LNPA WORKING GROUP

September 12-13, 2017 Meeting

Final Minutes

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| **Denver, CO** | **Host: CenturyLink** |

**TUESDAY September 12, 2017**

**Attendance**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| Lane Patterson | 10xpeople | Bridget Alexander | | JSI |
| Lisa Marie Maxson | 10xpeople (phone) | Dave Malfara | | LNP Alliance (phone) |
| John Skousen | 10xpeople | Jerry James | | LNP Alliance (phone) |
| David Alread | AT&T | Bonnie Johnson | | Minnesota DOC (phone) |
| Renee Dillon | AT&T | Anand Rathi | | Neustar |
| Teresa Patton | AT&T | Bill Reidway | | Neustar |
| Mark Bilton-Smith | ATL | Dave Garner | | Neustar (phone) |
| Lee Hull | Bandwidth.com | Gary Sacra | | Neustar |
| Lisa Jill Freeman | Bandwidth.com (phone) | Jim Rooks | | Neustar |
| Rob Brezina | Bandwidth.com | John Nakamura | | Neustar |
| Connie Stufflebeem | BKD, LLP (phone) | Larry Vagnoni | | Neustar |
| Nancy Cornwell | Cellcom (phone) | Lavinia Rotaru | | Neustar |
| Joy McConnell-Couch | CenturyLink | Marcel Champagne | | Neustar |
| Phil Linse | CenturyLink | Mubeen Saifullah | | Neustar |
| Peggye O’Neil | CenturyLink (phone) | Paul LaGattuta | | Neustar |
| Glenn Clepper | Charter | Shannon Sevigny | | Neustar Pooling (phone) |
| Kathy Troughton | Charter (phone) | Troy Hess | | Ring Central |
| Erik Chuss | Chase Tech LLC (phone) | Mary Retka | | SOMOS |
| Linda Birchem | Comcast | Hollie Carrender | | Sprint (phone) |
| Kasha Fauscett | Comcast | Suzanne Addington | | Sprint |
| Randee Ryan | Comcast | Bob Bruce | | Syniverse (phone) |
| Kim Isaacs | Electric Lightwave (phone) | Luke Sessions | | T-Mobile |
| Wendy Rutherford | GVNW (phone) | Paula Campagnoli | | T-Mobile |
| Ranae Jensen | Google | Bill Reilly | | TOM |
| Cathy McMahon | iconectiv | Greg Chiasson | | TOM |
| Doug Babcock | Iconectiv (phone) | Jonathan Turner | | TOM |
| George Tsacnaris | iconectiv | Dave Lund | | US Cellular (phone) |
| Joel Zamlong | iconectiv | Deb Tucker | | Verizon Wireless |
| John Malyar | iconectiv | Kathy Rogers | | Verizon Wireless (phone) |
| Ken Havens | iconectiv | Dawn Lawrence | | Verizon (phone) |
| Michael Doherty | iconectiv | Jason Lee | | Verizon (phone) |
| Pat White | iconectiv | Scott Terry | | Windstream (phone) |
| Paul Mazouat | iconectiv | Peter Jahn | | Wisconsin PSC (phone) |
| Steven Koch | iconectiv |  | |  |
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**LNPA WORKING GROUP 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 WG.

**Local Number Portability Administration (LNPA) WG**

Approved Co-Chairs:   Glenn Clepper, Charter

Paula Jordan Campagnoli, T-Mobile

Deb 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 | Anna-Valeria Kafka |
| 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 | N/A |
| LNP Alliance | Dave Malfara | James Falvey |
| Minnesota DOC | Bonnie Johnson | N/A |
| SIP Forum | Richard Shockey | N/A |
| Sprint | Suzanne Addington | Rosemary Leist |
| T-Mobile | Paula Campagnoli | Luke Sessions |
| Townes Telecommunications Service Corp. | Amanda Molina | N/A |
| Verizon | Deborah Tucker | Jason Lee |
| Vonage | Imanu Hill | N/A |
| Windstream | Scott Terry | N/A |
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**Introductions and LNPA WG Agenda Review**

