

LNPA WORKING GROUP
July 12-13, 2011 Meeting
Final Minutes

New Orleans, Louisiana	Host: Neustar
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**LNPA WORKING GROUP ARCHITECTURE PLANNING
TEAM (APT) DISCUSSION:**

TUESDAY 07/12/11

Tuesday, 07/12/11, Attendance:

Name	Company	Name	Company
Tracey Guidotti	AT&T (phone)	Lavinia Rotaru	Neustar
Ron Steen	AT&T	Bill Reidway	Neustar
Teresa Patton	AT&T	Mubeen Saifullah	Neustar Clearinghouse
Renee Dillon	AT&T Mobility	Shannon Sevigny	Neustar Pooling (phone)
Lonnie Keck	AT&T Mobility	Sue Tiffany	Sprint Nextel
Barbara Hjelmaa	Brighthouse Networks	Carol Frike	Sprint Nextel
Marian Hearn	Canadian LNP Consortium	Chad Younger	Sprint Nextel
Jan Doell	CenturyLink	Suzanne Addington	Sprint Nextel
Mary Retka	CenturyLink (phone)	Karen Riepenkroger	Sprint Nextel (phone)
Karen Fahrenbruch	CenturyLink (phone)	Nancy Conant	Synchronoss
Vicki Goth	CenturyLink (phone)	Bob Bruce	Syniverse
Tim Kagele	Comcast (phone)	Joel Zamlong	Telcordia
Beth O'Donnell	Cox (phone)	Adam Newman	Telcordia
Devang Naik	DSET	Pat White	Telcordia
Jim Seigler	DSET	Lisa Marie Maxson	Telcordia (phone)
Linda Peterman	EarthLink Business	John Malyar	Telcordia
Shawna Forshay	Ericsson (phone)	George Tsacnaris	Telcordia
Crystal Hanus	GVNW (phone)	Steve Koch	Telcordia
Karen Hoffman	John Staurulakis, Inc. (phone)	Kayla Sharbaugh	Telcordia (phone)
Bridget Alexander	John Staurulakis, Inc. (phone)	Paula Jordan	T-Mobile
Kristin Hamilton	Neustar	Luke Sessions	T-Mobile
Michael O'Connor	Neustar	David Lund	US Cellular
Jim Rooks	Neustar	Gary Sacra	Verizon

Name	Company	Name	Company
Paul LaGattuta	Neustar	Jason Lee	Verizon (phone)
Stephen Addicks	Neustar	Deb Tucker	Verizon Wireless
Pamela Connell	Neustar	Imanu Hill	Vonage
John Nakamura	Neustar	Traci Brunner	Windstream
Jay Hjellum	Neustar	Dawn Lawrence	XO Comm.
Marcel Champagne	Neustar	Tiki Gaugler	XO Comm. (phone)
Dave Garner	Neustar		

NOTE: ALL APT ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “JULY 12_ 2011 LNPA WG APT ACTION ITEMS” FILE ISSUED IN A SEPARATE E-MAIL FROM THESE MINUTES AND ATTACHED BELOW.



JULY_12_2011 LNPA
WG APT ACTION ITEI

MEETING MINUTES:

2011 LNPA WG Meeting/Call Schedule:

Following is the current schedule for the 2011 LNPA WG meetings and calls.

MONTH (2011)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
January		11 th -12 th	Telcordia	San Diego, California
February		No meeting. 2/8/2011 LNPA WG call from 11am to 12pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# 2/8/2011 APT call from 12pm to 2pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#		
March		15 th -16 th	Comcast	Denver, Colorado
April		No meeting.		

MONTH (2011)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
		<p>4/12/2011 APT Live Meeting from 11am to 2pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#</p> <p>4/12/2011 LNPA WG call from 2:30pm to 3:30pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#</p>		
May		10 th -11 th	Canadian Consortium	Banff, Canada
June		<p>No meeting.</p> <p>6/14/2011 APT call from 11am to 12pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#</p> <p>6/14/2011 LNPA WG call from 12:00pm to 2:00pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#</p>		
July		12 th -13 th	Neustar	New Orleans, Louisiana
August		No meeting or call.		
September		13 th -14 th	Sprint Nextel	Overland Park, Kansas
October		No meeting. 10/11/2011 call if necessary		
November		9 th -10 th (NOTE THAT THIS IS A WEDNESDAY AND THURSDAY)	AT&T	San Antonio, Texas
December		No meeting. 12/13/2011 call if necessary		

- Continuing evaluation during 2011 will determine if interim conference calls are necessary or if the decision to meet face-to-face every other month should be revisited.

June 14, 2011 APT Conference Call Minutes Review:

- No changes were made to the DRAFT June 14, 2011 APT conference call minutes, and they were approved as FINAL.

