

LNPA WORKING GROUP
November 9-10, 2011 Meeting
Final Minutes

San Antonio, Texas	Host: AT&T
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LNPA WORKING GROUP ARCHITECTURE PLANNING
TEAM (APT) DISCUSSION:

WEDNESDAY 11/09/11

Wednesday, 11/09/11, Attendance:

Name	Company	Name	Company
Tracey Guidotti	AT&T	Marcel Champagne	Neustar
Ron Steen	AT&T	Dave Garner	Neustar
Teresa Patton	AT&T	Mubeen Saifullah	Neustar Clearinghouse
Mark Lancaster	AT&T (phone)	Shannon Sevigny	Neustar Pooling (phone)
Cyd Anglin	AT&T	Sue Tiffany	Sprint Nextel (phone)
Lonnie Keck	AT&T Mobility	Carol Frike	Sprint Nextel (phone)
Barb Hjelmaa	Brighthouse (phone)	Rosemary Emmer	Sprint Nextel
Jan Doell	CenturyLink	Suzanne Addington	Sprint Nextel (phone)
Vicki Goth	CenturyLink (phone)	Nancy Conant	Synchronoss (phone)
Tim Kagele	Comcast (phone)	Bob Bruce	Syniverse (phone)
Dena Hunter	Cricket (phone)	Adam Newman	Telcordia
Joan Bridgeman	Cricket (phone)	Joel Zamlong	Telcordia
Linda Peterman	EarthLink Business	Pat White	Telcordia
Gene Johnston	G&L Consulting	Lisa Marie Maxson	Telcordia
Bonnie Johnson	Integra (phone)	John Malyar	Telcordia
Connie Stufflebeem	Iowa Network Services (phone)	George Tsacnaris	Telcordia
Karen Hoffman	John Staurulakis, Inc. (phone)	Kayla Sharbaugh	Telcordia (phone)
Bridget Alexander	John Staurulakis, Inc. (phone)	Paula Jordan	T-Mobile
Angie Beckett	John Staurulakis, Inc.	Luke Sessions	T-Mobile
Bridget Ketiku	Metro PCS	Amanda Molina	Townes (phone)
Jim Rooks	Neustar	George Stonesifer	US Cellular
Paul LaGattuta	Neustar	Gary Sacra	Verizon

Name	Company	Name	Company
Stephen Addicks	Neustar	Jason Lee	Verizon (phone)
John Nakamura	Neustar	Deb Tucker	Verizon Wireless
Greg Roberts	Neustar	Imanu Hill	Vonage
Ed Barker	Neustar	Traci Brunner	Windstream
Larry Vagnoni	Neustar	Dawn Lawrence	XO Comm.

NOTE: ALL APT ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “NOVEMBER_9_2011 LNPA WG APT ACTION ITEMS” FILE ISSUED IN A SEPARATE E-MAIL FROM THESE MINUTES AND ATTACHED BELOW.



NOVEMBER_9_2011
LNPA WG APT ACTIO

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. 4/12/2011 APT Live		

MONTH (2011)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
		Meeting from 11am to 2pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# 4/12/2011 LNPA WG call from 2:30pm to 3:30pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#		
May		10 th -11 th	Canadian Consortium	Banff, Canada
June		No meeting. 6/14/2011 APT call from 11am to 12pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# 6/14/2011 LNPA WG call from 12:00pm to 2:00pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#		
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 or call.		
November		9 th -10 th (NOTE THAT THIS IS A WEDNESDAY AND THURSDAY)	AT&T	San Antonio, Texas
December		No meeting or call.		

- 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.

September 13, 2011 APT Meeting Minutes Review:

- No changes were made to the DRAFT September 13, 2011 APT meeting minutes, and they were approved as FINAL.

APT Test Plan Review Team Update – John Nakamura, Neustar:

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.

Action Item 091311-APT-02: As a part of the effort to review and update the Vendor ITP and Service Provider Turn-up Test Plans, the APT Test Plan Sub-team will identify to the full LNPA WG any functionality that is recommended for consideration to be sunsetted.

- No APT Test Plan Sub-team meetings or calls have taken place since the last LNPA WG meeting. Action Items 051011-16 and 091311-APT-02 will remain open.

Brainstorming of Possible Future LNPA WG Agenda Items – All:

Action Item 091311-APT-03: Gary Sacra, LNPA WG Co-Chair will place in the *Brainstorming of Possible Future LNPA WG Agenda Items* document an item specific to the support of non-EDR functionality. The item will be specific to determining if Non-Efficient Data Representation (Non-EDR) support will be:

- a) Sunsetting – defined as eliminating non-EDR support entirely for any existing SPs and any new entrant SPs.
- b) Grandfathered – defined as continued support of non-EDR for any existing non-EDR SPs and eliminating non-EDR support for any new entrant SPs.
- c) BAU – Non-EDR support will continue to be available for any non-EDR SP, whether existing or new entrant.

See related Action Item 091311-APT-04.



Brainstorming of
Possible Future LNPA

- The group reviewed the attached document and agreed to close Action Item 091311-APT-03 with the addition of the sunset options.

