

LNPA WORKING GROUP
September 13-14, 2016 Meeting
FINAL Minutes

Kansas City, KS	Host: Sprint
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TUESDAY September 13-14 2016
Attendance

Name	Company	Name	Company
Lane Patterson	10xpeople	Gary Sacra	Neustar
Lisa Marie Maxon	10xpeople	Jim Rooks	Neustar
David Alread	AT&T	John Nakamura	Neustar
Lonnie Keck	AT&T	Mubeen Saifullah	Neustar
Mark Lancaster	AT&T	Paul LaGattuta	Neustar
Teresa Patton	AT&T	Shannon Sevigny	Neustar Pooling (phone)
Renee Dillon	AT&T	Vikram Mehta	Oracle Communications
Tracey Guidotti	AT&T (phone)	Ann Fenaroli	Sprint
Anna Kafka	Bandwidth.com		
Lisa Jill Freeman	Bandwidth.com	Kenny Spiller	Sprint (phone)
Glenn Clepper	Bright House/Charter	Rosemary Emmer	Sprint
Nancy Cornwell	Cellcom (phone)	Suzanne Addington	Sprint
Mary Retka	CenturyLink (phone)	Paula Campagnoli	T-Mobile
Jan Doell	CenturyLink	Luke Sessions	T-Mobile
Matthew Nolan	Charter Comm (phone)	Amanda Molina	Townes Telecom
Eric Chuss	Chase Tech (phone)	Tanya Golub	US Cellular (phone)
Randee Ryan	Comcast	Deb Tucker	Verizon Wireless
Beth O'Donnel	Cox (phone)	Jason Lee	Verizon
Wendy Rutherford	GVNW (phone)	Kathy Rogers	Verizon Wireless
Doug Babcock	iconectiv	Michelle Constantine	West Telecom Services
George Tsacnaris	iconectiv	Brandy Melton	West Telecom Services
Joel Zamlong	iconectiv	Scott Terry	Windstream
John Malyar	iconectiv	Dawn Lawrence	XO Communications
Steven Koch	iconectiv		
Joel Zamlong	iconectiv		
Ken Havens	iconectiv		
Pat White	iconectiv		
Kimberly Issaac	Integra telecom (phone)		
Bridget Alexander	JSI (phone)		
Anand Rathi	Neustar		
Dave Garner	Neustar		

NOTE: OPEN ACTION ITEMS REFERENCED IN THE MINUTES BELOW WERE CAPTURED IN THE “September 13-14, 2016 LNPA WG ACTION ITEMS” FILE AND ATTACHED HERE.



LNPA WG Action
Items.docx

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 has been completed. Below are the names of those that have been vetted and approved as voting members of the LNPA WG.

Local Number Portability Administration (LNPA) WG

Approved Co-Chairs: Paula Jordan Campagnoli, T-Mobile
Dawn Lawrence, XO
Deb 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	Jan Doell	Mary Retka
Charter	Glenn Clepper	Allyson Blevins
Comcast	Randee Ryan	N/A
Cox	Jennifer Hutton	Beth O’Donnell
Integra Holdings	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	Darren Krebs	N/A
Windstream	Scott Terry	N/A
XO	Dawn Lawrence	N/A

July 12-13, 2016 Draft LNPA WG Meeting Minutes Review:

The July 12-13, 2016, LNPA WG DRAFT minutes were reviewed and approved with no changes and no objections to approving the minutes. They will be issued as FINAL.

Updates from Other Industry Groups

OBF Committee Update – Randee Ryan:

WIRELESS SERVICE ORDERING SUBCOMMITTEE

The Wireless Service Ordering subcommittee met July 20th and continues to monitor activities related to Nationwide Number Portability for potential impacts to the wireless porting process; The WSO agreed to wait for the results of the LNPA WG review before doing any separate analysis. The next checkpoint call is scheduled for October 19th, 2016.

LOCAL SERVICE ORDERING SUBCOMMITTEE

The LSO Subcommittee met July 15th, 2016 and August 5th 2016. The July 15th meeting was postponed until the August 5th meeting.

New Issues

No new issues were presented.

UOM Schema Review

Participants continue to review and make updates to model diagrams and schemas for the following LSR forms: CSI 122 and DL 111.

A detailed review of all fields and sections will take place with the goal of publishing a new version of the LSOG that will include closed Issues since LSOG 2Q14 along with updates to models and diagrams in LSOG Volume I and in Volume II and Schemas in Volume III. This will assist LSO in moving forward in a similar direction as ASO with four UOM parts (Base, Order, Preorder, Post Order) and a Notification section vs. just using a Local Response.