APT Test Plan Review – All:

Action Item 051011-16: Neustar and Telcordia will create a list of Vendor (ITP) and Service Provider regression test cases, identify which are Vendor (ITP) and which are regression or which are both, determine which are conditional, and which apply to the following four categories:

1. New Service Provider and New Vendor,
2. New Service Provider and Experienced Vendor,
3. Experienced Service Provider and New Vendor,
4. Experienced Service Provider and Experienced Vendor.

The status of this work effort will be provided on the June 14, 2011 APT conference call and at the APT portion of the July 2011 LNPA WG meeting.

- A sub-team was formed to address Action Item 051011-16 made up of John Nakamura (Neustar and sub-team lead), Jim Rooks (Neustar), Pat White (Telcordia), Lisa Marie Maxson (Telcordia), John Malyar (Telcordia), Kayla Sharbaugh (Telcordia), Suzanne Addington (Sprint Nextel), Karen Fahrenbruch (CenturyLink), Renee Dillon (AT&T Mobility), Linda Peterman (Earthlink), Jim Seigler (DSET), and Gary Sacra (Verizon). Separate sub-team calls will be held.
- Action Item 051011-16 remains open.

Review of Change Order on Pending SVs – Neustar:

Action Item 061411-APT-01: Regarding the attached accepted PIM, Neustar will develop a related Change Order for review and discussion during the APT portion of the July 2011 LNPA WG meeting. See related Action Item 061411-APT-02.



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- Neustar presented the attached proposed Change Order addressing the PIM in Action Item 061411-APT-01. Neustar explained that this would only require code changes for the NPAC and not in local systems. There were no objections to accepting the

proposed Change order and it was designated NANC 446. Neustar will determine if an SOW is required to implement the Change Order.

- Action Item 061411-APT-01 is closed.

Action Item 061411-APT-02: Regarding the attached accepted PIM, **Service Providers** (and, in particular, non-EDR LSMS Service Providers) are to internally investigate the impact of allowing pending SVs to exist when a block is activated. The scenario being considered is only for the case where the code-owner SPID and the block-owner SPID are the same. This will be further discussed during the APT portion of the July 2011 LNPA WG meeting in conjunction with a proposed related Change Order. See related Action Item 061411-APT-01.

- No providers expressed any concerns. Action Item 061411-APT-02 is closed.
- It was suggested that we consider not allowing any new non-EDR LSMS vendors/SPs to come in while grandfathering existing non-EDR until they sunset. **Gary Sacra**, LNPA WG Co-Chair, will place a discussion regarding the sunseting of non-EDR support on the list of potential future agenda items.

APT Action Items Not Previously Discussed in Agenda – All:



JUNE_14_2011 LNPA
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Review of June 14, 2011 LNPA WG APT Action Items:

June 14, 2011 LNPA WG Action Items:

- Item 061411-APT-01: This item has been completed and is Closed.
- Item 061411-APT-02: This item has been completed and is Closed.

***Next APT Meeting ...Part of the September 13-14, 2011 LNPA WG Meeting:
Location...Overland Park, Kansas...
Hosted by Sprint Nextel***

FULL LNPA WORKING GROUP DISCUSSION:

TUESDAY 07/12/11

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Ron Steen	AT&T	Jay Hjellum	Neustar
Teresa Patton	AT&T	Marcel Champagne	Neustar
Mark Lancaster	AT&T (phone)	Dave Garner	Neustar
Renee Dillon	AT&T Mobility	Lavinia Rotaru	Neustar
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Karen Hoffman	John Staurulakis, Inc. (phone)	David Lund	US Cellular
Bridget Alexander	John Staurulakis, Inc. (phone)	Gary Sacra	Verizon
Eric Monkeliën	Level 3 (phone)	Jason Lee	Verizon (phone)
Kristin Hamilton	Neustar	Deb Tucker	Verizon Wireless
Michael O'Connor	Neustar	Imanu Hill	Vonage
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Stephen Addicks	Neustar		
Pamela Connell	Neustar		

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- Continuing evaluation during 2011 will determine if interim conference calls are necessary or if the decision to meet face-to-face every other month should be revisited.

May 10-11, 2011 Full LNPA WG Meeting Minutes Review:

- No changes were made to the DRAFT May 10-11, 2011 Full LNPA WG meeting minutes, and they were approved as FINAL.

June 14, 2011 Full LNPA WG Conference Call Minutes Review:

- No changes were made to the DRAFT June 14, 2011 Full LNPA WG conference call minutes, and they were approved as FINAL.

Report of FCC 09-41 Non-Compliance to NANC – All:

Action Item 051011-04: Neustar will determine if they can develop a list of inactive SPIDs, their associated SP Names, and the type of association, e.g., Service Bureau, etc, for use in determining any Service Providers that are not complying with the one-day porting Order. This will be discussed at the July 2011 LNPA WG meeting.

