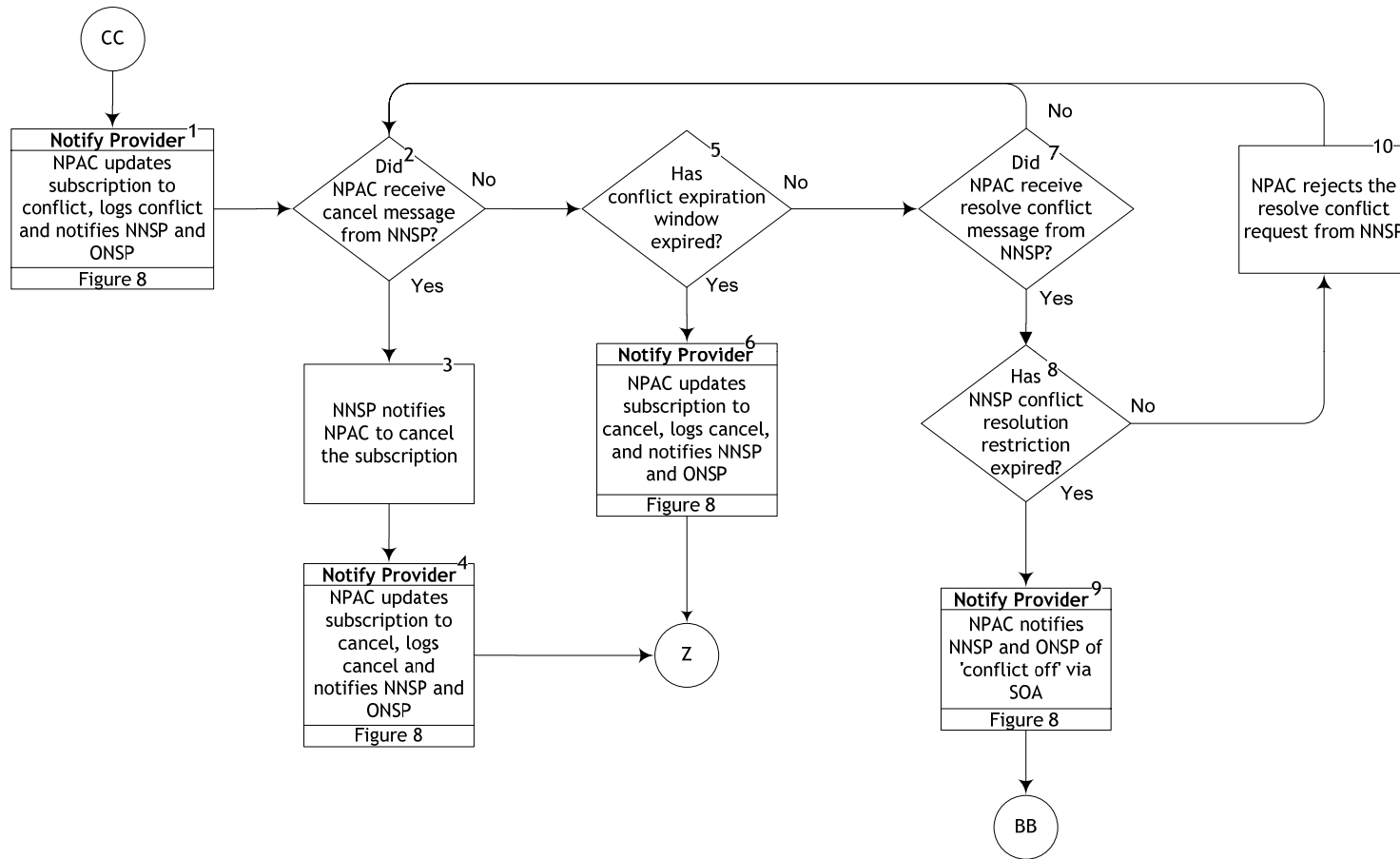
Inter-Service Provider LNP Operations Flows

