

LNPA WORKING GROUP
September 9-10, 2014 Meeting
FINAL Minutes

Denver, Co	Host: CenturyLink & Verizon
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TUESDAY September 9, 2014
Attendance

Name	Company	Name	Company
Lonnie Keck	AT&T	Karen Hoffman	JSI (phone)
Teresa Patton	AT&T	Dave Garner	Neustar
David Alread	AT&T (phone)	Fariba Jafari	Neustar
Mark Lancaster	AT&T (phone)	Gary Sacra	Neustar
Renee Dillon	AT&T (phone)	Jim Rooks	Neustar
Ron Steen	AT&T (phone)	John Nakamura	Neustar
Tracey Guidotti	AT&T (phone)	Marcel Champagne	Neustar
Matt Nolan	Bright House	Mubeen Saifullah	Neustar
Marian Hearn	Canadian LNP	Paul LaGattuta	Neustar
Jan Doell	CenturyLink	Bill Reidway	Neustar (phone)
Mary Retka	CenturyLink	Lavinia Rotaru	Neustar (phone)
Brenda Bloemke	Comcast	Shannon Sevigny	Neustar Pooling (phone)
Linda Birchem	Comcast (phone)	Towanda Russell	RCN (phone)
Beth O'Donnell	Cox (phone)	Rosemary Emmer	Sprint
Jennifer Hutton	Cox (phone)	Suzanne Addington	Sprint
Joan Bridgeman	Cricket (phone)	Karen Riepenkroger	Sprint (phone)
Linda Peterman	Earthlink Business (phone)	Shaunna Forshee	Sprint (phone)
Wendy Trahan	GVNW (phone)	Darren Post	Synchronoss
Doug Babcock	iconectiv	Luke Sessions	T-Mobile
George Tsacnaris	iconectiv	Paula Campagnoli	T-Mobile
Joel Zamlong	iconectiv	Jason Lee	Verizon (phone)
John Malyar	iconectiv	Deb Tucker	Verizon Wireless
Steven Koch	iconectiv	Scott Terry	Windstream (phone)
Natalie McNamer	iconectiv (phone)	Dawn Lawrence	XO
Kim Isaacs	Integra (phone)	Tiki Gaugler	XO (phone)
Bridget Alexander	JSI (phone)		

NOTE: OPEN ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “September 9-10, 2014 WG ACTION ITEMS” FILE AND ATTACHED HERE.



September 9-10,
2014 LNPA WG ACTION ITEMS

LNPA WORKING GROUP MEETING MINUTES:

July 8-9, 2014 Draft LNPA WG Meeting Minutes Review:

The July 8-9, 2014, meeting minutes were reviewed and approved as final after correcting typos.

Updates from Other Industry Groups

OBF Ordering Solutions Wireless Service Ordering (WSO) Subcommittee Update – Deb Tucker:

OBF Ordering Solutions Wireless Service Ordering Subcommittee:

The Wireless Service Ordering Subcommittee met August 22, 2014 to review the LSO Subcommittee’s progress on Issue 3450, LSOG: Standard Validation and Submission Fields for REQTYPE “C” Simple and Non-Simple Port Orders. The WSO Subcommittee reviewed the definition for Non-Simple/Non-Complex ports (copied below) as well as the current usage for the proposed fields. Based on the current progress of Issue 3450 with no changes being made to the proposed fields for simple, non-simple/non-complex, and non-simple complex ports, there is no indication that a WICIS change will be necessary. The Subcommittee will continue to monitor the progress of this Issue.