- Paula Jordan, LNPA WG Co-Chair, reported that a final list of non-compliant Service Providers should be available by next month. An updated MTI profile list, listed in order of SPID, was requested from Neustar.
- It was stated that we need to decide how/if we will refer the final list to the FCC. Concern was expressed that we will do this work and not be able to share it due to it being derived from confidential NPAC data.
- It was suggested that we finish the work and Gary Sacra, LNPA WG Co-Chair, will pose the question at the 9/15/2011 NANC meeting on how to proceed with the report with the understanding that it is derived from confidential NPAC data and that there are caveats that some providers may not be required to support one-day porting because they do not have any simple accounts.
- Action Item 051011-04 remains open.

Next Day Porting Lessons Learned – All:



Brainstorming of
Possible One Day Por

Action Item 051011-06: Gary Sacra, LNPA WG Co-Chair, will add an item to the list of possible one-day porting lessons learned addressing the need to develop a plan of action to address Service Providers who are not compliant to future regulatory mandates.

- Gary Sacra, LNPA WG Co-Chair, reviewed the addition to the attached potential lessons learned document per Action Item 051011-06. No additional items were identified.

- Action Item 051011-06 was closed.

Action item 051011-12: LNPA WG Participants are to come to the July 2011 LNPA WG meeting prepared to determine if we will move forward with a one-day porting (FCC 09-41 and FCC 10-85) lessons learned document, and, if so, who will participate in its drafting.

- **Teresa Patton** (AT&T), **Barb Hjelmaa** (Brighthouse), and **Bob Bruce** (Syniverse) will form a sub-team to develop a draft One-Day Porting Lessons Learned document, including a proposed process for addressing non-compliance to future regulatory mandates. The sub-team will be led by Teresa Patton (AT&T). Anyone wishing to join the sub-team should contact Teresa at teresa.j.patton@att.com.
- Action Item 051011-12 was closed.

Addition and Prioritization of Future LNPA WG Agenda Items – All:



Brainstorming of
Possible Future LNPA

Action Item 051011-07: Gary Sacra, LNPA WG Co-Chair, will add the following to the list of possible future LNPA WG agenda items:

1. Determining if and when the NPAC will move to support IPv6,
 2. Address the issue of future-dated pending SVs that are preventing the telephone numbers from being ported.
- Gary Sacra, LNPA WG Co-Chair, reviewed the attached future agenda items document with the group, discussing the added items per Action Item 051011-07. Action Item 051011-07 was closed.
 - Based on input from the group, it was agreed that **Gary Sacra**, LNPA WG Co-Chair, will update the Brainstorming of Future LNPA WG Agenda Items document to add the following, which were identified at the July 2011 LNPA WG meeting:
 1. Add a column to the table to provide the date when items are closed.
 2. Add an item for identifying functionalities to be considered for sunseting.
 3. Add an item for addressing non-compliance to future regulatory mandates.
 4. Add an item for addressing future FCC actions that affect porting/pooling.

NOTE: This Action Item has been completed. Please refer to the attached updated document.



Brainstorming of
Possible Future LNPA

- A discussion on issues related to NPA splits then ensued. **Neustar** will provide a description of the impacts of NPA splits on the NPAC to Teresa Patton, AT&T, for possible inclusion in a proposed Best Practice on NPA splits.
- The group briefly discussed the possibility of the FCC setting a sunset date for the PSTN, however, the group agreed that it is premature to address this.

Review & Update of LNPA WG Best Practices Document – All:



LNPA_NP_Best_Practices_07-04-2011.doc

Action Item 061411-LNPAWG-01: **Gary Sacra**, LNPA WG Co-Chair, will incorporate the attached accepted revision to Best Practice 25 into the overall LNP Best Practices document.



BP 25 in-vehicle services v2.doc

- The group reviewed and accepted the attached incorporated Best Practice 25 and agreed to close Action Item 061411-LNPAWG-01.

Action Item 051011-09: Regarding the attached revised Best Practice 32, **Gary Sacra**, LNPA WG Co-Chair, will shorten the Topic text to only include the 1st sentence, adding a reference to “port protection, and move the other sentences currently in the Topic section to the Decisions/Recommendations section. This will be reviewed at the July 2011 LNPA WG meeting.



Draft Revised BP 32 Carrier Freezes 07-04

- The group reviewed and accepted the revisions to Best Practice 32 per Action Item 051011-09 and agreed to close the Action Item.
- Regarding the attached approved revision to Best Practice 32, **Gary Sacra**, LNPA WG Co-Chair, will incorporate it into the overall NP Best Practices document.

Action Item 061411-LNPAWG-02: **Gary Sacra**, LNPA WG Co-Chair, will revise the 3rd paragraph in the Decisions/ Recommendations section of the attached approved revision to Best Practice 37 to read as follows:

“The evidence of authorization needs to be obtained and maintained by the New Local Service provider as required by applicable federal and state regulation, as amended from time to time.”