**Action Items Update:**

**Service Provider/Local System Vendor Action Items:**

**07112017-02** - REVISION 3:  Service Providers are to determine if they currently get a “Disconnect Pending” message when the Effective Release Date is in the past. If they are impacted, there is a potential that they will not get the “Disconnect Pending” status as they do today for a period of time after Go-Live.  Impacted providers are to determine if a work around can be devised and implemented in their operations before Go-Live (April 7, 2018) to mitigate the impact of not getting a Disconnect Pending message when the Effective Release Date is in the past.  For example, a periodic report could be used on the Subscription Versions that transition to OLD and contain an Effective Release Date. Under the assumption that iconectiv will provide a Disconnect Pending message when the Effective release Date is in the past through the Change management process, how long can the work around be sustained after April 7?

* CenturyLink and Comcast confirmed that they do not send past dated effective release dates so this will not be an issue for them. ATT is still uncertain and needed more time.
* Action item remains open.

**07112017-03 -** REVISION 3:  Service Providers that use the “NOT” operand in scoped and filtered queries are requested to identify how the NOT operand is used operationally. Service Providers are asked to identify which objects and attributes they use with the NOT operand (for example, the NOT operand is used on the Status attribute on an SV Object). The scope of the use of the operand is needed. Impacted Service Providers are also asked to determine if a work around can be devised and implemented in their operations before Go-Live (April 7, 2018) to mitigate the impact of not having the NOT operand.  Under the assumption that iconectiv will provide a NOT filter through the Change management process, how long can the work around be sustained after April 7? Note, this does not impact XML interface users, only CMIP interface users.

* Service Providers that were potentially impacted by this issue responded.
* AT&T stated they could wait for a period of time post-transition for a change to be made.
* Comcast stated they use GETs and they use the NOT filter for their end-to-end process.
* CenturyLink needed additional time to determine if they only used the NOT filter for queries.
* Sprint, T-Mobile, Verizon, Bandwidth, Charter, and JSI stated they are not impacted by this issue.
* Action item held open for CenturyLink to respond.
* Note: CenturyLink provided an update later in the meeting and stated that it is sufficient for CenturyLink if iconectiv develops the NOT filter functionality for queries only. This action item was closed.

**Transition Oversight Manager (TOM) Action Items:**

07112017-16 - TOM to work with iconectiv and local vendors on the Release B testing schedule. Response to be provided during the September LNPA WG meeting.



* Jonathan Turner provided a summary of the attached presentation. The first slide provides key background items for Release B. The group discussed the assumptions that were used to determine the testing interval requirements and comments were noted regarding testing spanning the holiday. The schedule for XML testing was shown as being serial for vendor certification and mechanized users. Group and Round Robin testing for XML users may begin once mandatory certification testing completes, regardless of the dates. Required testing needs to be completed by February 28, 2018, but the test environment won’t go away. Optional ad hoc testing could be continued beyond the 2/28/18 date and it is up to the providers to work together to do the test scheduling.
* CMIP SP testers can start testing Release A once the systems they use are certified. There will be no change to the start date of 9/25/17 for Release A or the 1/2/18 date for Release B round robin testing.
* Comcast asked if the PIM 94 issue would prevent a provider from being able to test and iconectiv responded that as long as the provider is aware of the issue and can avoid those particular tests they would be able to proceed.
* Charter mentioned concern regarding discovery of issues during XML testing and the ability to fit any potential changes into the schedule. iconectiv explained that the XSD component limits differences of implementation and suggested that Charter work with its local vendor to determine if any known inconsistencies had work arounds granted to them. The goal is to find everything ahead of time to get everything done within the current schedule. Allstream shared Charter’s concern.
* Neustar asked for the SOA and LSMS systems to be separated on the slide and the TOM agreed to do so.
* Neustar also mentioned that the last code drop is 12/15/2017 and at some point a code freeze is needed to go live. The TOM said the assumption is that the April 8th migration date for the first region is dependent upon the 12/15/17 date. If there is a blocking issue after 2/18/18, then the go live date is in jeopardy.
* iconectiv desires to have all factors known this year and to have a stable system.
* The TOM is encouraging XML Service Providers to begin testing as soon as their vendors are certified.