LSO Subcommittee’s definition for Non-Simple/Non-Complex Port in the 070 practice:

Non-Simple/Non-Complex Port

Port Requests that:

- (1) do not involve unbundled network elements
- (2) may include more than one line but the quantity of TNs being ported may not exceed 50 (based on the current project criteria in LNPA WG Best Practice 67)
- (3) have a single service address on a single LSR
- (4) do not include complex switch translations (e.g., Centrex, ISDN, AIN services, remote call forwarding, or multiple services on the loop)
- (5) may include a reseller
- (6) do not have a negotiated project ID on the LSR
- (7) do not include hunting
- (8) involve all telephone numbers of an account (no partial ports)

(9) do not include a directory listing change (ELT of “C”).

Issue 3429 – WICIS Review for Alignment and Business Practices. This is a blanket issue opened to review the WICIS document for any needed updates and it remains open.

The next meeting is scheduled for October 21, 2014.

INC Update – Dave Garner:

INC Issues Report

LNPA WG Meeting – September 2014

INC Issue 748: Assess Impacts on Numbering Resources and Numbering Administration with Transition from Public Switched Telephone Network (PSTN) to Internet Protocol (IP)

Issue Statement: As the industry and regulatory bodies move from the current Public Switched Telephone Network (PSTN) towards Internet Protocol (IP), consideration needs to be given to the numbering scheme. Will the current telephone number format be utilized, in whole or part, in the IP environment or will some other numbering addressing format be used? It is necessary for INC to be aware of regulatory mandates and industry activities addressing the numbering protocol to be used for IP technology as well as numbering impacts during the PSTN to IP transition in order to update or create new numbering guidelines.

At the July meeting and during subsequent conference calls, INC continued to discuss developments regarding the PSTN to IP transition.

INC is working on a response to the FCC regarding the impacts of large-scale rate center consolidation during the transition from the PSTN to IP. The draft document:

- Outlines positive and negative impacts of large-scale rate center consolidation
- Documents impacts to carriers’ networks and systems
- Identifies regulatory changes that would be needed
- Identifies that large-scale rate center consolidation should be considered when the network architecture of the carriers operating in the area have transitioned from TDM to all-IP

INC Issue 778: Update INC Guidelines to identify Permitted Company Code (OCN) Category Types Appropriate for Assignment of Numbering Resources

Issue Statement: Service providers (SPs) entering into the telecom/VoIP industry require a NECA assigned Company Code (OCN) in order to receive numbering resources from NANPA or Pooling Administration. The OCN must be assigned to a NECA Category Code type that is permissible to receive numbering resources; however, the list of permissible categories has never been clearly defined. This has resulted in SPs ordering an OCN with an incorrect category type

for numbering resources, which may not be determined until the SP attempts to obtain numbering resources. And, this may cause a significant delay to the SP in establishing services. As well, some SPs may attempt to change the category type of their OCN after numbering resources have been assigned to it. Should this occur, the NANPA and the PA have no mechanism today to be notified of such a change to determine if the SP is permitted to retain currently assigned numbering resources and/or to deny requests for future numbering resources.

Suggested Solution: Update sections 4.1.1, 6.1.1, 8.1 and 8.2 in COCAG and sections 4.3, 4.4, 9.1.2 and 9.2 in the TBPAG to add reference of the permitted OCN category types for numbering resources and to require SPs to notify NANPA and the PA of OCN category changes to their OCN after the OCN has been added to NAS/PAS.

At the July INC meeting, the issue was discussed and agreement was reached to make edits to its guidelines (COCAG, TBPAG, Non-Geographic 5XX-NXX Code Assignment Guidelines, 9YY-NXX Guidelines, and p-ANI Guidelines) to clarify that only certain company code category types are permissible for direct assignment of numbering resources (CO codes, thousands-blocks, 5XX-NXX, 9YY-NXX, and p-ANI) from NANPA or the PA. Those are:

Incumbent Local Exchange Carrier	ILEC
Regional Bell Operating Company	RBOC
Competitive Local Exchange Carrier	CLEC
Personal Communications Service	PCS
Unbundled Local Exchange Carrier	ULEC
Wireless Carriers	WIRE
Internet Provider Enabled Services	IPES (only permitted with FCC waiver)

It was also noted that this agreement applies only to the U.S. and its' territories.