Gary will also accept all other revisions in the attached Best Practice 37 and incorporate the revised Best Practice 37 into the overall LNP Best Practices document.



Best Practices 37
Document_Proposed

- Gary Sacra, LNPA WG Co-Chair, will indicate in Best Practice 37 that the FCC has adopted language in support of the Best Practice. The group reviewed and accepted the changes based on Action Item 061411-LNPAWG-02 and agreed to close the Action Item.

Action Item 051011-15: Service Providers are to review the attached proposed revision to Best Practice 33, which has been modified to include Service Address Number (SANO) per the discussion at the May 2011 LNPA WG meeting, and come prepared to discuss on the June 14, 2011 LNPA WG conference call.



BP 33 draft 050311
v3.docx

- The group reviewed the attached proposed revision to Best Practice 33. It was stated that this has not gone to the OBF’s Local Ordering Task Force (LOTF) yet and that an issue needs to be submitted to the LOTF.
- Brighthouse, Earthlink, and Windstream stated that they are not in support of this proposed Best Practice revision. They stated that they need more than 4 fields for validation for complex ports. They stated that they need Name and Address for complex ports. It was asked what they would suggest to address the issue of requiring exact matches on Name, e.g., William vs. Bill.
- It was suggested that once this issue is addressed in the OBF, they could bring the final product to the LNPA WG, which could then be developed into a Best Practice, and then taken to NANC and the FCC asking for endorsement and adoption.
- Action Item 051011-15 stays open. Regarding the attached proposed revision to Best Practice 33, Deb Tucker, Verizon Wireless, will introduce an issue at the OBF’s Local Ordering Task Force (LOTF) to address this item.

Action Item 051011-14: Service Providers are to review internally the attached proposed Best Practice on stolen/fraudulently acquired numbers, especially the “safe

harbor” statement in the last paragraph, and come prepared on the June 14, 2011 LNPA WG conference call to determine if the Best Practice will be accepted or to suggest any revisions.



Stolen Number v6
LNPA WG-modified.doc

- A Service Provider stated that their company files slamming complaints when the provider refuses to cooperate and return the number when it is stolen. In addition, some customers of companies somehow get enough information to port a number. It was suggested that this proposed Best Practice be enhanced to specify what information should be exchanged between the involved Service Providers to prove that the number was stolen.
- It was suggested that the employer/employee example should be removed from disputed ports as this is an example of a stolen number if the employee had not been authorized by the employer to port the number.
- Another Service Provider suggested removal of the safe harbor statement. Two additional Service Providers agreed. There were no objections to removal of the safe harbor statement but Sprint Nextel requested more specificity on what information should be shared and to whom it should be shared with. It was suggested that the LOA should be used as proof that the number was stolen because the signature does not match, but it was pointed out that it is not always in writing, e.g., TPV.
- It was suggested to add in place of the safe harbor: “The provider requesting return of the telephone number must provide sufficient documentation to prove that their subscriber is the rightful subscriber and assignee of the number.” The group agreed to this suggestion.
- Action Item 051011-14 remains open.
- **Gary Sacra**, LNPA WG Co-Chair, will revise the proposed Best Practice on “stolen numbers” as agreed to at the July 2011 LNPA WG meeting, and distribute it to the group for review and discussion at the September 2011 LNPA WG meeting.

NOTE: This Action Item has been completed. Please refer to the attached updated document.



Stolen Number BP
v7.docx

Action Item 031511-04: **Paula Jordan**, T-Mobile and LNPA WG Co-Chair, and **Jason Lee**, Verizon, and **Teresa Patton**, AT&T, and **Tracey Guidotti**, AT&T, will document in LNPA WG Best Practice 30 requirements for ICP during the permissive dialing period

for NPA splits. This will be reviewed and discussed at the May 2011 LNPA WG meeting.

- To be provided for the September 2011 LNPA WG meeting.

Action Item 061411-LNPAWG-03: Gary Sacra, Verizon, will discuss internally those additions, revisions, and questions raised on the June 14, 2011 full LNPA WG conference call regarding the attached proposed Best Practice on CSRs, and make any agreed-to changes for review and discussion at the July 2011 full LNPA WG meeting. Those suggestions include:

1. Consider adding another field such as any working TN associated with the account to increase verification,
2. Consider adding the date that authorization was obtained from the End User,
3. How would or should there be a distinction made between CSRs requested for porting purposes vs. CSRs requested for other purposes?



