LNPA Transition Oversight Sub-Committee

September 10-11, 2019

Final Meeting Notes

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| **Bridgewater, NJ** | **Host: iconectiv** |

**Tuesday/Wednesday September 10-11, 2019**

**Attendance**

| **Name** | **Company** | **Name** | **Company** |
| --- | --- | --- | --- |
| John Nakamura | 10xpeople (phone) | Devon Freshnock | iconectiv |
| Lane Patterson | 10xpeople | Doug Babcock | iconectiv |
| Lisa Marie Maxson | 10xpeople | John Malyar | iconectiv |
| David Alread | AT&T | Michael Doherty | iconectiv |
| Renee Dillon | AT&T | Pat White | iconectiv |
| Teresa Patton | AT&T | Ray Wood | iconectiv |
| Annalyce | Bandwidth (phone) | Anand Rathi | Neustar |
| Nancy Cornwell | CellCom (phone) | Mary Retka | SOMOS |
| Joy McConnell-Couch | CenturyLink | Niraj Prakash | Sprint (phone) |
| Kathy Troughton | Charter (phone) | Jeanne Kulesa | Synchronoss |
| Erik Chuss | ChaseTech | Bob Bruce | Syniverse |
| Arnold Monell | Cincinnati Bell (phone) | Margie Mersman | TCA Telcom Consulting |
| Randee Ryan | Comcast | Rosemary Leist | T-Mobile (phone) |
| Sheri Pressler | Frontier (phone) | Tonya Golub | US Cellular (phone) |
| Carolyn Knight | iconectiv | Bale Pathman | Verizon (phone) |
| Crystal Hanus | GVNW (phone) | Deb Tucker | Verizon Wireless |
| Deborah Lasher | iconectiv |  |  |

**LNPA TRANSITION OVERSIGHT SUBCOMMITTEE MEETING MINUTES:**

In order to align more closely with the Federal Advisory Committee Act (FACA) the FCC has received a list of nominees for membership and membership approval was completed. Below are the names of vetted and approved voting members of the LNPA Transition Oversight Subcommittee

LNPA TOSC

Approved Chair Deborah Tucker, Verizon

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| --- | --- | --- |
| **Organization** | **Primary** | **Alternate** |
| 800 Response | David Greenhaus | N/A |
| AT&T | Teresa Patton | N/A |
| ATL | Brian Lynott | N/A |
| Bandwidth.com | Lisa Jill Freeman |  |
| CenturyLink | Joy McConnell-Couch | Phil Linse |
| Charter | Glenn Clepper | Allyson Blevins |
| Comcast | Randee Ryan | N/A |
| Cox | Jennifer Hutton | Beth O’Donnell |
| Integra Holdings/Zayo | Kim Isaacs | Laurie Roberson |
| JSI | Bridget Alexander White | N/A |
| LNP Alliance | Dave Malfara | James Falvey |
| SIP Forum | Richard Shockey | N/A |
| Sprint | Niraj Prakash |  |
| T-Mobile | Luke Sessions |  |
| Verizon | Deborah Tucker |  |
| Windstream | Scott Terry | N/A |
|  |  |  |
|  |  |  |

**July 9-10, 2019 Draft LNPA TOSC Meeting Notes Review:**

The July 9-10, 2019, LNPA TOSC DRAFT notes were reviewed and approved. The notes were issued as FINAL.

**Updates from Other Industry Groups:**

**OBF (ORDERING AND BILLING FORUM COMMITTEE) - Randee Ryan – Comcast**

**WIRELESS SERVICE ORDERING COMMITTEE**

The August 15, 2019 meeting was cancelled.

The next meeting will be December 10th, 2019 2pm – 3pm ET

**LOCAL SERVICE ORDERING COMMITTEE**

There was no activity from the LSO since the last TOSC meeting.

