LNPA Transition Oversight Sub-Committee

January 9-10, 2018 Meeting

Minutes

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| **San Diego, CA** | **Host: iconectiv** |

**TUESDAY January 9, 2018**

**Attendance**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| John Skousen | 10xpeople | Bonnie Johnson | | Minnesota DOC (phone) |
| David Alread | AT&T | Lynette Khirallah | | NetNumber (phone) |
| Renee Dillon | AT&T | Anand Rathi | | Neustar |
| Teresa Patton | AT&T | Dave Garner | | Neustar (phone) |
| Mark Bilton-Smith | ATL | Gary Sacra | | Neustar (phone) |
| Anna Kafka | Bandwidth.com | Jim Rooks | | Neustar |
| Lisa Jill Freeman | Bandwidth.com | Lavinia Rotaru | | Neustar |
| Rob Brezina | Bandwidth.com | Marcel Champagne | | Neustar (phone) |
| Shannon Donohue | Callfire | Lavinia Rotaru | | Neustar |
| Marian Hearn | Canadian LNP Consortium (phone) | Pamela Connell | | Neustar (phone) |
| Nancy Cornwell | Cellcom (phone) | Paul LaGattuta | | Neustar (phone) |
| Joy McConnell-Couch | CenturyLink | Shannon Sevigny | | Neustar Pooling (phone) |
| Phil Linse | CenturyLink (phone) | Cynthia Day | | NTS Communications (phone) |
| Glenn Clepper | Charter (phone) | Towanda Russell | | RCN |
| Kathy Troughton | Charter (phone) | Mary Retka | | SOMOS |
| Randee Ryan | Comcast | Hollie Carrender | | Sprint |
| Kim Isaacs | Electric Lightwave (phone) | Rosemary Leist | | Sprint |
| Sheri Pressler | Frontier Com (phone) | Suzanne Addington | | Sprint |
| Wendy Rutherford | GVNW (phone) | Jeanne Kulesa | | Synchronoss |
| Cathy McMahon | iconectiv | Bob Bruce | | Syniverse |
| Doug Babcock | Iconectiv (phone) | Luke Sessions | | T-Mobile |
| George Tsacnaris | iconectiv | Paula Campagnoli | | T-Mobile (phone) |
| Joel Zamlong | iconectiv | Bill Reilly | | TOM |
| John Malyar | iconectiv | Greg Chiasson | | TOM |
| Michael Doherty | iconectiv | Amanda Molina | | Townes Telecom (phone) |
| Pat White | iconectiv | Dave Lund | | US Cellular (phone) |
| Paul Mazouat | iconectiv | Tonya Golub | | US Cellular (phone) |
| Shanmugavel Krishnan | iconectiv | Bale Pathman | | Verizon Wireless |
| Steven Koch | Iconectiv (phone) | Deb Tucker | | Verizon Wireless |
| Bridget Alexander | JSI (phone) | Kathy Rogers | | Verizon Wireless |
| Dave Malfara | LNP Alliance (phone) | Dawn Lawrence | | Verizon (phone) |
| Jerry James | LNP Alliance (phone) | Jason Lee | | Verizon (phone) |

**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

|  |  |  |
| --- | --- | --- |
| **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 |
|  |  |  |
|  |  |  |

**Introductions and LNPA WG Agenda Review**

**Transition Related Items**

**Industry Testing Status**

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iconectiv presented the industry testing summary (attached). Questions were raised regarding Disaster Recovery testing and why it appears as though XML vendors are not eligible to participate. iconectiv explained that it is a timing issue, that providers need to meet certain requirements in order to be able to participate. Those requirements include having connectivity, certified systems, weekend availability, etc. iconectiv was asked if they will offer participation after the listed dates and their response was that tests have to be completed on the schedule by 2/28, so unless the prerequisites met, the provider won’t be able to participate. Neustar expressed concern that they have customers that want them to participate and they are concerned that they will not have the opportunity to participate and wanted to make sure their concern was known.

**User Activation Timeline and Go-Live Preparation**

iconectiv presented information detailing steps required for gaining access and connectivity to the iconectiv NPAC production system (attached) for the various types of users.

Regarding the Application Connectivity Verification testing, Neustar emphasized that Service Providers should consult with the vendors to fully understand the process for swapping credentials due to concern related to potential problems that could arise when switching back to Neustar if the process is not done properly.

BDD file users were encouraged to start opening tickets with the iconectiv Help Desk as soon as the portal opens. It will be best not to wait until the go-live weekend to open the tickets for the BDD files.