Draft BP on CSR
Requests v3.doc

- Gary Sacra, Verizon, reviewed the attached v3 of the proposed Best Practice related to CSRs.
- Two providers stated that if you submit a CSR request to them for a WTN on the account, you will only get the CSR for that specific number and not every number associated with the account.
- Another provider suggested to revise the proposed Best Practice to state that you just need any WTN to get the AN, and then if you need the entire CSR for the account, you would submit the AN in the CSR request.
- It was stated that the OBF may also be looking at this proposed Best Practice.
- A provider stated that some providers require separate CSR requests per TN and do not provide the AN.
- AT&T and Integra voiced support for the proposed Best Practice
- Gary Sacra, Verizon, will discuss internally the suggestion to revise the attached proposed Best Practice on CSR requests to reflect that submission of any WTN associated with the account will result, at a minimum, in the return of the CSR for that WTN, but that CSR must contain all necessary account information, e.g., Account Number (AN), Billing Telephone Number (BTN), Customer Name, Customer Address, etc., in order to complete a Local Service Request (LSR) for any telephone number(s) associated with the customer's account



Draft BP on CSR
Requests v4.docx

- After discussing the open Action Items, the group then resumed reviewing the existing Best Practices, picking up with Best Practice 48.
- **Gary Sacra**, LNPA WG Co-Chair, will update the NP Best Practices document as follows, to reflect changes agreed to at the July 2011 LNPA WG meeting:
 1. Remove PIM documents from the Best Practices and insert links to PIMs when the updated NPAC website is up and running.
 2. Remove BP 55.
 3. Shorten title of Best Practice 57 and Best Practice 59 and move other text to Decisions/Recommendations section.
 4. Add references to FCC 09-41 and FCC 10-85 in Industry Documentation for Best Practice 60.
 5. Add reference to FCC10-85 to Industry Documentation for Best Practice 61.
 6. Remove Best Practice 62.
- **Barb Hjelmaa**, Brighthouse, will update the contact list in Best Practice 42 to apply to inadvertent, disputed, and stolen ports/numbers.
- The group completed the 1st pass through the NP Best Practices document. It was agreed that upon completion of all open Action Items, each Service Provider would take the proposed revisions to the overall Best Practices document back to their respective companies and determine if any further revisions are to be suggested.

FULL LNPA WORKING GROUP DISCUSSION:

WEDNESDAY 07/13/11

Wednesday, 07/13/11, Attendance:

Name	Company	Name	Company
Tracey Guidotti	AT&T (phone)	Jay Hjellum	Neustar
Ron Steen	AT&T	Marcel Champagne	Neustar
Teresa Patton	AT&T	Dave Garner	Neustar
Renee Dillon	AT&T Mobility	Bill Reidway	Neustar
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Barbara Hjelmaa	BrightHouse Networks	Shannon Sevigny	Neustar Pooling (phone)
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Jan Doell	CenturyLink	Carol Frike	Sprint Nextel
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Pamela Connell	Neustar	Traci Brunner	Windstream
John Nakamura	Neustar	Dawn Lawrence	XO Comm.
		Tiki Gaugler	XO Comm. (phone)

MEETING MINUTES:

OBF Wireless Ordering Task Force Update (Deb Tucker, Verizon Wireless):

- The Wireless Ordering Task Force (WOTF) met June 2, 2011 to discuss xml harmonization and mission statement updates. No Issues are being worked at this time.
- The next Wireless Ordering Task Force checkpoint meeting is scheduled for September 1st, 2011.

OBF Local Ordering Task Force (Linda Peterman, EarthLink Business):

- The Local Ordering Task Force (LOTF) has not met. Individual participant efforts continue to provide contributions updating the existing practice (102) and to develop a directory listings guideline document with examples and helpful information to be utilized in concert with the LSOG. The directory pre-order practice (111) is also part of this process.

Issues in Final Closure:

- 3417 LSOG – COMMON LANGUAGE Reference cleanup for CLLI fields in the Local Service Request (LSR-071), Local Response (LR-099), Pre-Order Process (POP-120) and Customer Service Inquiry (CSI-122) forms
- 3418 LSOG – COMMON LANGUAGE Reference cleanup for ACNA and RACNA fields in the Local Service Request (LSR-071) and Resale Frame Relay (RFR-079) forms.

Issues Withdrawn:

None

Issues in Initial Closure or Initial Pending:

None

Open Issues:

- 3373 LSOG: Standardization of RT of “Z” in the 099 practice for REQTYP “C” to be utilized by all providers.
- 3381 LSOG: Standardization of directory listings in the 102 Practice

3382 LSOG: Standardization and consolidation of Directory Listings Inquiry/Response and Listing Reconciliation (from LSOG 6) all into the 111 Practice

New Issues:

None

- The LOTF has scheduled the following virtual and face-to-face meetings:

7/19/11	Virtual	10-12 Eastern
Week of 10/24/11	Face-to-Face	Milwaukee, WI

NOTE:

The Ordering Solutions Committee work on Next Generation Networks and IP Ordering has been shared with multiple other ATIS committees (PTSC, B&RE, and TMOC):

Open Issues:

3228 IP: Identify IP – IP Direct Interconnection Session Scenarios

Issues in Final Closure:

3313 IP: IP Voice Ordering Specification - Dedicated Transport

Industry Numbering Committee (INC) Update (Dave Garner, Neustar):

