LNPA WORKING GROUP

August 9, 2017 Conference Call

Final Minutes

**Attendance**

| **Name** | **Company** | **Name** | **Company** | |
| --- | --- | --- | --- | --- |
| David Alread | AT&T | Bridget Alexander | | JSI |
| Teresa Patton | AT&T | Jerry James | | LNP Alliance |
| Kim Isaacs | Allstream | Dave Garner | | Neustar |
| Deborah Anstead | AlticeUSA | Anand Rathi | | Neustar |
| Connie Stufflebeam | BKD | Mubeen Saifullah | | Neustar |
| Joy McConnell-Couch | CenturyLink | Jim Rooks | | Neustar |
| Glenn Clepper | Charter | Shannon Sevigny | | Neustar Pooling |
| Betty Sanders | Charter | Mary Retka | | SOMOS |
| Kathy Troughton | Charter | Hollie Carrender | | Sprint |
| Linda Birchem | Comcast | Suzanne Addington | | Sprint |
| Randee Ryan | Comcast | Bob Bruce | | Syniverse |
| Doug Babcock | iconectiv | Amanda Molina | | Townes |
| Michael Doherty | iconectiv | Bill Reilly | | Transition Oversight Manager |
| Steve Koch | iconectiv | Paula Campagnoli | | T-Mobile |
| John Malyar | iconectiv | Deb Tucker | | Verizon |
| Paul Mazouat | iconectiv | Kathy Rogers | | Verizon Wireless |
| George Tsacnaris | iconectiv |  | |  |
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**LNPA WORKING GROUP CONFERENCE CALL MINUTES:**

In order to align more closely with the Federal Advisory Committee Act (FACA), the FCC 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:   Paula Jordan Campagnoli, T-Mobile, Deb Tucker, Verizon, and Glenn Clepper, Charter

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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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**2018 SPID Migration Black-Out Dates**

Dave Gorton, iconectiv, walked through the attached presentation.



The LNPA WG approved the 2018 SPID Migration Black-Out dates proposed by iconectiv. Additionally, participants agreed that June 3, 2018 will not be blacked-out, although it is the first weekend of the month.

**Change Order and PIM Approvals**

3 new PIMs were approved

PIM 96 - , PIM 97 - , PIM 98 - 

A draft Change Order related to PIM 92 and optional xml string was discussed and the APT agreed to send it to the Working Group. The Change Order was accepted as NANC Change Order 502. 

Change Management

NANC TBD Error Code File Clarification – iconectiv walked through this item as both the CMA and the contributor of the information. There is a current requirement to produce an error code file. iconectiv needs more clarification on the contents of the file and they proposed changes to the FRS – RR6-112.



NEW ACTION ITEM 08092017-01: SOA and LSMS Vendors that use the application error code file in their systems are to state which columns in the error code file they are dependent upon. Change Order 503 was accepted. A 4 column error code file is needed instead of the 2 column file currently produced by iconectiv.

NANC Change Order 491 was last updated by Neustar as the CMA and it will be added to the list of items for the 8/22/17 meeting.

NANC Change Order 498 Overview – The overview provides options that may be implemented. iconectiv is seeking input on the desired direction to take. Long term implementation planning is underway.

NEW ACTION ITEM 08092017-02: SOA and LSMS vendors are to determine if they have an impact from this Change Order and to determine if CO 498 needs to be updated. The mechanized users of these vendors also need to respond. Be prepared to respond during the full LNPA WG meeting in September.



NANC Change Order 499 and 500 were discussed. Change bars and modifications were reviewed and clarifications were made.

CO 499 seeks to bring back RR5-54. The decision to delete the requirement was reversed and only the iconectiv NPAC is impacted by this change.

CO 500 is an IIS update that was inadvertently left off up front.

There were no objections to having the LNPA WG making a recommend to the NAPM LLC to request SOWs for Change Orders 499 and 500.

NANC Change Orders 501 and 502 were also approved to forward to the NAPM LLC to request SOWs.