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**Web site update – numberportability.com**

iconectiv provided a short demonstration of the site. The group discussed what type of updates might be required due to the changed configuration of the working group. It was generally agreed that the website should be updated to reflect the new name and co-chairs.

The iconectiv CMA has reached out to industry groups like ATIS to have documents with references to the NPAC updated to show the new NPAC. Furthermore, this process may require opening issues with the ATIS groups themselves.

**Action item 01092018-01:** Deb Tucker to discuss with the FCC DFO requirements regarding proper reference of this NANC Sub-Committee and to see if use of “LNPA WG” may continue.

**Action item 01092018-02:** Participants to consider potential updates or changes desired on the iconectiv NPAC website.

**PIMs and Change Order Discussion and Approvals**

**Review new Change Order Summary document**

The updated document was distributed and Michael explained that the highlighted COs are the ones that were reviewed at the September meeting and that the highlighting indicates that the requested changes were made.



**Review PIMs – Open/New**

Reviewed PIM TBD – XML Messages – Extraneous SPIDs. PIM was accepted and assigned PIM 103.



**Review Change Orders – Open/New**

Reviewed “double quotes” Change Order. The change order was accepted and given NANC 514



Reviewed “Boolean” Change Order. The Change Order was accepted and give NANC 515



Reviewed “Extraneous SPIDs” Change Order. Change Order was accepted and given NANC 516. PIM 103 for Extraneous SPIDs will be worked for future enhancements and the Change Order 516 addresses the current process. An SOW for this item will be generated once testing is complete.



Reviewed NANC Change Order - DOC Only for Industry TC –

Iconectiv agreed to create a Doc Only Change Order and it was assigned NANC 517.

**Review Industry Test Case Document**

Participants walked through updates to Change Order 491. This review encompassed a side by side comparison of the changes highlighted in CO 491 versus the change as shown in the actual TUTP document. The updates cover changes that we have been working on since vendor testing began 5/15/17. Neustar asked to have the documents distributed in MS Word files and iconectiv agreed to check into that possibility. The next step is to close Change Order 491 and post the changes to the website with Version 5 of the document. The document is now considered a baselined document. The new Change Order 517 will be the beginning document for future updates.

The group discussed that sunset items have differences where Neustar did not implement changes and iconectiv will take back how they will do the documentation for the two different NPACs up through the Final Acceptance Date.

Renee Dillon asked about the availability of the preceding 3 change orders, particularly in the test bed where group testing was taking place. John Malyar explained that the first 2 Change Orders were in the current industry certification test bed and iconectiv was trying to deploy the third over the weekend of January 13th-14th.

**Action item 01092018-03:** iconectiv to find out the schedule for propagating the accommodations to the Industry Test Bed

**Inter-carrier subcommittee status – R. Dillon**

The team has been meeting regularly and participants were reminded that if they were interested in participating to get in touch with Renee Dillon or Anna Kafka. Team has been reviewing test cases that were developed over the last couple of months. This is what Service Providers are now testing for Partner testing and Group Testing. The TOM has provided a survey link that is a good way to record testing progress. There’s been some good representation and it was reported that about 20 Service Providers were represented and they are in various stages of testing or preparing to test.

**WEDNESDAY January 10, 2018**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| John Skousen | 10xpeople | Bonnie Johnson | | Minnesota DOC (phone) |
| David Alread | AT&T | Lynette Khirallah | | NetNumber (phone) |
| Renee Dillon | AT&T | Anand Rathi | | Neustar |
| Teresa Patton | AT&T | Dave Garner | | Neustar (phone) |
| Mark Bilton-Smith | ATL | Gary Sacra | | Neustar (phone) |
| Anna Kafka | Bandwidth.com | Jim Rooks | | Neustar |
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| Dave Malfara | LNP Alliance (phone) | Dawn Lawrence | | Verizon (phone) |
| Jerry James | LNP Alliance (phone) | Jason Lee | | Verizon (phone) |

**September 12-13, 2017 Draft LNPA WG Meeting Minutes Review:**

The September 12-13, 2017, LNPA WG DRAFT minutes were reviewed and approved. The minutes were issued as FINAL.

**September 27, 2017 Draft LNPA WG Conference Call Minutes Review:**

The September 27, 2017 LNPA WG DRAFT minutes were reviewed and approved. The minutes were issued as FINAL.