Next Meeting:

LSO will meet. September 1st, 2016 and September 29th, 2016

No questions from members.

INC Update – Dave Garner:

INC Issue 810: Remove CIC Contact's Phone Number and Mailing Address from CIC Assignment List Contained on the NANPA Website Assess

Issue Statement: In today's environment, where people who have access to the CIC contact information surely have access to email, it would be appropriate to change the contact information for the CIC Assignees to email addresses only. With the CIC contact's phone number and mailing address being readily available today, the CIC Assignees get many odd phone calls and requests that pertain primarily to non-CIC issues. These types of calls are very disruptive, and the CIC contact is being used erroneously as the only point of contact for all matters relating to the company. If contact was limited to email, it would reduce the number of odd issues coming to the CIC Assignees, and would also enable the CIC Assignees to more easily forward any odd issues to appropriate contacts within their company.

At the July INC meeting, it was agreed to add language to the CIC Assignment Guidelines, Section 5.3. reading: A CIC assignee may modify its contact information that appears on the FGB or FGD CIC Reports published on the NANPA website by submitting a Part A information change (e.g., removing a telephone number, adding an email address). At a minimum, either an email address or a telephone

number shall be maintained.

INC Issue 819: Update TBPAG and COCAG to require supporting documentation to link 30-day state notification and interconnected VoIP application if there is a name change

Issue Statement: TBPAG Section 4.3.1.1 and COCAG Section 4.2.2 should be updated to require supporting documentation in the case in which the company name appearing on the required 30-day state notification does not match the name on an interconnected VoIP application. Similar language appears in the Guidelines to require further evidence when a name on certification/license and/or facility readiness does not match the name on an application.

At the July INC meeting, INC agreed to update the TBPAG and COCAG to direct the interconnected VoIP applicant to provide verifiable merger/acquisition or name change documentation (e.g., state regulatory body or FCC approval, a copy of the NECA response to the SP confirming merger/acquisition or name change, letter of certification from an officer of the company) linking the name on the application to the name on the 30-day State Notification when they do not match.

This update aligns with the existing process requiring the name on the application to match the interconnected VoIP provider's national authorization from the FCC and facilities readiness documentation.

INC Issue 823: Updates to the Rate Center Consolidation Process

Issue Statement: In deregulated states where rate centers are being consolidated, there is not a need for regulatory authority verification.

At the July INC meeting, it was agreed to update the COCAG and the TBPAG to ensure that the exiting process for implementing rate center consolidations is followed even when no tariff filing is required in a particular state that has been deregulated. (e.g., SPs doing rate center consolidation/change must notify NANPA and the PA, SPs doing a rate center change are advised to adhere to the minimum timeframe of 90 days when planning this type of change, NANPA will issue a NANP notification to the industry, etc.)

This ensures that NANPA and the PA, iconectiv, and impacted service providers continue to have adequate notification to make the necessary updates in their systems.

-A question from a member was asked about how many states were deregulated and it is unknown at this time.

-A question was asked if any work was going on in the INC to stop NPA Splits and if something could be brought to the INC to work on it? Dave said there is not an open issue but they have discussed this in the past and are open to discussing it again. Dave said there is an INC meeting tomorrow and he will raise the concern to determine the next steps.

NANC Future of Numbering Working Group Update – Dawn Lawrence

**Future of Numbering (FoN) Working Group Report to the LNPA
WG**

September 13, 2016

FoN Tri-Chairs: Carolee Hall, Idaho PUC; Dawn Lawrence, XO Communications; Suzanne Addington, Sprint

Status:

The FoN WG held its quarterly meeting on August 3, 2016.

Nationwide Number Portability (NNP)

The FoN WG provided a final report to the NANC on April 15, 2016 on Nationwide Number Portability. On May 31, 2016, the ATIS PTSC sent a report to the NANC on their technical recommendations for NNP.

Update:

- During the June NANC meeting the acting chair requested the FoN WG to review the PTSC technical report on NNP for any possible changes to the FoN WG report submitted in April.
- The FON WG met in August and discussed and reached consensus that the FoN WG portion of the paper would not need any changes and will stand as submitted.

- Scheduled calls:

- 2016 Meeting Schedule:
October 5, 2016

Meeting times will remain 12:00ET/11:00 CT/10:00 MT/9:00 PT

No questions from members.

