

## **Results of the 3/14/01 Discussion of the NANC 217 (Complete Migration of One SPID to Another) Service Provider/Vendor Action Items**

During the Change Order portion of the March LNPA WG meeting we discussed the Responses to NANC 217 Action Items from the February meeting. The document containing the responses to the Action Items has been appended to this document for reference purposes. Here is a summary of that discussion:

- The migration would have to occur during a maintenance window.
- The length of the maintenance window would be driven by the size of the migration.
- NeuStar would do the first draft of the form to be used by the Service Provider requesting the migration.
- The migration request form would reside in the NPAC web site
- NeuStar would notify the Service Provider community of the impending migration via e-mail and web posting. The migration will also be published on the NPAC web site.
- The contents of the e-mail notifications to the industry hasn't been defined yet – and it will be defined at the time this change order is approved and implemented (i.e.: it is not important for the requirements definition.)
- If the SPID being migrated exists in multiple regions the migration could be done on a region-by-regions basis or on all regions simultaneously. Service Providers have action item listed below to determine which would be best or if it matters.
- Service Providers and NeuStar need to do further evaluation of internal systems and processes to determine how much lead time would be required for a migration. Both have action items for this listed below.
- There would **NOT** be a period during which both SPIDs would be valid.

### **ACTION ITEMS FOR APRIL MEETING:**

#### **Service Providers:**

1. Evaluate which internal systems are impacted by a SPID migration and how much lead-time of the notification they need.
2. Evaluate whether there are operational advantages to limiting this process to a simultaneous update of the SPID in all regions or whether to allow the update on a region-by-region basis. The thing to bear in mind is how much time could be involved if the SPID being migrated has a large national presence.

**NeuStar:**

Evaluate how long they would need for internal processes (validate the request, LLCs approval for Maintenance Window, etc.) from the time a Service Provider notified them of a migration until they would be ready to notify the industry of the migration.

### Responses to NANC 217 & NANC 323 Service Provider/Vendor action items

SP/Vendor	Response	Comments
Tekelec	<p>My only comment as a vendor is that SPID migrations need to be scheduled at a specific time (like splits) since the expectation is that all databases will be independently converted and timing issues could arise if the change is not coordinated. Preferably this type of event would occur during a maintenance window since we have some control over the scheduling. Otherwise we will end up with another issue with timing just like change order 193.</p>	
NuVox/Trivergent/Gabriel	<p>1. Applies to both NANC 217 &amp; NANC 323            Notification should be via form whether submitted on your website or as an attachment on e-mail, containing the following information:            SPID, Company name and info, contact number of company that SPID info will be migrating to; SPID, Company name and info, contact number of company that SPID info will be migrating from. In the event that a new SPID is created, the Company name and info, contact number should be included as well as the existing SPID info that will be migrating to the new SPID.            Notification of the new SPID should be broadcasted out via e-mail to Service Providers.            Also we request a grace period of a minimum 3 months /maximum 6 months that all involved SPIDS will be valid.</p> <p>2. Applies to NANC 323 only            Business needs of a Partial migration would be in the event that</p>	

	<p>we either sell or acquire a portion of a companies inventory and need to convert that portion over to our current SPID. Notification of NPAC and Service Providers would be the same as above.</p> <p>*** Also please make note that NuVox/Trivergent/Gabriel would like to push that NANC 217 issue be resolved and procedures established ASAP!</p>	
WorldCom	<p>WorldCom would prefer a SPID update process that results in broadcasts of the SVs affected by the SPID changes rather than a process that involves independent manual activities by service providers to update their respective LNP databases. For SPID changes involving pending SVs we wonder whether a process could be used similar to that used during an NPA split, where an TN is sent with the old NPA-NXX is acknowledged with the new NPA information.</p>	
Sprint	<p>SPID migration notification to NPAC and Service Providers:</p> <p>Our recommendation is for NPAC to create a form that will reside on their WEBSITE. When completed and submitted, the form will automatically notify NPAC of the migration. NPAC should send confirmation to the requestor at the receipt of the request. NPAC will e-mail a notification to all Service Providers within the affected Region five to seven days before the migration date. That notification should contain a target date and hour the migration should occur and times that other SP can download the sic-smurf file. NPAC should process the migration during off-peak periods.</p>	