NEW ACTION ITEM 08092017-03: Tri-chairs will forward Change Orders 499, 500, 501, and 502 to the NAPM LLC to request SOWs from iconectiv. (COMPLETED 8/9)

Action Items

Action items 07112017-02 and 07112017-03 were discussed and it was suggested that the action items be revised.

**07112017-02 -** Service Providers are to determine if it is necessary for them to receive a “Disconnect Pending” message when the Effective Release Date is in the past. **REVISED: All impacted users are requested to identify if a work around can be devised and how long can it be sustained after Go-Live. Expected response by 8/22.**

NetNumber, Comcast, Sprint and Verizon provided responses, but other providers were still reviewing internally. Comcast is impacted. ATT is still researching.

**07112017-03 -** Service Providers/Vendors to determine if they use the “NOT” operand in scoped and filtered queries. If so, determine if they have a work around. **REVISED: All impacted users are requested to identify how the NOT operand is used, which objects and which fields. If a work around can be devised, how long can it be sustained after Go-Live. Expected response by 8/22.**

NetNumber, Charter, Sprint, and Verizon are not impacted by this. ATT is impacted but could sustain a workaround for a short period of time. Comcast and Neustar are impacted by this. Neustar SB users do queries in the GUI and Neustar’s users will get an error when they run the query.

Comcast mentioned the All function is used to identify every item and it is very impacting to them. Connie from BKD mentioned that in the rural Iowa area, many rural providers use that feature all of the time and they need this function. It could take a considerable amount of time to make a change. Jerry James, LNP Alliance, reiterated that a solution is needed.

ATT asked for clarification on what would actually be implemented because the requirements aren’t clear on what was built in the current system. Current behavior needs to be documented. Service Providers need to look at their operations and see what can be done. If it is a 6 week re-tooling, people need to understand what the impact is.

**07112017-20** - captured for stakeholders to consider implications to not having a SPID migration blackout on 6/3/2018. Sprint brought this up in general terms.

There were no objections to not having 6/3/2018 blacked out for SPID migrations.

Continued discussion regarding NOT filters took place. Neustar stated that CMIP filters are extremely well documented. The FRS says the NOT filter is not required. IIS where filters are discussed and the fields that are discussed are there, too. The NOT filter is required for the XML interface. A question was asked about the difference in support between the two interfaces and the explanation provides is that the way queries are formed in XML is different than how the scoped and filtered queries are done for CMIP. iconectiv agreed to open a Change Order but they reiterated the need for Neustar to provide a contribution with what all is included in their existing process. Neustar agreed to take this back to see if they can comply.

NEW ACTION ITEM 08092017-04: Jim Rooks/Neustar to provide a date by which a response could be provided to iconectiv’s request for requirements on the implementation of the logical operator ‘NOT’ in the Neustar NPAC CMIP interface.

**LNPA Transition Testing**

iconectiv spoke about work taking place at the APT. Progress is being made with the vendors that are testing. All but one system are involved in testing and 9 out of 11 have completed at least one full pass of test cases.

**Action Item 07112017-17 - Informational summary of the July 2017 FCC meeting NPRM’s – Bridget Alexander**

Bridget provided the attached summaries to inform the group of the issues that are being addressed in the NPRM. The NPRM raises many questions. It could cause the elimination of simple ports and short time frames for porting. It was mentioned that it could impede competition if not handled properly. It was determined that the LNPA WG would not work on a consolidated comment on the NPRM, but participating entities were encouraged to provide their own individual comments.



**New Business/Walk-Ons**

No new business or walk-on items were presented or announced during the call.