- Cancellation Flow For Provisioning Process -



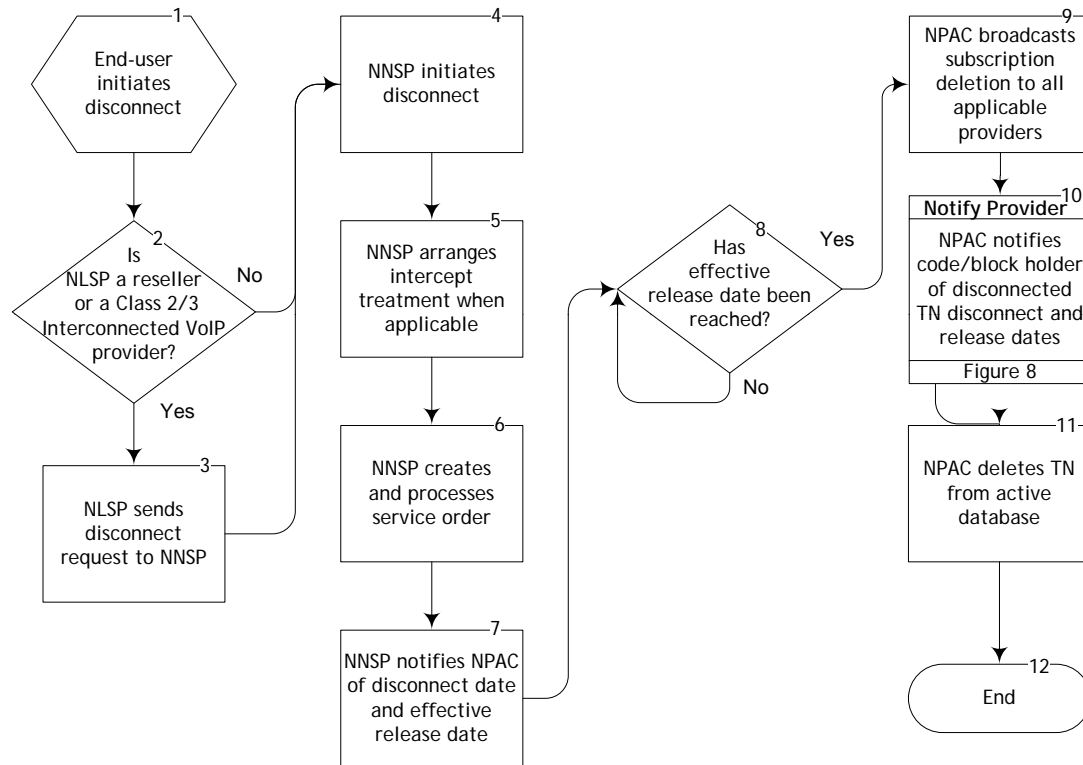
Inter-Service Provider LNP Operations Flows

- Cancellation Ack Missing from New Provider Provisioning Process -



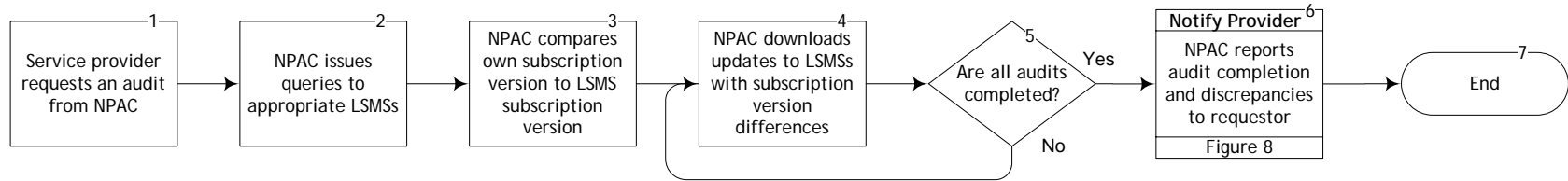
Inter-Service Provider LNP Operations Flows

- Disconnect Process For Ported Telephone Numbers -



Inter-Service Provider LNP Operations Flows

- Audit Process -



Inter-Service Provider LNP Operations Flows - Code Opening Process -

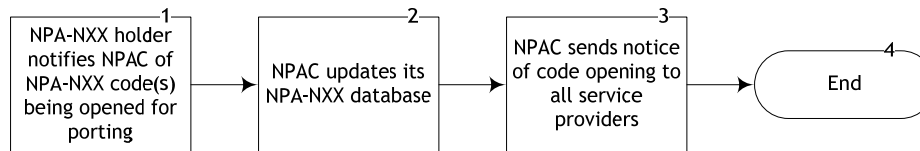


Figure 16

- First TN Ported in NPA-NXX -

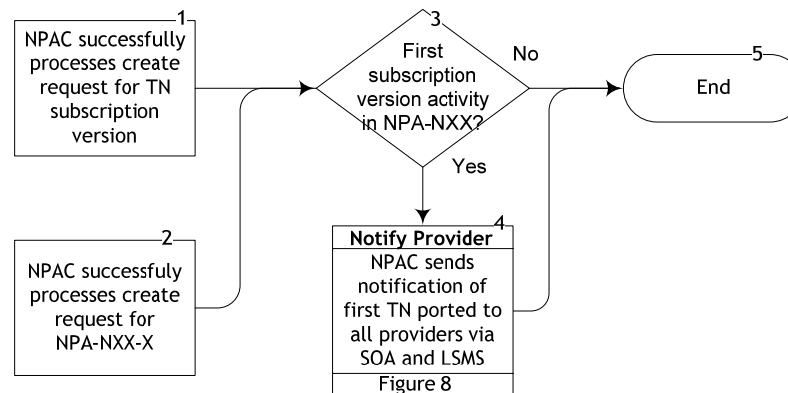


Figure 17

Inter-Service Provider LNP Operations Flows - Cancel-Undo Process -