**New Action Items:**

**08222017-01 –** iconectiv will complete FRS documentation updates for NANC 495.

This Action Item will be completed with the next release of doc only changes for the FRS.

This Action Item remains open.

**08222017-02 -** Tri-chairs will forward Change Order 498 to the NAPM LLC to request an SOW from iconectiv. (Completed 8/23/2017)

This Action Item is closed.

**LNPA Transition**

**General Technical Discussion**



iconectiv gave a demonstration of the website that will be used for the LNPA Working Group and noted that it is still under construction.

* The website is <https://numberportability.com> and the launch date is on or before September 29, 2017.
* The main takeaway is that what is seen on the website is what is there now. Going forward, the group can talk about changes later. This is hosted on the iconectiv public website and is being used for transition purposes. The site will continue to evolve toward the production site.

iconectiv reviewed the extended maintenance windows that will be used during transition weekends.

* The standard extended maintenance window is 12AM to 9AM Central Time.
* Standard extended maintenance windows are planned for the LNPA Regional Transition Sundays
  + April 8, 2018 – SE region
  + May 6, 2018 – MW, NE, MA regions
  + May 20, 2018 – WE, WC, SW regions
* Only the 5/6/18 date falls on the first Sunday of the month, which is the normal extended maintenance window.
* The following additional standard extended maintenance windows will be added in 2018:
  + 4/8/18 –SE Region
  + 5/20/18 –WE Region
  + 5/20/18 –WC Region
  + 5/20/18 –SW Region

**Inter-Carrier Testing Sub-Committee Status**

The subcommittee met August 11, 2017.

* An additional review of the existing Group Testing Test case document (Group TC doc) provided from Pat White, iconectiv, was reviewed. This list was distributed out to those that requested it and will be reviewed again at the next ITSC meeting (send an email to Pat White for the Group TC Plan). Notes were taken that mentioned several of the test cases are ad-hoc, vs Group\Round Robin, and that these would need iconectiv review for confirmation\update to the document.
* Iconectiv stated that the NPAC Test environment that will allow for Group and Round Robin Testing or any individual service provider ad hoc and ‘optional’ testing would be available beginning in November, 2017. The NPAC Certification Test environment, different from the NPAC Test environment, is used by iconectiv, Vendors and Service Providers to perform Certification Testing.
* The ITSC shared the Service Provider contact list with those that had requested it from the co-chairs. Those that wish to participate in Group and Round Robin testing should take the action and are responsible for reaching out to their peer service providers to coordinate and execute their agreed to test cases as well as arrange for any NPAC support, if needed. Please contact Renee Dillon or Anna Kafka to be added or make a request for the latest list.
* Local System Vendors are performing or have completed their Certifications and, once completed, Service Providers will be able to begin their Certification process with the new LNP Administrator.
* As Service Providers prepare for their upcoming Individual Certification Test cases as well as review of the Group TC doc, they should identify business scenarios that make the most sense to perform from a group perspective and present them at the next ITSC meeting.
* The next ITSC meetings are scheduled September 13th, after the LNPA WG, at 12 pm Mountain Time (as time allows) and September 15th, at 11am Pacific Time.

**Change Management – iconectiv**

**PIMs and Change Order Discussion and Approvals**

The PIMs were all updated with a general introduction to each PIM and additional detail was provided to help with automatic extraction of information from the PIMs for posting. John Malyar did a quick recap from the earlier APT session of the PIMs.

* PIM 89 – Only the introduction was changed in the PIM. Associated NANC 500 has already been requested for an SOW from iconectiv.



* PIM 90 – Only the introduction was changed in the PIM. Associated NANC 501 has already been requested for an SOW from iconectiv.



* PIM 91 – Associated NANC 505 was accepted for an SOW request from iconectiv.



* John Nakamura asked about the LOEs. He said historically when a package went to the NAPM, the local system and NPAC LOEs were identified.
* John Malyar said that they would manage that as part of the SOW process. He said that iconectiv went back and looked at previous Change Orders and the NPAC impact wasn’t always identified.
* John Nakamura said it is reflected in the Change Order Summary document.
* PIM 92 – Only the introduction was changed in the PIM. Associated NANC 502 was previously accepted for an SOW request from iconectiv.