The issue is currently in a status of Initial Pending. Once the issue is in Final Closure status and the updated guidelines are published, INC will send correspondence to NECA requesting they make changes to their website and company code documentation to indicate what company code categories are permissible for direct assignment of numbering resources.

Questions and responses following Dave's INC update

- Paula Campagnoli asked if rate center consolidation will be easier in an all IP network environment. Dave responded that this has not been discussed at the INC. Paula expressed that she doesn't believe it will be any different in an IP network.
- INC is developing a report on large scale rate center consolidation during the IP transition for submission to the FCC.
- INC is inviting Penn Phautz, Brian Rosen, and Chris Drake to their November meeting to give the same presentations that they gave at the July LNPA WG meeting.

NANC Future of Numbering WG Update – Suzanne Addington:

Future of Numbering (FoN) Working Group Report to the LNPA WG September 8, 2014

FoN Tri-Chairs: Carolee Hall, Idaho PUC, Mark Lancaster, AT&T, Suzanne Addington, Sprint

Status:

- AT&T's contribution, "Numbering Test Bed Parameters" primary objective is to develop functional parameters that could be used in the numbering test bed trial proposed in FCC 14-5 (para 151-170) under WC Docket No. 13-97.
 - This contribution is on hold awaiting next steps of the FCC Numbering Test Bed.
- FTN 4 – The Geographic Numbering sub-committee is discussing the consumer perspective and service implications regarding the geography of telephone numbers and the decoupling or disassociation of numbers from geography. The sub-committee is creating a white paper to be shared with the FoN WG upon completion focusing on the implications for toll-free service.
- FTN 8 – All IP Addressing primary objective is to define future identifiers in support of IP industry trends beyond the e.164 numbering plan (including M2M impacts).
- Scheduled calls:
 - The first Wednesday of each month, from noon-2:00 PM ET
 - Next meeting: 10/01/14 @ 12:00 ET.

OBF Local Service Ordering Subcommittee – Linda Peterman:

OBF
ORDERING SOLUTIONS COMMITTEE
LOCAL SERVICE ORDERING SUBCOMMITTEE

Since the July, 2014 LNPA WG meeting, the LSO Subcommittee met July 25, 2014, to discuss the status of Issue 3450:

Participants reviewed the following Action Items associated with Issue 3450:

Action Item: Tonya Woods (CenturyLink) to check if there can be multiple TOS values on a single account and report back to the team on impact, if any.

It was noted that no impacts were discovered that were related to TOS. This action item was closed.

Action Item: Participants to revisit discussion on adding a non-simple/non-complex port indicator during a future meeting.

Participants noted that there was no support for a non-simple/non-complex port indicator. This action item was closed.

It was noted that partial migrations are outside the scope of this Issue.

3450a10 – participants reviewed the definition for Non-Simple/Non-Complex Port in the 070 practice:

Non-Simple/Non-Complex Port

Port Requests that:

- (1) do not involve unbundled network elements
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- (5) may include a reseller
- (6) do not have a negotiated project ID on the LSR
- (7) do not include hunting
- (8) involve all telephone numbers of an account (no partial ports)
- (9) do not include a directory listing change (ELT of “C”).

Participants reviewed the usage proposed fields for simple, non-simple/non-complex, and non-simple complex ports (3450a1v6).

Participants will continue reviewing the proposed field usage during the September meeting in Overland Park, KS.

It was noted that the results of the Issue 3450 will be shared with Tom Goode (ATIS General Counsel) to determine a path forward for communication to the FCC.

Agreement Reached: Issue 3450 will remain open.

Issues in Final Closure: None.

Issues Withdrawn: None.

Issues in Initial Closure or Initial Pending: None.