- Dave Garner, Neustar, reported out on the INC activities.
- **INC Issue 690: Update Toll Free Resource Exhaust Relief Planning Guidelines**
The INC Toll-Free Resource exhaust relief planning guidelines contains timelines for notice of resource exhaust and implementation planning. This issue suggested that these timelines may need to be adjusted given the industry's experience in NPA relief planning and toll-free systems changes since the time these timelines were developed. INC determined that it is the SMS/800 Number Administration Committee (SNAC) responsibility to forecast the projected exhaust of existing toll free resources, and thus the Toll Free Resource Exhaust Relief Planning Guidelines were no longer needed. A consensus was reached to retire the Toll Free Resource Exhaust Relief Planning Guidelines. However, INC realizes that adequate industry notification is necessary to ensure a smooth implementation of a new toll free NPA. INC added Section 14 to the NPA Code Relief Planning and Notification Guidelines to outline NANPA's responsibilities regarding industry notification.

Section 14 will read:

In order to set aside an adequate supply of relief NPAs, NANPA shall request a forecasted exhaust from the SMS/800 Number Administration Committee (SNAC) on a semi-annual basis. When the forecasted exhaust is within 30 months, the NANPA shall notify the industry, and the industry shall determine if there is a need for any relief planning or implementation meetings (plans for call-through testing, date numbers available for reservations in SMS/800, date calls are expected to be completed in the new NPA, etc.)

It is expected that the NANPA shall assign a relief NPA and announce its availability in 24 months via a NANPA Planning Letter.

- **INC Issue 702: Update Service Description for Use of 5YY Resources and INC Issue 703: Reservation of Future PCS NPA Codes beyond the 5YY Series.**
The current Personal Communications Services (PCS) 5YY NXX Code Assignment Guidelines document specifies guidelines for the assignment of non-geographic NXX codes within 5YY NXX's used for personal communications services. INC determined the guidelines should be reviewed and updated to ensure NANPA and 5YY applicants have a clear understanding of the criteria necessary to obtain these numbers.

INC issues involving the 5YY guidelines address a broad range of updates to the 5YY guidelines some of which include Issue 702 and Issue 703:

- Issue 702. As part of Issue 702, a new name for this numbering resource was developed that would better describe this numbering resource, but yet be generic enough to cover the new technologies, applications and uses. It was agreed that the 5YY Resources would now be "Non-Geographic 5XX-NXX Codes".
 - Issue 703. As a result of Issue 703, the available geographic and non-geographic codes were reviewed. INC determined that Non-Geographic 5XX-NXX Code resources are mainly used for application and device communications, and therefore the NPA does not need to be an Easily Recognizable Code (ERC). Currently the following NPAs in the 52X, 53X, 54X, 55X, 56X, 57X and 58X ranges are available for assignment: 521, 523, 524, 525, 526, 527, 528, 529, 532, 538, 542, 543, 545, 547, 549, 552, 553, 554, 556, 569, 578 and 589. Therefore, INC directed NANPA to set aside all available NXX codes in the 52X, 53X, 54X, 55X, 56X, 57X and 58X NPAs for future Non-Geographic 5XX-NXX Code use. INC expects that after existing reserved codes are exhausted (which will occur in the following order: 566, 577, 588, and 522) then these reserved 52X, 53X, 54X, 55X, 56X, 57X, and 58X NPAs will be assigned in numeric order.
- **INC Incoming Correspondence: GS 682 --- FCC DA 11-1033 - Missouri Disaster Waiver Order (June 22, 2011)**
On May 9, 2011, the Federal Emergency Management Agency (FEMA), Department of Homeland Security, declared certain areas in the State of Missouri a major disaster due to severe storms, tornados and flooding. INC received a copy of this Order for information purposes as it discusses, among other issues, the Aging of numbers.

It was noted that Item 4 in the order mentions porting of telephone numbers in the affected rate centers to locations outside those rate centers during this period of service interruption, so this paragraph may be of interest to the LNPA WG.

A copy of the order is inserted below:



gs682 - FCC DA
11-1033 - Missouri dis

NANC Future of Numbering Working Group Update (Adam Newman, Telcordia and FoN Tri-Chair):

- Adam Newman, Telcordia and FoN Tri-Chair, reported that the FoN has not met during the last two months. No new contributions on existing issues have been submitted, nor have any new issues been identified.