PIM 93 – PTO SV Create – The Change Order for PIM 93 was not accepted to move forward.



* iconectiv’s LOE is High
* Neustar’s local system would have to do regression testing if iconectiv makes the change
* Neustar’s local system LOE is M-H (30 days development which does not include testing) and multiple customers using the CMIP Neustar Service Bureau would be impacted.
* AT&T stated that they do not want the Change Order approved. VZ, CTL, T-Mobile, and Sprint agreed.
* John Nakamura asked if this means that the local system either finds a workaround, makes the change, or doesn’t get certified.
  + John Malyar said that is true for all test cases.
* iconectiv confirmed that the transition schedule would be at risk if they were to make the change. The LOEs for the PIMs that iconectiv agreed to take are not High, but PIM 93 puts them at risk and it cannot be accommodated by the December 15th software release.
* Neustar requested time to talk to its customers since this is the first that Neustar is hearing that iconectiv cannot make the change due to the impact to their timeline.
* The TOM mentioned that they have been facilitating testing and have been asking both iconectiv and the local vendors to make impact assessments. Based on the LOE, it seems that this one is better for the local vendor to correct.
* Neustar agreed to make an assessment on PIMs 93 and 102 overnight in order to provide a response during the Wednesday morning WG session.
* PIM 94 – NOT Filter – Associated NANC 506 was accepted. iconectiv took the action to update NANC 506 overnight to reflect that the NOT filter will only apply to queries. **Action Item 09122017-01**: iconectiv to update NANC CO 506 to reflect that the NOT filter will only apply to queries.



* PIM 95 – Effective Release Date – Associated NANC 507 was accepted.



* PIM 96 – Recovery SP Name – Associated NANC 508 was accepted.



* PIM 97 – Modified Pending Old SP Authorization – Associated NANC 509 was accepted.



* PIM 98 – NPA NXX Delete Recovery – Associated NANC 510 was accepted.



* PIM 99 – SP Query Response RDN:
* iconectiv’s LOE is L-M
* Neustar’s local system LOE is H+ (well beyond 30 days development)
* iconectiv will make the change. Associated NANC 511 was accepted.



* PIM 100 – SP Recovery Request RDN – Associated NANC 512 was accepted.



* PIM 101 – LSMS Query Response Attributes:
* Neustar LOE is H (30 days)
* iconectiv believes they can do this by their 12/15/2017 release (L-M LOE)
* iconectiv will make the change. Associated NANC 513 was accepted.



* PIM 102 (NANC 504 is the Change Order number that is reserved for PIM 102):
  + Neustar’s local system LOE is over 30 days (H+)
  + iconectiv’s LOE is H
  + Neustar took the action tonight to make the assessment on PIM 102 and provide a response tomorrow (Wednesday) morning - **Action item 09122017-02**. This action item was completed 9/14/2017.



* There were no objections to forwarding all accepted Change Orders above to the NAPM LLC for an SOW request to iconectiv. They are NANCs 505, 506, 507, 508, 509, 510, 511, 512, and 513. The Tri-Chairs have an action item to forward those accepted Change Orders to the NAPM LLC with a recommendation for an SOW request to iconectiv. **Action item 09122017-03 –** Tri-Chairs to forward Change **Orders** 505, 506, 507, 508, 509, 510, 511, 512, and 513 to the NAPM LLC**.**
* NOTE: NANC Change Orders 500, 501, and 502 were previously accepted and forwarded to the NAPM LLC with a recommendation for an SOW request to iconectiv.

**NANC Change Orders 491, 504**



* iconectiv stated that NANC 491 will be incorporated into the next iteration of industry documents. NANC 491 was not reviewed in session.
* Michael Doherty, iconectiv, walked through the attached Change Order Summary document and explained the format changes.



* John Nakamura asked if the LOEs will be filled in for the Change Orders in the Summary document. He said, historically, they were filled in as soon as they were known. iconectiv agreed to do so.