Participants prioritized the open LSO Issues:

High Priority

1. Issue 3477, LSOG: Standard field length minimums identified and repeating/# of occurrences on each field (next LSOG publication dependent on this Issue)
2. Issue 3450, LSOG: Standard Validation and Submission fields for REQTYPE “C” Simple and Non-Simple Port Orders

Medium Priority

1. Issue 3443, LSOG: Increase the Name fields' length in the 71 and 72 practices (to be worked after Issue 3450)
2. Issue 3373, LSOG: Standardization of RT of "Z" in the 099 practice for REQTYP "C" to be utilized by all providers

Low Priority

1. Issue 3478, LSOG: Replace LALO with LD/LV fields on Directory Listing form

It was noted that Issues 3448, LSOG – Add new Line Activity (LNA) value to require disposition of each Telephone number when converting, and 3449, LSOG – Allow for multiple Pilot Numbers on Hunt Group (HGI) form, are on hold pending internal review.

New Issues: None

The LSO has the following meetings scheduled:

DATE	CALL DETAILS
September 22-25, 2014	LSO Meeting Overland Park, KS Agenda: <ul style="list-style-type: none">• Issue 3373• Issue 3450

Resignation as Co-Chair of the LNPA Working Group

Following her report, Linda announced that she would be resigning her position as CLEC co-chair effective at the end of the year.

Elections to Fill Co-Chair Positions

At the November meeting, an election will be held for all the co-chair positions. Linda is vacating the CLEC position. Paula Campagnoli holds the Wireless position, and Ron Steen holds the ILEC position. Nominations for the positions should be sent to the current chairs. Please verify that persons nominated are willing to serve. Self-nominations are acceptable. Paula and Ron are willing to continue to serve if that is the desire of the group.

Change Management – Neustar

Discussion of Change Orders

John Nakamura reviewed the changes in the attached NANC Change Order document.



NANC Change
Orders 08-31-14.doc

- Regarding NANC 458, Deb asked if notification suppression was still optional in XML. Answer – you have to opt in to suppress, so it is optional.
- It was asked if suppression was automatically reciprocal. Answer – no, both SPIDs have to authorize, otherwise, it is single direction suppression.

ACTION ITEM 070914-04 – Neustar to update the “Level of Effort” table including removal of NANC 431 and 432 by **August 27, 2014**.

- The table has been updated – Action Item completed.
- Suzanne Addington asked if one vendor’s high LOE could be another vendor’s medium. Answer – yes. She then asked if the vendors could put parameters, e.g., development hours, around the definitions of high, med., and low, in order to get the vendors on the same page.
 - Jason Lee said that the NPAC LOE is usually totally different than the SOA and LSMS LOEs.
 - It was agreed that if/when we get closer to a final candidate list of Change Orders, the vendors may be asked to define their LOE ratings.

ACTION ITEM 070914-04 Is Closed

ACTION ITEM 070914-05 – Neustar to provide list of LSMS/SOA vendors connected to NPAC in order to identify any that don’t attend the WG meetings. If inappropriate to share the list, then Neustar will contact them individually to obtain the needed LOE information.

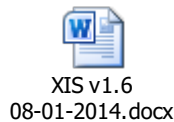
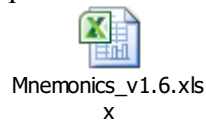
- Action Item completed.
- Neustar has identified 2 local system vendors that do not typically attend the WG meetings.
- Neustar has reached out to them 3 times since the July WG meeting with no response from either vendor.
- SPs were advised by the Co-Chairs to reach out to their respective vendors if they are customers of any vendor that does not attend the WG.

ACTION ITEM 070914-05 Is Closed

ACTION ITEM 070914-06 – Neustar to update the schema and XIS document to include changes to NANC 458 and distribute by **August 1, 2014**.