The LNPA WG Tri-chairs received a summary document from iconectiv that provides PIM and Change Order information. Expediency is needed in resolving issues. An additional meeting will be held on 8/22 from 1 – 3 Eastern. The APT will meet first and then the WG. The summary information is provided here:

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| **Item** | **PIM Status** |  | **Next Step** |
| PIM 89 | Accepted 7/12 | Non-conformance – **USER ID** **Character Length**.  Action– iconectiv to create new Change Order | CO 500 was reviewed and approved on 8/9.  Tri-chairs have sent the Change Order to the NAPM LLC and the NAPM LLC have sent a request for an SOW to iconectiv |
| PIM 90 | Accepted 7/12 | Non-conformance – **CMISync invalid enumeration**.  Action– iconectiv to create new Change Order | CO 501 was reviewed and approved on 8/9.  Tri-chairs have sent the Change Order to the NAPM LLC and the NAPM LLC have sent a request for an SOW to iconectiv |
| PIM 91 | Accepted 7/12 | Non-conformance – **Date/Time Stamp Format**  Action– iconectiv to make a recommendation | Awaiting final LOE from vendors. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation |
| PIM 92 | Accepted 7/12 | Non-conformance – **Optional data in subscription doesn’t conform to XSD**  Action- iconectiv to provide recommendation | CO 502 was reviewed and approved on 8/9.  Tri-chairs have sent the Change Order to the NAPM LLC and the NAPM LLC have sent a request for an SOW to iconectiv |
| PIM 93 | Accepted 7/12 | Non-Conformance - **Values included in PTO SV create msg**  Action- iconectiv to provide a recommendation | Awaiting final LOE from vendors. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation |
| PIM 94 | Accepted 7/12 | Difference – **Scope included a “NOT” Filter**  Recommendation – Local system vendors to determine if this will cause a problem. | **LNPA** **WG Action item**: 07112017-03 - Service Providers/Vendors to determine if they use the “NOT” operand in scoped and filtered queries.  Revised action item to include: All impacted users are requested to identify how the NOT operand is used, which objects and which fields. If a work around can be devised, how long can it be sustained after Go-Live. Expected response by 8/22.  A new action item should be opened for Neustar to provide the requirements for what they have already implemented for the NOT filter over the CMISE interface. Due date: 8/16/2017  **Next** **Steps**: Evaluation of input will be used to determine impact on Transition Schedule |
| PIM 95 | Accepted 7/12 | Difference – **NPAC not generating “Disconnect Pending”.**  Recommendation – Service Providers to determine if this will cause a problem. | **LNPA** **WG Action item**: 07112017-02 - Service Providers to determine if it is necessary for them to receive a “Disconnect Pending” message when the Effective Release Date is in the past.  Revised action item to include: All impacted users are requested to identify if a work around can be devised and how long can it be sustained after Go-Live. Expected response by 8/22.  **Next** **Steps**: Evaluation of input will be used to determine impact on Transition Schedule |
| PIM 96 | Accepted on 8/9 | Difference – **Recovery of Optional SP Name**  Note: Distributed to LNPA\_WG on 7/31; to be discussed on 8/9 | Technical discussion was held on 8/9 APT and PIM was accepted at 8/9 LNPA-WG. Request vendor impact analysis by 8/22 meeting. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation. |
| PIM 97 | Accepted on 8/9 | Non Conformance – **Modified Pending OSP Auth**  Note: Distributed to LNPA\_WG on 7/31; to be discussed on 8/9 | Technical discussion was held on 8/9 APT and PIM was accepted at 8/9 LNPA-WG. Request vendor impact analysis by 8/22 meeting. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation. |
| PIM TBD | Discussed 8/9 | Non Conformance – **Relative Distinguished Name**  Note: Distributed to LNPA\_WG on 8/4; to be discussed on 8/9 | Technical discussion held on 8/9 APT. Consensus was to separate into 2 PIMs and re-present at 8/22/meeting. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation. |
| PIM 98 | Accepted on 8/9 | Difference – **NPA-NXX Delete in Recovery**  Note: Distributed to LNPA\_WG on 8/4; to be discussed on 8/9 | Technical discussion was held on 8/9 APT and PIM was accepted at 8/9 LNPA-WG. Request vendor impact analysis by 8/22 meeting. In parallel, iconectiv will evaluate possible accommodations including impact on Transition schedule and make a recommendation. |

***Next Meeting … August 22, 2017, 1 – 3pm Eastern***