Next Meetings:

LSO will meet September 16, 2019 11:00 a.m. ET – 1:00 p.m. ET

**INC (Industry Numbering Committee) – Michael Doherty**

INC met face to face in Denver, CO on August 14-15, 2019

**Discussion Points:**

* + The COSC liaison provided an update on the development of the RND (Reassigned Number Database) TRD (Technical Requirements Document).
    - Meetings continue twice weekly
    - The TRD is due September 12, 2019
    - A letter was transmitted from the NANC Chair to the FCC requesting an extension
  + Issue 839, Combine the Central Office Code (NXX) Assignment Guidelines (COCAG) and the Thousands-Block (NXX-X) Administration Guidelines (TBPAG) into one Document (FCC Change Order)
    - Issue 839 will remain in Initial Pending until the implementation of the associated Change Order is complete.
    - NANC COSC has recommended that the Change Order be approved as of last week.
    - Tara Farquhar, PA noted that the Change Order was approved June 28, 2019, and completion is anticipated at the end of October 2019.
  + Tara Farquhar, PA submitted an Issue to the INC (INC-2019-00067R000), Remove references to the LNP CO Code Reallocation Process from the COCAG, COCAG Appendix C, and TBCOCAG).
    - Best Practice 034 – SPID Migrations identifies 3 processes to address Code reallocation.
      1. Coordinated Industry Effort
      2. NANC 323 SPID Migration
      3. CO Code Reallocation Process
    - The CO Code Reallocation Process has not been utilized since the transition of the NPAC and has not been updated since 2009.
    - INC agreed to remove references to the LNP CO Code Reallocation Process from the COCAG, COCAG Appendix C, and TBCOCAG, as outlined in INC-2019-00068R001.
    - On INC’s recommendation, the LNPA took an action item to review the LNP Best Practices and any other LNP documents for references to the LNP CO Code Reallocation Process.
  + Issue 873 (INC-2019-00022R000) Populate Requested block(s) on Part 1B and add NPAC Block Holder Data for all requested blocks on one form (Febles, T-Mobile)
    - It was determined that the proposed solution is not necessary, but would be nice to have.
    - Ms. Febles determined she no longer wished to pursue a resolution to the Issue.
    - This Action Item was closed.

**Next Meetings of INC:**

* + INC will meet in Tampa, FL on November 19-20, 2019

**Transition Business**

* Continued Future Release Planning Discussion –



* + **07092019-01** - Local system vendors and mechanized Service Providers please continue participation in the monthly discussions regarding the Sunset (R5.0) release planning. Current working assumption is to utilize a flash cut to support the mechanized Interface changes given the “sunset” features that were removed do not support backward compatibility. Active participation in the discussion regarding the “flash cut” coordination is requested for the September meeting. **Closed**
  + Consensus across vendors was Flash Cut.
  + Based on feedback iconectiv proposed splitting into two releases to mitigate risk.
    - The first release will be BAU rolling upgrade.
    - The second release will be the interface flash cut after first release soak period.
    - Flash cut release still assumes extended maintenance window to allow Service Providers sufficient time to upgrade all systems during maintenance window.
  + Release dates being determined. Most likely flash Cut release mid to late October 2020.
  + iconectiv to update proposed schedule based on the feedback from what was presented and will update SOW accordingly.

**Website Modifications**

* Industry website upgraded September 8, 2019
* iconectiv performed a walk through/Demo of LNPA WG website enhancements
* Comments received during walk through were positive.

Change Management Summary - Change Management Administrator

* Change Order Summary Documents
  + Open and Implemented Change Order summary information was reviewed.
  + New Action Item: 09102019-01 - Vendors and SPs to provide comments regarding the CMA’s proposal to convert embedded documents (in the CO Summaries) into hyperlinks
* Change Order Status
  + iconectiv asked that a Statement of Work be requested for the following COs: 403, 472, 531, 533, 537, 538, 541 & 549
  + No objections for LNPA TOSC chair to forward the request to the NAPM LLC
  + LNPA TOSC chair forwarded the request September 18, 2019
* **Individual Change Orders Discussion**
  + NANC 497
    - **07092019-02 -** iconectiv to determine how many SPs are impacted by the key exchange file issue. **Closed**
      * iconectiv reported that based on the number of SPs impacted, an alternative compromise proposal was prepared and presented as part of this Action Item.
      * The current workaround supports either the SP SPID or the NPAC Regional ID.
      * Compromise reached. The NPAC continues to support the workaround but will update the Change Order and requirements to reflect this workaround such that the Industry requirements match the current deployment. This will not require local system changes at this time.
      * 

