LNPA Transition Oversight Sub-Committee

February 6, 2019 Conference Call

Final Meeting Notes

**Attendance**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| Lisa Marie Maxson | 10XPeople | Doug Babcock | iconectiv |
| Kim Isaacs | Allstream | John Malyar | iconectiv |
| Kyle Belcher | ATL | George Tsacnaris | iconectiv |
| David Alread | AT&T | Michael Doherty | iconectiv |
| Renee Dillon | AT&T | Natalie McNamer | iconectiv |
| Teresa Patton | AT&T | Pat White | iconectiv |
| Deborah Anstead | CableVision | Bridget White | JSI |
| Joy McConnell-Couch | CenturyLink | Anand Rathi | Neustar |
| Glenn Clepper | Charter | Mary Retka | SOMOS |
| Arnold Monell | Cincinnati Bell | Tara Farquhar | SOMOS |
| Randee Ryan | Comcast | Hollie Carrender-Shephard | Sprint |
| Sheri Pressler | Frontier | Jason Lee | Verizon |
| Wendy Rutherford | GVNW | Kathy Rogers | Verizon Wireless |
| Darold Hemphill | iconectiv | Deb Tucker | Verizon Wireless |
| Deborah Lasher | iconectiv |  |  |

**Action Item Recap and Discussion**

* **01082019-01:** iconectiv LNPA to create a Change Order to add a requirement to include Disconnect Pending items to allow the Old SPID to be deleted. This will be a modification of language in NANC 453.
  + iconectiv has started this and will provide it for the March meeting. **Open**
* **01082019-02:** Vendors to provide feedback on ASN.1 Network Notification Recovery Reply structure – LSMS notification choice. **Open**
  + Lisa Marie, 10xPeople, did a review and recommended that since work needs to be done anyway it will be cleaner to remove the Choice entirely leaving a simple element for the Recovery Reply structure.
  + iconectiv and Neustar local vendors are still gathering responses for this Action Item.
  + Regarding the network download criteria, iconectiv needs to know if they should leave the structure a choice of choices vs. just a choice (CHC2 element). See the Section Network Download Criteria in ASN.1 and the structure is CHC2.
  + **New Action Item 02062019-01: Vendors to provide feedback on the CHC2 structure in the ASN.1 Network Download Criteria section. A decision needs to be made on the use of a choice of choices vs. just a choice.**
* **01082019-03:** Vendors to provide feedback on ASN.1 SV Type Structure Choice value. **Closed**
  + SV Type Structure is an enumeration (wireless/wireline, etc). When auditing an LSMS that supports the SV type, and there is no value for SV type on the SV and a value in the NPAC exists, the NPAC has no way to respond (null value) so there is no way to report it because the enumeration value doesn’t support “null” value. A proposal was given to change the SV type from enumeration to a choice of 2 possible values – (1) existing value or (2) null value. The Change Order only talks about CMIP and it was created during the transition, but this same problem exists in XML, too. Lisa Marie said the choice makes the most sense. Enumeration would be odd.
  + iconectiv LNPA said from a clean stand point they agree, but they were trying to make the change less invasive. They agreed the choice is the “right” way, but wanted to make sure that was agreeable. Since so much other work is being done, it seems fine to do things right. iconectiv and Neustar local vendors agreed with this approach. Choice will be used for Action Item 01082019-03 and the Action Item is closed.
  + The SV type structure is associated with NANC 472. iconectiv requested that it be moved back to an Open status.
* **01082019-04:** General Action Item for vendors to review all of the GDMO, ASN.1, XIS, XSD, and XML documents and provide feedback. **Open**
  + One Change Order involved in this is NANC 478 (pre-cancellation status of disconnect pending) and it came about as part of the transition. The Change Order will need to be moved to Open status to address the change for XML, too.
  + Lisa Marie provided some feedback regarding the documents. A question came up about a delete in a range notification where single TN formats are being deleted. There’s a choice of all notifications including single TNs. She recommended to go ahead and retag.
  + She also mentioned that deleting a Subscription Version object showed up in the document and that is correct.
* **11062018-03:** local vendors to provide information on what they do today. CMIP Local System Vendors are to identify how they populate this first field (NPAC Customer ID) in the key exchange and acknowledgement files they send to NPAC and receive from NPAC. **Open** 
  + iconectiv has input from several vendors and are digesting through it. There are some differences of understanding in the two files. iconectiv will come up with a proposal for March to clear things up even better. For the 2020 release they want to eliminate the workaround in place and then notify vendors to perform as the requirements are stated. They will put a formal proposal together for the March meeting. Still open.
  + **New Action Item 02062019-02: iconectiv LNPA has gathered local vendor feedback on key exchange and acknowledgement files and will provide a formal proposal to handle the situation at the March 5-6, 2019 LNPA TOSC meeting.**
* **11062018-04:** Local System vendors to provide feedback on whether PIM 102 (Change Order 504) is still needed and if there is value in getting the object information during the modify (related to AI 09122017-05). **Open** 
  + Vendors did reply back and all that responded (4) shared that they don’t see a need to make this change. iconectiv will verify one more time that there is no long term value to doing this. In March they will formally request that the CO will be closed and PIM 102 will have a recommended proposed resolution.
  + iconectiv noted that this group does not have a very good status tracking mechanism for PIMs. They will go back and look at the PIMs from the Transition and indicate if the PIM has a Change Order or an updated status. They will also show the status of the Change Order. During their review, they will make sure all open issues for the transition are/were handled.
  + **New Action Item 02062019-03: iconectiv LNPA to develop a PIM tracking mechanism for review during the March 5-6, 2019 LNPA TOSC meeting.**
* **11062018-07:** Due to the abbreviated review of the documents, all Vendors & SPs are asked to review and provide comments (if needed) on the redlined testing documents. **Open** 
  + The group went line by line through Chapters 9, 10, and 12, but this was not done for Chapters 1 – 8. If no feedback is received by March, iconectiv will consider the document ok. Chapters 11, 13 – 17 will be updated and sent out for review before the March meeting. We will go through these line be line in March and get feedback then.
* **12052018-02:**  Regarding Change Order 403 – Only allow Recovery Messages to be sent during Recovery – The impacts of this Change Order need to be understood given it has been recently identified that some local Vendor(s) send recovery requests messages after recovery complete notification has been issued. Service Providers are to discuss this situation with their SOA and LSMS vendors to determine the impact of moving forward with this change for the January LNPA TOSC meeting.  **Open** 
  + At least one vendor exhibits this behavior. Service Providers need to work with their vendors for the right path forward. A vendor would have to change to match the requirements. If the vendor or Service Providers believe something else needs to be done, then this needs to be discussed in the meetings. This Change Order is currently a candidate to be prioritized and implemented as it is written.