**WEDNESDAY September 13, 2017**

**Attendance**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| Lisa Marie Maxson | 10xpeople (phone) | Bridget Alexander | | JSI (phone) |
| John Skousen | 10xpeople | Dave Malfara | | LNP Alliance (phone) |
| David Alread | AT&T | Bonnie Johnson | | Minnesota DOC (phone) |
| Renee Dillon | AT&T | Anand Rathi | | Neustar |
| Teresa Patton | AT&T | Bill Reidway | | Neustar |
| Mark Bilton-Smith | ATL | Dave Garner | | Neustar (phone) |
| Lisa Jill Freeman | Bandwidth.com (phone) | Gary Sacra | | Neustar |
| Rob Brezina | Bandwidth.com | Jim Rooks | | Neustar |
| Connie Stufflebeem | BKD, LLP (phone) | John Nakamura | | Neustar |
| Nancy Cornwell | Cellcom (phone) | Larry Vagnoni | | Neustar |
| Joy McConnell-Couch | CenturyLink | Lavinia Rotaru | | Neustar |
| Phil Linse | CenturyLink | Marcel Champagne | | Neustar |
| Glenn Clepper | Charter | Mubeen Saifullah | | Neustar |
| Erik Chuss | Chase Tech LLC (phone) | Paul LaGattuta | | Neustar |
| Randee Ryan | Comcast | Shannon Sevigny | | Neustar Pooling (phone) |
| Kim Isaacs | Electric Lightwave (phone) | Mary Retka | | SOMOS |
| Wendy Rutherford | GVNW (phone) | Hollie Carrender | | Sprint (phone) |
| Ranae Jensen | Google | Suzanne Addington | | Sprint |
| Cathy McMahon | iconectiv | Luke Sessions | | T-Mobile |
| George Tsacnaris | iconectiv | Paula Campagnoli | | T-Mobile |
| Joel Zamlong | iconectiv | Bill Reilly | | TOM |
| John Malyar | iconectiv | Greg Chiasson | | TOM |
| Ken Havens | iconectiv | Jonathan Turner | | TOM |
| Michael Doherty | iconectiv | Deb Tucker | | Verizon Wireless |
| Pat White | iconectiv | Jason Lee | | Verizon (phone) |
| Paul Mazouat | iconectiv | Peter Jahn | | Wisconsin PSC (phone) |
| Steven Koch | iconectiv |  | |  |
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**July 11-12, 2017 Draft LNPA WG Meeting Minutes Review:**

The July 11-12, 2017, LNPA WG DRAFT minutes were reviewed and approved. The minutes were issued as FINAL.

**August 9, 2017 and August 22, 2017 Draft LNPA WG Conference Call Minutes Review:**

The August 9, 2017, and August 22, 2017 LNPA WG DRAFT minutes were reviewed and approved. The minutes were issued as FINAL.

**Continued discussion of PIMs 93 and 102 from Tuesday**

**PIM 93 – PTO SV Create**

* Bill Reidway explained Neustar’s position and stated that the assumption about supporting existing behavior is still in place and they are going with the default position that iconectiv make the change.
* Bill said, without supporting or endorsing any particular action by the WG, Neustar has determined that Neustar can make the change from a development perspective in advance of iconectiv’s final Release B code drop for PIM 93.
* Bill said Neustar can have the code complete in time for when Release B is ready for testing.
* The PTO Flag attribute needs to be removed from the requirement.
  + iconectiv will take the action to introduce a doc only Change Order. iconectiv will update the resolution in PIM 93 to state that the local vendor will change its implementation to include only required attributes with the caveat that the PTO Flag will be removed. **Action Item 09122017-04:** iconectiv to introduce a doc only Change Order to remove the PTO Flag attribute from the requirement.