Readout of NPAC LNPA WG Website Update – Sue Tiffany, Sprint Nextel:



New LNPAWG Layout
Proposal Flows.pptx

- Sue Tiffany, Sprint Nextel and Chair of the NPAC Web Design Team, reported out on the progress the team has made in redesigning the NPAC website, and provided the attached slide deck to demonstrate the changes under consideration by the team. She emphasized that this document currently reflects what the team turned over to the Neustar development team. The location of some items will likely change. She stressed that she mainly wants to focus on content and not location of the items at this time.
- There will be a search function incorporated into the website.
- Discussion ensued on how to provide the ability to download and print out the entire Best Practices document. A number of Service Providers stated that they like and use the Best Practice matrix and would like to maintain the ability to access the entire matrix document.
- Regarding the NANC LNP Provisioning Flows, it was suggested identifying which version is adopted by the FCC.
- Neustar asked if the FCC 09-41 Service Provider Planned Implementation Date document could be removed from the secured website. There were no objections. Neustar will check on maintaining the MTI Profile list beyond the planned sunset of

August 1, 2011 in order to have it available for our ongoing effort to identify non-compliant Service Providers.

PIM Discussion:

- PIM 51 – This PIM, submitted by Nextel, seeks the prevention of NXX codes being opened to portability in NPAC by the incorrect provider.



PIM 51.doc

Neustar developed Change Order 414 proposing an automated process to prevent the wrong service provider from opening up a code in NPAC. NANC 414 is included in NPAC Software Release 3.4. At the July 2011 LNPA WG meeting, it was agreed to close PIM 51.

- PIM 64 – This PIM, submitted by VeriSign, proposes a new tunable parameter in NPAC to allow the suppression of LTI-initiated transactions to the mechanized SOAs.



PIM 64.doc

PIM 64 was accepted at the September 2007 LNPA WG meeting. VeriSign submitted NANC Change Order 423 to address the issue identified in PIM 64. PIM 64 is now in a Tracking state.

- PIM 65 – This PIM, submitted by VeriSign, proposes a priority scheme in NPAC for the notifications generated by the disconnection of pooled thousands blocks.



PIM 65.doc

PIM 65 was accepted at the September 2007 LNPA WG meeting. VeriSign submitted NANC Change Order 424 to address the issue identified in PIM 65. NANC 424 is included in NPAC Software Release 3.4. At the July 2011 LNPA WG meeting, it was agreed to close PIM 65.

- PIM 66 – This PIM, submitted by VeriSign, seeks to address the data that is received when Mass Updates are performed.



PIM 66.doc

PIM 66 was accepted on the October 2007 LNPA WG conference call. VeriSign submitted NANC Change Order 426 to address the issue identified in PIM 66.

NANC 426 is included in NPAC Software Release 3.4. At the July 2011 LNPA WG meeting, it was agreed to close PIM 66.

- PIM 80 – This PIM submitted by Verizon, seeks to address instances where ported/pooled NPAC database records currently contain LRNs that are in a different LATA than their associated ported/pooled telephone numbers (TNs).



PIM 80.doc

The LNPA WG's recommendation to the NAPM LLC to request a Statement of Work (SOW) from Neustar for PIM 80 was sent to the NAPM LLC. PIM 80 will remain in a tracking state awaiting implementation of SOW 82.

Change Management – Neustar:



NANC Change
Orders 06-30-11.doc

- Neustar reviewed the revisions to the following Change Orders:
 - NANC 444 – Neustar explained that the detailed requirements for LTI-related Change Orders are contained in the LTI User Guide and are not detailed in the Change Order requirements that are reflected in the FRS.
 - NANC 445 – Synchs up what you get in BDD vs. what you support and receive in the XML string. This is a doc only Change Order.
- **Action Item 051011-01:** Neustar will develop a proposed Change Order related to NPAC support of IPv6, to be sponsored by AT&T Mobility.
 - Action Item 051011-01 remains open.
- **Action Item 051011-02:** Regarding the issue related to SVs with future-dated pending SVs that are preventing the telephone numbers from being ported, Neustar will send out a notice over the Cross-Regional distribution for Service Providers to verify if they have any such future-dated pending SVs that are not in the NPAC intentionally, and if so, advise that they should be deleted. See related Action Items 051011-07, 051011-08, and 051011-13.
 - Neustar stated that they have contacted Service Providers individually and worked with them to delete the SVs. Action Item 051011-02 is closed.

- **Action Item 051011-08:** Regarding the issue related to SVs with future-dated pending SVs that are preventing the telephone numbers from being ported, Gary Sacra, LNPA WG Co-Chair, will send out a notice over the LNPA WG distribution for Service Providers to verify if they have any such future-dated pending SVs that are not in the NPAC intentionally, and, if so, advise that they should be deleted. See related Action Items 051011-02, 051011-07, and 051011-13.
 - Action Item 051011-08 was completed and is closed.
- **Action Item 051011-13:** Regarding the issue related to SVs with future-dated pending SVs that are preventing the telephone numbers from being ported, Service Providers are to verify if they have any such future-dated pending SVs that are not in the NPAC intentionally, and, if so, delete them. See related Action Items 051011-02, 051011-07, and 051011-08.