	Business needs for this process - de-consolidation of SPIDS, Exchange/purchases or divestitures.	
Verizon	<p>1. For NPAC notification to service providers of an upcoming SPID migration (full or partial), a service provider contact list, similar to ones Neustar uses today to notify when NPAC is down, could be set up that can be subscribed to for e-mail and/or pager text message notification. Each service provider can then work internally to prepare for the SPID migration.</p> <p>For service provider notification to NPAC of an upcoming SPID migration (full or partial), perhaps a website form that can be downloaded by the "absorbing" service provider. Neustar can weigh in as to what they would like on the form, but in addition to the effective date and proper criteria to identify which records are being impacted, I would think they would want authorization signatures from both service providers (if two are involved) or signatures from the absorbing service provider and the appropriate Regulatory authority if the other service provider is no longer in business.</p> <p>2. Business scenarios for a partial SPID migration:</p> <ul style="list-style-type: none"> <li>a) A service provider absorbs another SPID's entire switch (possible search criteria = LRN)</li> <li>b) A service provider absorbs selected NXX codes from another SPID's switch(es) (possible search criteria = NPA-NXX &amp; LRN or new SP SPID &amp; NPA-NXX)</li> <li>c) A service provider absorbs a remote that shares an NXX code with its host. The remote has the same LRN as its host.</li> </ul>	

	(possible search criteria = 10-digit TN)	
NeuStar	<ol style="list-style-type: none"> <li>1. NeuStar would like to ensure that the OLD SPID is flagged or something to ensure that Service Providers will not use it again. It seems that the 'almost disappeared' SPID needs to stay around because of the SVs that would be created during the mass update for historical purposes, but the idea is to decommission this SPID and prevent any porting or other activity using this particular SPID.</li> <li>2. NeuStar would like to have a notification from the Service Providers that are mass updating SPIDs three to six months in advance</li> <li>3. NeuStar would communicate to the industry, via Cross Regional distros, about the mass update as soon as the paperwork is finalized with the Service Providers requesting the mass update. NeuStar would like to get this notification out to the industry at least three months in advance and re-send it at a date closer to the time of the mass update. The idea of this point is that the Service Providers mass updating SPIDs need to provide NeuStar and the industry with enough time to allow every body to get ready for the mass update.</li> <li>4. NeuStar would publish the upcoming SPID mass update on the NPAC web site, similar to the current NPA split notifications.</li> <li>5. NeuStar will work the legal forms that the Service Providers involved in a SPID Mass Update would have to fill out before proceeding with the SPID Mass Update. These forms would be published on the NPAC WEB site. A draft of these forms would be provided to the industry in a couple of months for consideration and discussion.</li> </ol>	

	<ol style="list-style-type: none"><li>6. At the cut over date, NeuStar would notify Service Providers, via e-mail to the cross regional distro, that the Mass Update will take place. The notification will include the necessary information for Service Providers to proceed with their own updates (for example: for NANC 217: the notification would include the 'from' and the 'to' SPIDs; for NANC 323, the notification could include the FTP sites where SPs can find the SIC-SMURF files; etc.)</li><li>7. NeuStar would not support the suggestion of having a 'grace' period in which all involved SPIDs would be valid. Leaving aside the cost of software development to support this functionality, a 'grace period' would create a considerable overhead in the NPAC operations.</li><li>8. At the cut-over date, NeuStar would notify Service Providers, via e-mail to the cross regional distro, when the SPID mass update has been finalized so Service Providers could proceed with the updated of their own SOA/LSMSs.</li><li>9. NeuStar would prefer to plan this type of Mass Update during extended maintenance windows.</li></ol>	
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