**PIM 102 – SWIM Recovery**

* Bill said this is a high level of effort from Neustar’s point of view. He said, understanding that the WG has to act, Neustar does not have a full level of technical implications yet. The LSMS processing for this platform is Neustar’s Service Bureau LSMS, which supports Neustar’s commercial applications like PortPS and SIPix. The users are potentially industry-wide. He said without saying no, Neustar hasn’t yet worked out the specifics to provide a full assessment to the WG. Neustar does not yet know the implications of having the iconectiv and Neustar NPACs behaving differently in a multi-region environment, e.g., recovery, backward compatibility and they will continue to work to find that out. He recommended considering going through the Change Order process here regarding this issue for addressing impacts if the iconectiv NPAC deviates from the Neustar NPAC. Testing is ongoing to confirm if the Neustar LSMS is the only LSMS experiencing a problem.
* Jim Rooks mentioned that there are some border/edge cases that require the attributes and there could be implications depending upon how the group moves forward.
* Neustar asked iconectiv if the change could be implemented following Final Acceptance.
  + iconectiv noted that there will be .x releases and patches. At this point there is not going to be one and only one code drop. Any Release B issues will be addressed after the final code drop.
  + Iconectiv agreed to consider temporary solutions that might be put on the table.
* Neustar is mainly concerned with the two NPACs acting differently for a period of time. It is not certain that the certification testing covers edge cases.
  + iconectiv said they are running additional tests to make sure they didn’t miss something and suggested that the two vendors continue to talk outside of the WG meetings.
* During the discussion it was clear that the group did not yet have enough information to determine how to properly handle the inconsistency in the documentation for SWIM recovery. Neustar and iconectiv both have valid arguments and the documentation is ambiguous.
* LNP Alliance noted a concern with setting a precedence with the new system working one way and the old system working a different way.
* The vendors agreed to work through the TOM to advance this issue as soon as possible. A two week period of time was given for the vendors to reach agreement. The TOM was expected to lead the discussion.
* An informal call was established for September 27, 2017 from 12pm – 1pm Eastern to discuss progress.
* Both vendors agreed to prepare their own versions of the Change Order for PIM 102.
* By 9/27/2017, the two vendors will develop a Change Order to clarify the SWIM process in the GDMO, FRS, etc. An informal document will be used until the NANC re-chartering process is complete, and then the WG will formalize the Change Order. PIM 102 will remain open.
* Action item for Neustar and iconectiv to work together to develop a Change Order for PIM 102. **Action Item 09122017-05:** Neustar and iconectiv to develop Change Order 504 modifications to address PIM 102.

**Updates from Other Industry Groups:**

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

**WIRELESS SERVICE ORDERING SUBCOMMITTEE**

The Wireless Service Ordering subcommittee met July 19, 2017.

Discussion

The committee reviewed acronyms in the WICIS document to determine what should be included in the ATIS Telecom Glossary. Recommendations were forwarded to the PTSC for inclusion in the ATIS Telecom Glossary.

The next checkpoint call is scheduled for October 12, 2017.

**LOCAL SERVICE ORDERING SUBCOMMITTEE**

The Local Service Order Subcommittee met July 14, July 26, August 8, August 20,

New Issues

No new Issues

Current Issues

Issue 3595 LSOG: Abbreviated High Speed Internet Form and Practice

Participants reviewed and modified the proposed new Data Unified (DU) Form and Practice

Issue 3596 LSOG: Add new NID Request (NIDR) value to reflect a NID move at the existing location.

Participants referred Issue 3596 to the Ordering Solutions Committee for Initial Closure

Other Discussions

FCC NPRM, Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges-CG Docket No. 17-169

Interest was expressed in filing reply comments. OBF WSO will be including in future meetings to discuss if reply comments should be filed by ATIS.

It was noted that the target date for the next LSOG release is November 15, 2017.

Next Meeting:

LSO will meet September 12 and September 29, 2017.

**NANC Future of Numbering Working Group Update – Suzanne Addington - Sprint**

* The FoN WG met once on August 2, 2017.
* A presentation was provided by Phillip Linse on the Testbed Landscape Team. This was a similar presentation that was given to the LNPA WG several months ago.
* Discussion was facilitated by Bridget Alexander from JSI to review recent FCC activity:
  + FCC NPRM – Protecting Consumers from Unauthorized Carrier Charges and Related Unauthorized Charges
  + FCC NOI – Telephone Number Reassignment Database
* The next FoN WG meeting is scheduled for October 11, 2017.