- Action Item completed.
- Jim reviewed the XIS and Schema changes for NANC 458. All changes were accepted.
- Summary of the XML Schema changes:

- Simple type Suppression Type was added.
- The attributes initiator_suppression, request_sp_id_suppression, and other_sp_id_suppression were added to SOA requests.
- The SV Query reply attribute sv_old_sp_authorization as been changed from required to optional.



ACTION ITEM 070914-06 Is Closed

ACTION ITEM 070914-03 – Local systems vendors are to provide level of effort required to implement NANC 458 to Paula Campagnoli by **August 20, 2014**.

- All vendors that participate in the WG have provided their LOEs for NANC 458.

ACTION ITEM 070914-03 Is Closed

Wireless SPIDs with long timers

At the July WG meeting, Lonnie Keck asked if Neustar could provide a list of wireless providers who use long timers.

ACTION ITEM 070914-07 – Lonnie Keck, AT&T, asked if Neustar could provide a list of wireless providers that use long timers. Neustar will investigate to determine whether or not this is confidential information that can be provided.

- Neustar explained that this is confidential NPAC User data, and the specific carriers could not be disclosed publicly.
- Aggregated counts by region of wireless carriers with long timers were provided by Neustar and sent out over the WG distro on July 15, 2014.

ACTION ITEM 070914-07 Is Closed

Discussion of Alternative Interface (NANC Change Order 372)

Discussion of industry testing

- One vendor has completed certification testing and is now in production taking downloads in XML.

Mobile Virtual Network Operator (MVNO)

The MVNO discussion was listed on the agenda with a hard start at 2:00pm MST in order to allow companies to have their subject matter experts join the discussion.

ACTION ITEM 070914-01 – In order to address the issue of telephone numbers obtained by Mobile Virtual Network Operators (MVNOs) from wireline SPs not being populated on the Intermodal Ported Number Lists (used by telemarketers to assist in determining which numbers can and cannot be called), Service Providers are to determine if modifying the SV Type in NPAC for these numbers to 1 (wireless) but maintaining the SVs' association with a wireline SPID in NPAC, will result in any issues within their systems. Responses should be sent to the Co-Chairs by Wednesday, **August 6, 2014**.

Neustar will also send this information to the NPAC Cross Regional list with responses to be furnished back to them by **August 6, 2014**.



PIM Submission for
MVNO Issue (FINAL).

- Neustar introduced the attached PIM on the MVNO issue that was discussed at the July 2014 LNPA WG meeting, explaining that the objectives of the PIM are to:
 1. Further and expand the discussion of the issue within the industry,
 2. Work within the industry and Regulators to determine how wireline TNs that are associated with wireless devices should be classified, i.e., wireline or wireless TNs,
 3. Depending on how these TNs should be classified, determine and develop manageable interim and permanent solutions to the issue, if necessary, of these TNs not being populated on the Intermodal Ported Number Lists, which are administered by Neustar and populated based on NPAC data.
 4. Determine how the FCC should be kept informed of the WG's progress on the issue.
- Jan Doell suggested that maybe the MVNO could have in their agreement with the end user that they will not be on the Do Not Call list.
- Teresa Patton stated that she does not believe this is a WG issue unless the carriers involved bring the PIM into the WG. She further stated that Neustar is caught in the middle of this issue and should not be responsible for bringing the issue to the WG. The WG agreed that this issue will not be entertained unless the involved carriers that are providing this type of service come to a WG meeting to explain their use of the TNs. The PIM was not accepted.
- Neustar will reach out to the involved carriers to see if there is any willingness to sponsor the PIM and come to the WG to further explain the issue and how these TNs are being used by their end users.

ACTION ITEM 070914-01 Is Closed

Determine what NPAC Functionality should be considered for sunset list

The details of the billing categories/billing data sunset item are provided in the embedded file below. Neustar marked the file with recommendations for striking some of the requirements.



sunset discussion -
FRS billingsection upd

ACTION ITEM 070914-02 – Service providers are to be prepared at the **September 2014** meeting to discuss their company positions on which line items of the billing categories/billing data highlighted in the embedded attachment can be sunset.