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- Neustar presented the attached PIM to introduce the issue related to Action Item 051011-13 in order to determine if there is any interest in setting up a business rule for cleaning these future-dated pending SVs up. Neustar stated that where these SVs are forgotten, it adds delay to porting these TNs.
- Verizon Wireline stated that they are not aware of any such SVs that they have.
- T-Mobile has a small number of such SVs in the NPAC that are future-dated less than 30 days.
- AT&T Mobility has in the past gone past 30 days but less than 1 year in terms of future-dating SVs.
- Verizon Wireless and T-Mobile stated that at times they have used future-dated pending SVs to intentionally protect certain TNs from being inadvertently or fraudulently ported at the customer's request.
- A Service Provider observed that they have not heard a provider complain about this problem and asked if there was a need to do anything regarding this. Another Service Provider responded that they have run into this problem with one particular provider.
- A Service Provider pointed out that this pertains to both intra- and inter-SP ports.

- Another Service Provider pointed out that this is not an issue that is being raised by a Service Provider.
- It was asked, other than port protection, what other reasons are there for doing future-dated pending SVs. It was stated that there could be legitimate reasons related to availability of facilities.
- Regarding the attached PIM related to future-dated pending SVs that are preventing the telephone numbers from being ported, **Service Providers** are to come to the September 2011 LNPA WG meeting prepared to determine if we will accept PIM, and if yes, what is the time limit for scheduling pending SVs in the future, and what option to address the issue – a new error code to reject an attempt to create an SV exceeding the time limit up front, delete pending SVs as part of NPAC housekeeping after time limit is reached, or both.

2011 LNPA WG Meeting/Call Schedule – All:



2011 LNPA WG
Meeting and Call Sche

- The group reviewed the remaining 2011 call/meeting schedule and made no changes.

Development of 2012 LNPA WG Meeting/Call Schedule – All:

- The group developed the following meeting and call schedule for 2012:
 - January 10-11, 2012 meeting to be hosted by Telcordia, location TBD
 - February 7, 2012 conference call
 - March 13-14, 2012 meeting to be hosted by Comcast in Denver, Colorado (tentative)
 - April 10, 2012 conference call
 - May 8-9, 2012 meeting to be hosted by the Canadian LNP Consortium in Ottawa, Canada
 - June 12, 2012 conference call
 - July 10-11, 2012 meeting to be hosted by Neustar, location TBD
 - August 7, 2012 conference call

- September 11-12, 2012 meeting to be hosted by CenturyLink in Denver, Colorado (tentative)
- October 9, 2012 conference call
- November 6-7, 2012 meeting to be hosted by Sprint Nextel in Overland Park, Kansas
- December 11, 2012 conference call

Discussion of Need for August 9, 2011 APT and Full LNPA WG Calls – All:

- The group agreed that there would be no APT or Full LNPA WG conference calls held on August 9, 2011.
- Sub-team calls to continue the APT’s work on revisions to the test plans will be scheduled separately.

Action Items Not Previously Discussed in Agenda – All:



MAY 10-11 2011
LNPA ACTION ITEMS.



JUNE 14, 2011 FULL
LNPA WG ACTION ITT

Review of May 10-11, 2011 LNPA WG Action Items:

May 10-11, 2011 LNPA WG Action Items:

- Item 051011-01: This item remains Open.
- Item 051011-02: This item has been completed and is Closed.
- Item 051011-03: This item has been completed and is Closed.
- Item 051011-04: This item remains Open.
- Item 051011-05: This item has been completed and is Closed.
- Item 051011-06: This item has been completed and is Closed.
- Item 051011-07: This item has been completed and is Closed.
- Item 051011-08: This item has been completed and is Closed.
- Item 051011-09: This item has been completed and is Closed.

- Item 051011-10: This item has been completed and is Closed.
- Item 051011-11: This item has been completed and is Closed.
- Item 051011-12: This item has been completed and is Closed.
- Item 051011-13: This item has been completed and is Closed.
- Item 051011-14: This item remains Open.
- Item 051011-15: This item has been completed and is Closed.
- Item 051011-16: This item remains Open.

LNPA WG Action Items Remaining Open from Previous Meetings:

- Item 031511-02: This item has been completed and is Closed.
- Item 031511-04: This item remains Open.
- Item 031511-16: This item has been completed and is Closed.
- Item 031511-18: This item has been completed and is Closed.

Review of June 14, 2011 Full LNPA WG Conference Call Action Items:

June 14, 2011 Full LNPA WG Action Items:

- Item 061411-LNPAWG-01: This item has been completed and is Closed.
- Item 061411-LNPAWG-02: This item has been completed and is Closed.
- Item 061411-LNPAWG-03: This item has been completed and is Closed.

New/Unfinished Business (All):

- No New or Unfinished Business was identified.

No Full LNPA WG or APT conference calls are scheduled for August 2011. Sub-team calls to continue the APT's work on revisions to the test plans will be scheduled separately.

***Next Meeting ...September 13-14, 2011: Location...Overland Park, Kansas...
Hosted by Sprint Nextel***