**INC (Industry Numbering Committee) - Dave Garner – Neustar:**

**INC Issue 839: Combine the Central Office Code (NXX) Assignment Guidelines (COCAG) and the Thousands-Block (NXX-X) Administration Guidelines (TBPAG) into one Document**

Issue Statement: The INC created the Central Office Code (NXX) Assignment Guidelines in the 1990’s during the transition of central office administration to the NANPA under the FCC contract, and then created the Thousands-Block (NXX-X) Administration Guidelines in the late 1990’s, when the FCC mandated thousands-block pooling. The INC has continued to maintain the two sets of Guidelines to address the processes for the separate NANP resources due to the different assignment procedures, different timelines, and different Number Administrators contracted by the FCC.

Although there are separate processes for central office codes versus thousands-blocks, there are also many similarities in administration and there are also processes that involve both codes and blocks. The INC has been discussing the administrative efficiencies that would be gained by combining the two sets of Guidelines, and reached consensus to develop a single document which will be more user-friendly to service providers, administrators, and INC.

**INC Discussion of Industry Activities**

INC continues to discuss industry activities and participant in joint meetings with other ATIS committees in order to identify and understand any impacts on numbering resources and current INC Guidelines. During July and August meetings, INC:

Contributed to ATIS Comments on FCC 17-24, CG Docket No. 17-59, NOI/NPRM on Advanced Methods to Target and Eliminate Unlawful Robocalls

Comments Filed on July 3, 2017

In Joint ATIS INC, Next Generation Interconnection Interoperability Forum (NGIIF), Packet Technologies and Systems Committee (PTSC) meetings, members provided input related to the potential blocking of illegal robocalls appearing to originate from unassigned, invalid, allocated but unassigned, and unallocated numbers.

Contributed to ATIS Comments on FCC-17-90A1, CG Docket No. 17-59, Second NOI on Advanced Methods to Target and Eliminate Unlawful Robocalls

On July 13, 2017, the FCC issued a Second Notice of Inquiry, to initiate a proceeding to address the problem of robocalls made to phone numbers of consumers who had consented to receive calls but whose phone numbers have subsequently been reassigned to a new consumer.

Comment Date: August 28, 2017

Reply Comment Date: September 26, 2017

In Joint ATIS INC, SMS/800 Number Administration Committee (SNAC) meetings, members provided input related to the FCC questions and comments. ATIS filed comments on August 28, 2017.

**NANC Update**

Deb and Paula updated the group on the NANC re-chartering process. The charter expires on September 18, 2017. It was unknown if an October call would be able to be held. The group planned on having a November Face-to-Face meeting.

**Architecture Planning Team (APT) Status Report - John Malyar/Teresa Patton:**

The group was updated regarding the APT session that was held earlier in the day.

**SHAKEN Presentation – David Hancock Comcast**

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David Hancock gave a presentation on the SHAKEN framework for proof of possession of telephone numbers. Chris Wendt assisted. The Tri-chairs will work with David and Chris to obtain updates for future LNPA WG meetings.

**Action Item(s) Review:**

**Project Executive Action Item**:

**07112017-19** – Project Executives will discuss document changes that will be needed to address removal of item h from requirements listed in section 1.7 of the NPAC SMS Turn Up Test Plan as it relates to complicating factors from cloud computing endeavors.

(h) When the hardware of a local product (SOA/LSMS) is changed (excluding same configurations for either replacement or cloud-based implementations), then Turn-Up Testing by local system developers and (optionally) Users is required. In this situation, standard regression test cases shall be performed.

* Lisa Marie Maxson, 10X People, said the revision addressed her request.
* There were no objections from the Working Group to accept this revision to SOW 24.
* Neustar and the NAPM PEs took an action item to follow up to finalize the SOW 24 revision to address cloud-based SOA and LSMS implementations. **Action Item 09122017-06**: Neustar and NAPM PEs to update SOW 24.
* Action item 07112017-19 is closed.

**Unauthorized port outs and fraud - Charter:**

Kathy Troughton reported that the subcommittee met on 8/1 to discuss the issue and how it impacts Service Providers involved. They had open discussions but were not able to reach consensus on how to resolve the situation. Participants agreed to identify trends by bad actors and to work cooperatively to mitigate potential customer impacting situations. This was the last meeting of the subcommittee.