Some SPs stated that they need additional time to discuss this internally, so this will be discussed at the November meeting.

Action Item 070914-02 remains open.

FCC DA 14-842 Order - Best Practice 30 and 65



Best Practice 30
revision proposal bas



Best Practice 65
revision proposal bas

- Jan Doell presented the attached suggested revisions to BP30 and BP65 reflecting actions by the NANC and FCC.
- Jan took an action item to reword Note 2 in BP30 to reflect that the FCC did not approve the cessation of splits, and to add in the Decisions and Recommendations of BP30 that the WG developed a pro/con list of overlays vs. splits, for review at the November WG meeting.
- Neustar took an action item to add Notes 3 and 4 as shown in the attached file to BP65 on the website.

New Action Item 090914-01 – Jan Doell to reword Note 2 in Best Practice 30 to reflect that the FCC did not approve the cessation of NPA splits, and to add in the Decisions and Recommendations section that the WG developed a list of pros and cons for overlays vs. splits. This will be reviewed at the November meeting.

New Action Item 090914-02 – Neustar will add the following notes to Best Practice 65 on the Best Practice website:

- NOTE-3: The NANC approved BP65 and the associated NANC LNP Process Flows in their September 2013 meeting, and the NANC forwarded their recommendation for approval to the FCC on October 17, 2013.
- NOTE-4: After a Public Comment cycle completed, Best Practice 65 was approved and mandated by the FCC in DA 14-842 dated June 20, 2014.

2015 Proposed Meeting Schedule

2015 Meetings and Conference Calls

MONTH (2014)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
January		6 th -7 th	iconectiv	TBD
February		11 th		Conference Call
March		3 rd - 4 th		TBD
April		8 th		Conference Call
May		12 th - 13 th	Neustar	TBD
June		10 th		Conference Call
July		7 th - 8 th	CLNPC	Ottawa
August		12 th		Conference Call
September		1 st - 2 nd	Comcast	Denver, CO
October		14 th		Conference Call
November		3 rd - 4 th	T-Mobile (tentative)	TBD
December		9 th		Conference Call

2015 SPID Migration Blackout Dates Discussion

- The following SPID migration blackout dates were agreed to for 2015:
 - Jan 4 (1st Sunday of month)
 - Feb 1 (1st Sunday of month)
 - Mar 1 (1st Sunday of month)
 - Apr 5 (1st Sunday of month)
 - May 3 (1st Sunday of month)
 - May 24 (Memorial Day Holiday)
 - Jun 7 (1st Sunday of month)
 - Jul 5 (1st Sunday of month and 4th of July Holiday)
 - Aug 2 (1st Sunday of month)
 - Sep 6 (1st Sunday of month)
 - Oct 4 (1st Sunday of month)
 - Oct 18 (Annual Failover Exercise)
 - Nov 1 (1st Sunday of month)
 - Nov 29 (Thanksgiving Holiday)

- Dec 6 (1st Sunday of month)
- Dec 27 (Christmas Holiday)

Onvoy Request to Exceed the 500K SPID Migration Limit on 10/26/2014

Regarding the request for approval from Onvoy for a SPID migration on 10/26 with 1.7 million SVs, the WG's decision is that the requesting SP needs to split up their migrations such that no migration Sunday will exceed 700K SVs, including any that are scheduled by any other providers. Neustar will still need to seek approval from the WG if any migration Sunday exceeds 500K, but as long as they do not exceed 700K, it was stated that they will likely be approved by the WG.

Subsequent to this discussion, Gary Sacra reported that all upcoming Onvoy migrations will be limited to a combined SV count for all migrations within a region to under 700k, including the SV count of any other SPs that have scheduled migrations.