**Updates from Other Industry Groups:**

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

**WIRELESS SERVICE ORDERING SUBCOMMITTEE**

The Wireless Service Ordering subcommittee met October 12, 2017 and December 14, 2017.

Joint meetings (OBF, INC, PTSC, and NGIIF) to discuss comments to be filed on NNP NPRM/NOI were held on October 27, 2017, November 6, 2017, November 15th 2017, December 4, December 8 and December 14, 2017

**Discussion**

ATIS provided reply comments on behalf of OBF in response to the FCC NPRM, Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges-CG Docket No. 17-169.

Nationwide Number Portability NPRM/NOI – ATIS hosted joint meetings (OBF, INC, PTSC, and NGIIF) to discuss comments that were filed December 27th.

The next checkpoint call is not yet scheduled as of the writing of this readout.

**LOCAL SERVICE ORDERING SUBCOMMITTEE**

The Local Service Order Subcommittee met September 12, September 25, 2017, October 3, 2017, October 23, 2017, November 16, December 4, December 6, and December 14, 2107

Joint meetings (OBF, INC, PTSC, and NGIIF) to discuss comments to be filed on NNP NPRM/NOI were held on October 27, 2017, November 6, 2017, November 15th 2017, December 4, December 8 and December 14, 2017.

**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

Deferred to a subsequent LSOG Release

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

Placed in Final closure

**Other Discussions:**

The Committee reviewed the issues that will be included in the January 31, 2018 LSOG Release.

ATIS provided reply comments on behalf of OBF in response to the FCC NPRM, Protecting Consumers from Unauthorized Carrier Changes and Related Unauthorized Charges-CG Docket No. 17-169.

Nationwide Number Portability NPRM/NOI – ATIS hosted joint meetings (OBF, INC, PTSC, and NGIIF) to discuss comments that were filed December 27th.

It was noted that the target date for the next LSOG release was changed to January 31, 2018.

**Next Meeting:**

LSO will meet

* January 18, 2018 11:00 am ET – 1:00 pm ET
  + February 1, 2018 11:00 am ET – 1:00 pm ET
  + February 13, 2018 11:00 am ET – 1:00 pm ET

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

**INC Issue 841: Review Need for International Inbound NPA (INT/NPA/NXX) Assignment Guidelines**

Issue Statement: The purpose of NPA 456 and its associated NXXs is to enable the routing of inbound international calls for carrier-specific services, particular to that service provider’s network, to and between countries served by the NANP. NANPA assigns 456-NXX codes to telecommunications carriers under industry developed guidelines entitled International Inbound NPA (INT/NPA/NXX) Assignment Guidelines, ATIS-0300049. On June 30, 2017, two 456-NXX codes were returned to NANPA. As a result, there are no 456-NXX codes assigned.

NPA 456 was assigned in 1993 and the International Inbound NPA (INT/NPA/NXX) Assignment Guidelines were created. As many as eight 456 codes were assigned in 1999, but all have since been returned or reclaimed. INC members investigated the use of this resource in their networks and determined that there is no longer a need for the 456 NPA. INC agreed to sunset ATIS-0300049, International Inbound NPA (INT/NPA/NXX) Assignment Guidelines, and age the 456 NPA for 5 years before the NPA is returned to the general purpose code pool.

NANPA has submitted a no-cost change order to the FCC for approval, in order to remove the capability for an applicant to request a 456 NPA. Once the change order was approved and implemented, NANPA published a Planning Letter on November 27, 2017 announcing the sunset of the INT/NPA/NXX Assignment Guidelines.

**INC Issue 842: *Clarify Proof of Receipt of 30-day Notice***

Issue Statement: NANPA and the PA have received questions regarding the Guideline requirement for interconnected VoIP providers to prove receipt of the 30-day notification by the state public utilities commission. The Guidelines should be amended to provide specific instruction.

INC agreed that the current Guidelines regarding the 30-day notification requirement for interconnected VoIP providers do not require proof of receipt by a state commission, they only require proof of submission to a state commission. This is consistent with the requirements in 47 CFR § 52.15(g)(3)(iv)(C).