NANC Meeting Readout – Paula Campagnoli

Paula Campagnoli informed the LNPA WG that the next NANC meeting is scheduled for September 15, 2016. The Tri-Chairs will finish the NANC report after the September 13, 2016 LNPA WG meeting with any new items from the meetings that need to be reported.

Architecture Planning Team (APT) – John Malyar/Teresa Patton

Current Status of Test Cases

Will be meeting 9/14/2016 to review test cases and discuss new test cases.

Action Item

Action Item 071216-01 - Service Providers are to go back and internally check to determine what the trigger would be to sunset the functionalities in NANC 460 - CLOSED



Floor opened up for discussion:

- ATT position is that the item should be sunsetted when the NPAC transitions to the new vendor.
- The change management should be done prior to any of the testing beginning.
- A request needs to be sent to the NAPM LLC to request an SOW to sunset NANC 460 – which has no impacts to the LSMS or NPAC. The SOW would NOT be for the current vendor; but, for the NEW vendor!
- If we sunset these and if there is a rollback, then we need to make sure there is no issue doing a rollback
 - CenturyLink, T-Mobile, Charter and Sprint agree

Discussion on NANC 461, which do potentially have impacts to the LSMS or NPAC. Could the requirements be changed so that they do not have impacts? New Action Item for the APT to discuss.

New Action Item 091316-01 – APT to discuss NANC 461 to determine potential approach for sun setting SOA and/or LSMS impacting change orders.

NANC 454 – No SOA or LSMS impact for CMIP or XML. Remove unused messages from NPAC. The current status is that it was accepted but not implemented. This needs to be sent to NAPM to get SOW to sunset – This also needs to be sent to the NAPM to request an SOW to sunset, along with CO 460.

NANC 453- This also needs to be sent to the NAPM to request an SOW to sunset, along with Change orders 454 and 460.

Gary Sacra will send the tri-chairs the latest sunset list. (completed)



NANC 460 - Sunset Items With No Local Sys



NANC 461 - Sunset Items With Local Sys

Change Management

Two change orders were updated, and one change order was accepted:

1. (updated) NANC 460 – Sunset List Items – Local System Impact = No
2. (updated) NANC 461 – Sunset List Items – Local System Impact = Yes
-John N Change Order 383 – this functionality was never turned on. This is a tunable function in the NPAC and is currently turned off. This should be in NANC 460 and taken out of NANC 461.
3. (new) NANC 485 – Turn-Up Test Plan Doc-Only Clarifications

One change order has been updated: (we will discuss and potentially accept)

1. NANC 481 – GDMO Behavior Doc-Only Clarifications

And, three new change orders have been created: (we will discuss and potentially accept)

1. FRS Doc-Only Clarifications
Accepted and is Change Order 486 – doc only change.
2. IIS-EFD Doc-Only Clarifications
Accepted and is Change Order 487 – doc only change
3. XIS Doc-Only Clarifications
Accepted and is Change Order 488 – doc only change

Best Practice 04 – Sub-Committee Status Report – Glenn Clepper – Charter - **CLOSED**

- Deb Tucker – Verizon – from an initial read through, she asked if it means that the ICAs need to start over? Discussion took place and everyone agreed that the current arrangements that SPs currently have would suffice. Deb asked that a statement stating that no new agreements (i.e.: ICA) should need to be made, or language such as that.
- ATT wanted to understand how the new language clarified anything at all? Glenn stated that the subcommittee worked on this and all agreed that it helped clarify the BP
-ATT also has an issue with “Carriers should establish appropriate arrangements to insure that the donor carrier is compensated for performing the N-1 database dip function and routing the call.” This sentence will be deleted and changes to the wording was done.
- There are no objections to accepting this BP4. It will be given to the FCC at the NANC meeting.

Action Item remaining open from previous LNPA WG meeting:

PIM 88– Email Service Provider Porting Communication - Status Report: Suzanne Addington. **CLOSED**

-Discussion on PIM 88 – some edits were made to the language to make it clear in regards to BP 39.

- **PIM 88 was accepted and is now BEST PRACTICE 72.**

PIM 86 –070715-01 – The disputed port PIM submitted by Sprint was accepted to be worked as PIM 86. Lisa Jill Freeman (Bandwidth) will lead a sub-committee to work on details for a process to resolve disputed ports. If approved, the process will be documented as an LNPA WG Best Practice. The sub-committee participants are Suzanne Addington (Sprint), Jan Doell (CenturyLink), Bridget Alexander (JSI), Lonnie Keck (AT&T), Tracey Guidotti (AT&T), Jason Lee (Verizon), Deb Tucker (Verizon), Scott Terry (Windstream), Aelea Christofferson (ATL Communications), Randee Ryan (Comcast), and Luke Sessions (T-Mobile). At the March 2016 LNPA Working Group meeting, the subcommittee reported that they would like to expand the scope of this Action Item, PIM, and proposed Best Practice to include all erroneous ports: inadvertent, slamming, and disputed. The

Working Group agreed and the sub-committee will continue to work this issue, and is still led by Lisa Jill Freeman.