Allow resellers and end users greater control on porting of numbers based on the process used in the toll free world. – Aelea Christofferson

Aelea Christofferson, ATL Communications, requested time on the agenda to discuss this subject, however, Aelea was not present to discuss. This will be deferred to the November meeting agenda.

WEDNESDAY September 10, 2014

Attendance

Name	Company	Name	Company
Lonnie Keck	AT&T	Bridget Alexander	JSI (phone)
Teresa Patton	AT&T	Dave Garner	Neustar
David Alread	AT&T (phone)	Fariba Jafari	Neustar
Penn Pfautz	AT&T (phone)	Gary Sacra	Neustar
Renee Dillon	AT&T (phone)	Jim Rooks	Neustar
Ron Steen	AT&T (phone)	John Nakamura	Neustar
Matt Nolan	Bright House	Marcel Champagne	Neustar
Marian Hearn	Canadian LNP	Mubeen Saifullah	Neustar
Jan Doell	CenturyLink	Paul LaGattuta	Neustar
Mary Retka	CenturyLink	Ramesh Chellamani	Oracle (phone)
Brenda Bloemke	Comcast	Rosemary Emmer	Sprint
Linda Birchem	Comcast (phone)	Suzanne Addington	Sprint
Beth O'Donnell	Cox (phone)	Karen Riepenkroger	Sprint (phone)
Jennifer Hutton	Cox (phone)	Darren Post	Synchronoss
Linda Peterman	Earthlink Business (phone)	Luke Sessions	T-Mobile
Doug Babcock	iconectiv	Paula Campagnoli	T-Mobile
George Tsacnaris	iconectiv	Deb Tucker	Verizon Wireless
Joel Zamlong	iconectiv	Scott Terry	Windstream (phone)
John Malyar	iconectiv	Dawn Lawrence	XO
Steven Koch	iconectiv	Tiki Gaugler	XO (phone)
Kim Isaacs	Integra (phone)		

IP Transition effects on Number Portability

Non-geographic Porting Sub-Team Readout

- Teresa reported that the team is developing a white paper with 3 sections – technical, customer impacts, regulatory.
- Meetings are scheduled for 9/18, 10/9, and 10/23.
- Mary Retka stated that there is a FoN sub-team discussing non-geographic porting as well.

**JSI Suggested Discussion Points for September 2014 LNPA WG Meeting –
Bridget Alexander**

{Note: Blue text in this section indicates JSI (Bridget) premises for discussion in the meeting. Red text shows comments and discussion by participants in the meeting.}

- Rosemary asked Bridget for for a summary of the upcoming JSI IP transition webinar.

- Bridget said that the webinar discusses the history of the transition and is geared towards their clients. When the FCC issues an order they will hold a webinar on what is necessary to complete the transition.
- ✓ What are the pros and cons of the NNI's idea of mapping an individual TN to SBC IP addresses via a SIP URI in the NPAC SV? The LNPA WG should review the NNI's idea and discuss the required NPAC changes to determine if it is an idea the LNPA WG will support and forward for NANC,
 - Bridget (JSI) stated that this item is meant to determine if mapping an individual TN to the IP addresses of Session Border Controllers in the NPAC is a good idea. And would it be used during and/or after the transition.
 - Penn Pfautz provided an update from the NNI Taskforce. NNI plans to issue a draft report to be out around Oct 1st. Will list an entire set of approaches – 2 will include the NPAC, one directly putting a URI in the SV, one repurposing the URI field to place a Name Server record. The NNI is looking for feedback. NNI has not been able to come to a consensus yet. Penn agreed to send the report, once developed, to the WG Co-Chairs, for distribution to the group for discussion at the November WG meeting.
- ✓ Now that we understand VoIP, IP interconnection possibilities, ENUM and the IP transition impacts on LNP ---- What's the LNPA WG's (and the overall industry's) next step? Discuss how the transition will impact LNP, identify issues and determine potential resolutions.
 - The WG will analyze the NNI report and provide feedback on the impacts to LNP.
 - Feedback will be given to the NNI and reported to the NANC.
- ✓ Discuss how the transition will impact LNP, identify issues and determine potential resolutions
 - Bridget asked if the WG has any ideas on how the NPAC can be used during the transition or if a new database is needed.
 - Paula and Ron said that the WG should review the NNI report and the alternatives, determine the impacts on LNP, and then discuss the impacts at that time.
 - Penn said that if the NPAC is used, there would be additional information in the NPAC, but the porting process should remain the same. Depending on the solution paths that are chosen, there may or may not be an impact on the NPAC. Everyone accepts that portability is here to stay and must be managed. The NNI report will not focus on portability. It will be up to the WG to take the report and determine the impacts on portability.
 - iconectiv stated that the WG should determine the feasibility of using the NPAC for the routing function during the transition and in an all-IP environment.
- ✓ Discuss the ramifications of using the NPAC to support LNP in an all-IP network versus construction of a new NPAC database strictly for LNP in an all –IP network.
- ✓ If day 2 of the WG meetings continues to specifically focus on the impacts of the PSTN to IP Transition on LNP, we do not have a sufficient, cohesive list of topics to be discussed.