**IP Transition effects on Number Portability – Phil Linse:**

The Testbed Focus Group met last on August 15th 2017

The use case sub groups have continued to be encouraged to, and have been meeting in between the main group meetings, to focus on moving forward with the individual test plan completion of the documentation. Use case statuses were reviewed and updated.  Several test plans continue to be documented and worked through and provided to the Testbed Focus Group for review.  Some preliminary testing is underway on some test cases and some test results have been provided.  The Testbed Focus Group Use Case Tracking Sheet is updated on each call for each use case.

ATIS and Neustar sponsored testbed includes several ATIS member and Non-member participants and observers.  Additionally, ATIS/Neustar testbed sponsors are willing to reach out to companies as recommended by interested members Testbed Focus Group members.  Just-In-Time number assignment, LERG Routing Guide IP Enhancements and  8YY IP Routing are three active test plans.  There are several other use Cases that are not active.

Several companies have signed the ATIS NDA and the Testbed Use Policy Agreement for participating in the testing and with full access to the testing documentation.  Others that wish to participate or observe are welcome to come forward and sign the Agreements.

The next full team meeting is scheduled for 09/19/2017. The group’s next meeting after that is scheduled for 10/10/2017.

**Action Items Not Previously Discussed in the Agenda:**

CenturyLink provided an update on the NOT filter issue. It is sufficient for CenturyLink if iconectiv develops the NOT Filter functionality for queries only. Action Item 07112017-03 was closed.

**Unfinished/New Business:**

* Comcast asked to discuss the recent hurricane impacts. They have done some internal workarounds in their footprint to not have to port out of the LATA boundaries. The Katrina document was developed specifically for Hurricane Katrina, and they brought this up as a sharing point.
  + Bill Reidway gave an update status and noted the thing that was exceptional about Katrina was the FCC coordination to port outside of LATA boundaries and suspending some LATA edits. This process was extended to cover Hurricanes Harvey and Irma. The LATA ID edit was extended 9 months for Irma. For Harvey, one block of 100 numbers was moved outside the LATA and the other 100 were moved outside the region. The Service Provider has not notified Neustar that the numbers have been activated for customers.
* Michelle Sclater, FCC, joined to provide some guidance regarding the expiration of the NANC Charter on September 18th. They are working as fast as they can to re-charter as quickly as possible. Applications were due last Friday and they are vetting everyone that applied. While the charter is expired and before the next charter is activated, there will be no Working Group activity. Ad hoc meetings can be held but they can’t be done under the NANC WG and no voting can take place.
  + The vetting that is going on now is for the NANC members and then the WG chairs will be selected.
  + The distribution list can be used to notify folks of any informal meetings.
  + The work is expected to be completed in time for the December NANC meeting.
  + The TOM will be asked to run a meeting in November in lieu of the LNPA WG meeting if the vetting process is not complete by then.

**2018 Meeting Schedule:**

January 9-10, 2018 - F2F

February 7, 2018 – call

March 6-7, 2018 - F2F

April 4, 2018 – call

April 24-25, 2018 F2F

May 16, 2018 – call

June 5-6, 2018 – F2F

July 10-11, 2018 – F2F

August 8, 2018 – call (if needed)

September 11-12, 2018 – F2F

October 10, 2018 – call (if needed)

November 6-7, 2018 – F2F

December 5, 2018 – call (if needed)

**September 2017 Meeting Adjourned:**

Having completed the agenda for the September 12-13, 2017, LNPA Working Group meeting, the meeting was adjourned.

**2017 LNPA Working Group Meeting Schedule:**

January 10-11, 2017 – iconectiv – Scottsdale, AZ

February 8, 2017 - call

March 7-8, 2017 - Comcast – Denver, CO

April 5, 2017 - call

May 2-3, 2017 – Neustar – Miami, FL

June 7, 2017 - call

July 11-12, 2017 – Bandwidth – Durham, NC

August 9, 2017 - call

September 12-13, 2017 – CenturyLink – Denver, CO

October 4, 2017 – call (cancelled)

November 7-8, 2017 – Charter – Tampa (informal industry meeting)

December 6, 2017 - call

***Next Meeting … November 7-8, 2017: Location Tampa, FL…Hosted by Charter***

***NANC re-chartering was still underway and the TOM will facilitated an informational transition meeting.***