- **UPDATE:** Anna Kafka (Bandwidth) updated that progress is being made and they will continue to work on this and give an update in November.



PIM 86 - Process to handle Unauthorized

Testbed Focus Group

Mary provided the following email report:

The Testbed Focus Group met on 9/6. The test plan sub groups continued to meet in between the main group meetings, moving forward toward the completion of the documentation for the individual test plans. Test plan updates were provided for one test plan, and others remain underway. The test plan for Provider to Provider Secure Telephony Identity Protocols for End-to-End SIP Calls will be updated in alignment with the ATIS SIP Forum IP/NNI Task Force. Informal testing will be underway soon, and the first round of testing should occur in the near-term. Several companies in the Testbeds Focus Group are active in the FCC/AT&T Industry 60 Day Robo-Calling Strike Force. The next full team meeting is scheduled for 9/27.

No questions from the members.

IP Transition effects on Number Portability

Mary Retka provided a report:

LNPA Transition Discussion - All

The APT continues to review the industry test cases for turning up an NPAC/SMS.

Nationwide Number Portability (NNP) – ALL

Theresa Patton – a document was developed and will be added as an appendix to the existing white paper. This was approved by the members and will be given to the NANC at the September 15, 2016 meeting.



NANC LNPA WG
WHITE PAPER ON NC

Develop the LNPA WG Report to the NANC, FON, IMG, etc.

Paula Campagnoli will develop and distribute a draft NANC report for approval prior to the September NANC meeting.

The FON and IMG representatives will use the NANC report to update their respective groups.

Unfinished/New Business

2017 Meeting Schedule

January 10-11, 2017 - iconectiv

February 8, 2017 - call

March 7-8, 2017 Comcast

April 5, 2017 - call

May 2-3, 2017 – Neustar

June 7, 2017 - call

July 11-12, 2017 –

August 9, 2017 - call

September 12-13, 2017

October 4, 2017 - call

November 7-8, 2017

December 6, 2017 - call

Gary Sacra – SPID Migration Black Out Dates

(First Sunday of each month, major holidays and failover exercise)

January 1, 2017

Feb 5, 2017

March 5, 2017

April 2, 2017

May 7, 2017

May 28, 2017 – Memorial Day

June 4, 2017

July 2, 2017

August 6, 2017

September 3, 2017

October 1, 2017

October 22, 2017 – Failover Exercise

November 5, 2017

November 26, 2017 - Thanksgiving

December 3, 2017

December 24, 2017- Christmas

December 31, 2017 – New Year's Eve

Discussion of Need for October 12, 2016 LNPA WG Call

The prescheduled meeting for the October LNPA WG call will be used to hold an APT meeting.

STATUS OF ACTION ITEMS:

071216-01 - CLOSED

070715-01 (PIM 86)– still being worked on

New Action Item 091316-01 – APT to discuss NANC 461 to determine potential approach for sun setting SOA and/or LSMS impacting change orders.

September 2016 Meeting Adjourned

Having completed the agenda for the September 13-14, 2016, LNPA Working Group meeting, the meeting was adjourned. The remaining time allotted for meeting on September 14 will be used by the Architecture Planning Team (APT) to continue review of transition test cases.

2016 LNPA Working Group Meeting Schedule

MONTH (2016)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
January		5 th – 6 th	iconectiv	La Jolla, CA
February		11 th		Conference Call
March		1 st – 2 nd	Comcast	Denver, CO
April		13 th		Conference Call
May		3 rd – 4 th	Neustar	Miami, FL
June		8 th		Conference Call
July		12 th – 13 th	Bandwidth.com	Durham, NC
August		10 th		Conference Call
September		13 th – 14 th	Sprint	Overland Park, KS
October		12 th		Conference Call
November		8 th – 9 th	Verizon Wireless & AT&T	Atlanta, GA
December		7 th		Conference Call

Next Conference Call ... October 12, 2016

Next Meeting ... November 8-9, 2016: Location...Atlanta, GA ...Hosted by ATT