Should we move the non-geographic number portability topic back into the entire LNPA WG rather than utilizing the sub-team to address the topic?

- WG members feel that the efforts of the Non-geographic subcommittee satisfy this concern expressed by JSI.
- JSI agreed.

Develop the LNPA WG Report to NANC – NANC Meeting September 17, 2014

Paula reviewed items to be included in the draft NANC report. It will be noted that a vendor has completed XML testing with the NPAC and is now in production.

Jan Doell asked about mentioning that we are awaiting status from the FCC on Best Practice 67. Paula indicated that she will verbally ask about the status but prefers not to put in the written report.

New Business

Lonnie Keck raised an issue regarding the reject code. WICIS has a code 1P for “Other.” A carrier complained that the losing provider was sending 1P and not populating the remarks field with any useful reason information that identifies what failed. They are just putting “other” in the remarks field. This is causing significant delay. Lonnie asked if the FCC had ever weighed in on this issue. No one could recall the FCC getting to this level of detail in any of their orders. BP 39 discusses this to some degree. This is becoming both a wireless and a wireline issue. Lonnie Keck took an action item to take the lead on updating Best Practice 39 to address this issue.

New Action Item 090914-03 – Lonnie Keck will draft proposed changes to Best Practice 39 recommending that when a losing carrier uses generic reject codes, clarifying information must be included in the remarks section. Examples of generic reject codes are 6C (Customer Information Does Not Match) or 1P (Other). Lonnie’s proposed changes will be reviewed at the November LNPA WG meeting.

Agenda Items for Future Meetings

The October 7 conference call is cancelled.

LNPA Working Group participants should send any items that they would like on the November agenda to Paula Campagnoli as soon as possible.

IP Transition will continue to be a standing agenda item.

Review of 2014 Meeting Schedule

2014 Meetings and Conference Calls

MONTH (2014)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
January		7 th – 8 th	iconectiv	Scottsdale, AZ
February		11 th <i>Canceled</i>		Conference Call
March		4 th – 5 th	Comcast	Denver, CO
April		8 th <i>Canceled</i>		Conference Call
May		13 th – 14 th	Neustar	Miami, FL
June		10 th <i>Canceled</i>		Conference Call
July		8 th – 9 th	T-Mobile	Portland, OR
August		5 th <i>Canceled</i>		Conference Call
September		9 th – 10 th	CenturyLink & Verizon	Denver, CO
October		7 th <i>Canceled</i>		Conference Call
November		4 th – 5 th	AT&T	Atlanta, GA
December		9 th		Conference Call

*Next Conference Call ... October 7, 2014 **This call is canceled.***

Next Meeting ... November 4-5, 2014: Location...Atlanta, GA ...Hosted by AT&T