No wording changes were made in the COCAG and TBPAG, but a footnote was edited to add the following sentence, “Some states have specific 30-day notice requirements. State specific 30-day notice contacts can be found at <https://www.nationalpooling.com/contact/voip/STATE30-DAYNOTIFICATION.xlsx> “

**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 September and October meetings, INC:

* 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.
* Filed Comments on August 28, 2017 and Reply Comments on September 26, 2017.
* In Joint ATIS INC, SMS/800 Number Administration Committee (SNAC) meetings, members provided input related to the FCC questions and comments.
* Contributed to ATIS Comments on FCC 17-133, WC Docket No. 17-244, WC Docket No. 13-97,

NPRM/NOI on Nationwide Number Portability and Numbering Policies for Modern Communications

* On October 26, 2017, the FCC issued this Notice of Proposed Rulemaking (NPRM) and Notice of Inquiry (NOI), seeking comment on how best to move toward complete nationwide number portability to promote competition between all service providers, regardless of size or type of service (wireline or wireless). They also explore how technical aspects of our current LNP and dialing parity rules hinder the efficient routing of calls throughout the network, causing inefficiencies and delays.
* Filed Comments on December 27, 2017
* In Joint ATIS INC, Next Generation Interconnection Interoperability Forum (NGIIF), Packet Technologies and Systems Committee (PTSC), and Ordering and Billing Forum (OBF) meetings, members provided input on impacts of the possible implementation of nationwide number portability.

**SHAKEN/STIR, IP Transition effects on Number Portability – Phil Linse**

The Testbed Focus Group met last on December 5th, 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.  Testing is underway on some test cases and some test result have been provided.  The Testbed Focus Group Use Case Tracking Sheet is updated on each call for each use case.

ATIS and Neustar sponsored SHAKEN 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.  LERG Routing Guide IP Enhancements and 8YY IP Routing are two other active test plans.  There are several other use Cases that are not active.

Several companies have signed the ATIS updated 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 01/16/2018. The group’s next meeting after that is scheduled for 02/13/2018. Gary Richenaker will be added to the agenda for updates on this topic at future meetings.

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

**09122017-04:** Iconectiv to introduce DOC only Change Order for removing the PTO flag attribute from the requirement– iconectiv to do this by Feb ’18 mtg. – Keep open

**09122017-05:** Change Order 504 modifications to address PIM 102

This item requires more discussion and should be brought up in future meetings. iconectiv suggested that since it might implicate changes to local systems, it should be deferred until after the transition but that iconectiv would support whenever the industry wanted to discuss iconectiv’s recommended two approaches. This item will be kept open to be addressed after testing completes.

**07112017-02:** Disconnect Pending message – this action item was closed with an accommodation made by iconectiv in Release B. However, there should be a discussion at a future meeting to determine if this is really the desired behavior to continue to support in the future.

**08222017-01:** iconectiv will complete FRS documentation updates for NANC 495 and include this Change Order in future document updates

**Unfinished/New Business:**

Contingency Rollback was discussed a bit during the Architecture Planning Team meeting (APT) and Neustar mentioned that the next steps weren’t clear. Neustar has concerns about the industry led rollback and if it would work. Neustar’s position is that the rollback needs to be tested. Neustar will lead the effort but needs commitment from the NAPM LLC that testing will be required for rollback because they don’t want to waste their time if testing isn’t going to be required. Teresa Patton, NAPM LLC Co-Chair, said the NAPM is looking to see if the industry can be forced to participate in testing and that is an open issue. When mentioned that Neustar counsel was on the phone to address the question, Deb said this would be a discussion for another forum.

Comcast mentioned support for rollback testing. Sprint, ATT, and Verizon Wireless stated they would participate in rollback testing. Several carriers mentioned an interest in testing scenarios that would include reconnecting to the Neustar testbed. The LNP Alliance said they would support testing, also. Deb asked which service providers sat behind the LNP Alliance. LNP Alliance said they support a variety of different access methods and processes.

**2018 Meeting Schedule:**

January 9-10, 2018 - F2F – San Diego, CA hosted by iconectiv

February 14, 2018 – call 10 Eastern

March 6-7, 2018 - F2F – Durham, NC hosted by Bandwidth

April 4, 2018 – call 10 Eastern

April 24-25, 2018 F2F – Overland Park, KS hosted by Sprint

May 9, 2018 – call

June 5-6, 2018 – F2F – TBD hosted by Neustar

Additional dates are tentative and preliminary subject to Commission Staff guidance.

CenturyLink can host in July or September in Denver if needed.

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)

**January 2018 Meeting Adjourned:**

Having completed the agenda for the January 9-10, 2018, LNPA Transition Oversight Sub-Committee meeting the meeting was adjourned.

***Next Meeting … March 6-7, 2018: Location Durham, NC…Hosted by Bandwidth***