**PIM/Change Order Discussion**

* + PIM 124 – Action Item for Industry to review proposed BP 075
    - **07092019-03** – LNPA TOSC Participants to review Best Practice 075 and be prepared to provide feedback during the September meeting. **Closed**
    - There are 2 different Providers exhibiting the unwanted behavior (that is sending a “create” and "modify active” request concurrently for the same SV). However, could not confirm if both SPs were utilizing the same local system.
    - A service provider and a local vendor objected to Best Practice 75. The situation is most likely that a local system is doing the create and modify at the same time (erroneous branch). This also may not be a local system issue – it could be OS. But because it happens so rarely and is an extreme corner case, we do need to understand what is happening.
    - iconectiv to inform the SPs that have caused this activity to happen at the same time so they can take it to their LSMS vendor. iconectiv’s issue is that these happened simultaneously. iconectiv to get a broader set of data to determine how often this type of activity is taking place. Data analysis will take place to see if duplicate actions are more prevalent than the race conditions that have occurred.
    - **New Action Item: 09102019-02** - LNPA will look to see what data is available and report regarding the frequency of occurrences for this unwanted behavior.
  + PIM 125 – Notification Suppression Test Plan
    - Change Order was created for review later in the meeting
  + PIM 126 – XML Content Type
    - Change Order was created for review later in the meeting
  + PIM TBD – Billing ID and Alt Billing ID consistency
    - PIM was discussed, accepted and assigned PIM #127
    - CMA to develop a Change Order

* + - 
  + Transition PIM Tracking Matrix review
    - PIM Tracking Matrix with updated “Referred To” field was reviewed.
    - Parking Lot item added to review and update the PIMs with the appropriate status and “Referred To” information.
  + NANC TBD – Vendor Test Plan Update for Notification Suppression
    - This CO was discussed, accepted and assigned NANC 547
    - CMA to determine the Regression Suite associated with NANC 494 and Notification Suppression.

* + - 
  + NANC TBD – XML Content Type
    - This CO was discussed, accepted and assigned NANC 548
    - Agreement was reached to move this CO directly to Status = Requested

* + - 
  + NANC TBD – Removal of Error Codes for sunset of Customer contact data
    - This CO was discussed, accepted and assigned NANC 549
    - Agreement was reached to move this CO directly to Status = Requested
    - This CO will also be added to the list of COs that the vendor would like a Statement of Work to be requested.

* + - 
  + NANC TBD – XML Hold – IP Address
    - This issue was brought in by 10X People
    - Discussion regarding if tracking of this issue would have been better served by the creation of a PIM.
    - The issue discussed was the ability or inability to make certain configuration changes outside of a maintenance window without loss of queued data.
    - The discussion included discussing the M&P and reviewing the current FRS requirements for Hold/Replay.
    - 10x People will reissue this item as a PIM if they determine continued discussion is needed.
    - LNPA in parallel will review M&P to ensure clarity with regards to informing Service Provider on the ramifications of making configuration changes outside the maintenance window.
    - **New Action Item: 09102019-03 –** LNPA to review their M&P regarding Hold/Replay for potential updates related to informing Service Providers of configuration changes during maintenance windows.
  + PIM 118 – Not Onboarding SPIDs with Active SV Data
    - iconectiv PE provided an update. Final Resolution was agreed to.

**Action Items**

* AI 07092019 – 01- Flash cut vs Rolling Release – Action Item discussed and Closed
* AI 07092019 – 02 - Update NANC 497 accordingly - Action Item discussed and Closed
* AI 07092019 – 03 LNPA TOSC Participants to review Best Practice 075 and be prepared to provide feedback during the September meeting - Action Item discussed and Closed
* AI 07092019 - 04 – “Referred To” column added to PIM Matrix – Action Item discussed and Closed
* AI 07092019 -05 – Final resolution on PIM 118 – Action Item discussed and Closed

**Meeting**

* November 5-6, 2019 hosted by Syniverse in Tampa, FL. *Note: meeting dates changed to November 12-13, 2019 on October 18, 2019.*

**New Business**

* No new business

**September 10-11, 2019 Meeting Adjourned:**

Having completed the agenda for the September 10-11, 2019, LNPA Transition Oversight Sub-Committee meeting the meeting adjourned at 2:22 PM EDT.

***Next Full Meeting…November 12-13, 2019: Location Tampa, FL…Hosted by Syniverse***