**Vendor review of the Interface documents for the 2020 Release activity**

The goal is to keep pushing through the interface specification clean up and have closure by May timeframe to allow vendors time to meet 2020 schedule.

* Actual discussion for AI 01082019-02, 03, 04 covered during Action Item discussion

**Review Open Change Orders**

5 change orders are in open status and not yet requested

* **NANC 534 – Reference Data updates for new NPA-NXX**: the group is waiting for final ATIS INC activity on the TBCOCAG document. The date was pushed out for moving the document into Final status.
* **NANC 528 – GDMO-ASN.1-XSD updates**: We are in the process of aggregating all of the change orders with impacts from sunset items in the current interface.
* **NANC 497 – NPAC Customer ID in CMIP Key Exchange Files**: Proposal discussed is for local vendors to align with current requirements and eliminate existing workaround. iconectiv is pulling together a formal proposal based on Action Item 11062018-03 feedback.
* **NANC 449 – Active/Active SOA Connection to NPAC – same SPID:** Comcast continues to review this issue internally and will attempt to get updates for the March meeting.
* **NANC 447 – IPV6 environment:** No immediate action needed but iconectiv is prepared to address this situation if the need arises.

**New Business -** None

**February 2019 Meeting Adjourned at 10:50AM Eastern**

***Next Full Meeting … March 5-6, 2019: Location Tampa, FL…Hosted by Syniverse***