Action Item 091311-APT-04: Service Providers are to come to the November 9, 2011 LNPA WG APT meeting prepared to discuss and eventually determine if Non-Efficient Data Representation (Non-EDR) support will be:

- a) Sunsetting – defined as eliminating non-EDR support entirely for any existing SPs and any new entrant SPs.
- b) Grandfathered – defined as continued support of non-EDR for any existing non-EDR SPs and eliminating non-EDR support for any new entrant SPs.
- c) BAU – Non-EDR support will continue to be available for any non-EDR SP, whether existing or new entrant.

See related Action Item 091311-APT-03.

- AT&T stated that they currently have plans to go completely to EDR in the future and would support a sunset date if it was a reasonable timeframe. AT&T would feel comfortable with the end of 2Q2012.
- Verizon stated that they would support a) or b), but not c). Sprint Nextel and T-Mobile agreed.
- Neustar asked if we sunsetted non-EDR support, would we have a release to remove non-EDR support. We could wait until a next release to remove it instead of a special release.
- Consensus was reached to grandfather non-EDR support for existing SPs and then sunset it at the end of 2Q2012.
- **Neustar** will develop a Change Order for the sunsetting of non-EDR support for review at the January 2012 LNPA WG APT meeting.
- Action Item 091311-APT-04 is closed.

Discussion of Alternative Interface (NANC Change Order 372) – All:

Action Item 091311-APT-01: APT Participants are to come to the November 9, 2011 LNPA WG APT meeting prepared to begin discussions on NANC Change Order 372 (see in attached document), which addresses a proposed alternative interface, e.g., XML, to the current CMIP interface.



NANC Change
Orders 08-31-11.doc

- Neustar walked the group through the slide deck attached below in order to facilitate the discussion of an interface alternative to CMIP.



NANC372 Discussion
11-2011.pptx

- Telcordia asked if JSON could be added to the discussion. It was agreed to consider it in addition to XML.
- A Service Provider stated that they support the interface change but with no timeline at this time.
- Important question for consideration – do we want to make the interface connection-oriented (session-based) like CMIP, or stateless.
- It was stated that we need to be smart about what messages we include in a new interface and not just recreate what’s currently in CMIP.
- Telcordia suggested having sub-Change Orders for the message efficiencies on slide 3. Others stated that they would be ok with that but would want any efficiencies implemented at the same time as the new interface.
- The group was reminded that the Service Providers will be making the final decisions on key questions related to a new protocol.
- Action Item 091311-APT-01 is closed.
- This discussion will become a regular agenda item for the APT.
- **Neustar** will develop a list of key questions to assist Service Providers in their internal discussions of NANC 372 – Alternative Interface – in order to drive future discussions and requirements development.
- **Service Providers** are to come to the January 2012 LNPA WG APT meeting prepared to discuss NANC 372 – Alternative Interface – and provide any available internal feedback on the attached key questions provided by Neustar.

Discussion of NPAC Support of IPv6 – Neustar:

Action Item 051011-01: Neustar will develop a proposed Change Order related to NPAC support of IPv6, to be sponsored by AT&T Mobility.

- Neustar presented the attached Change Order addressing Action Item 051011-01.



NANC TBD - NPAC
support of IPv6.docx

- A Service Provider asked if we go to a new interface that supports IPv6, would we have to support IPv6 in CMIP. Neustar responded that IPv4 and IPv6 can co-exist in a dual stack approach. There would be no flash cut to IPv6. The new interface would only need to support IPv6.
- The Change Order was accepted by the group to be worked, i.e., requirements development. It is NANC 447. Further discussion of NANC 447 will be on the agenda for the January 2012 APT meeting.
- Action Item 051011-01 is closed.

APT Action Items Not Previously Discussed in Agenda – All:



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1 LNPA WG APT ACTI

Review of September 13, 2011 LNPA WG APT Action Items:

September 13, 2011 LNPA WG APT Action Items:

- Item 091311-APT-01: This item has been completed and is Closed.
- Item 091311-APT-02: This item remains Open.
- Item 091311-APT-03: This item has been completed and is Closed.
- Item 091311-APT-04: This item has been completed and is Closed.

LNPA WG APT Action Items Remaining Open from Previous Meetings:

- Item 051011-16: This item remains Open.

Discussion of Need for Interim APT Call(s) – All:

- Test plan calls will be scheduled separately.

- It was suggested that we eliminate the test cases related to non-EDR support. They will be ear-marked for eventual deletion.
- No full APT calls will be scheduled prior to the January 2012 face-to-face meeting.

*Next APT Meeting ...Part of the January 10-11, 2012 LNPA WG Meeting:
Location...Scottsdale, Arizona...
Hosted by Telcordia*

FULL LNPA WORKING GROUP DISCUSSION:

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NOVEMBER 9-10
2011 FULL LNPA WG

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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.

September 13-14, 2011 Full LNPA WG Meeting Minutes Review:

- No changes were made to the DRAFT September 13-14, 2011 Full LNPA WG meeting minutes, and they were approved as FINAL.

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

- The OBF Ordering Solutions Wireless Ordering Task Force (WOTF) met briefly October 13th, 2011 to discuss the path forward relating to the agreement for the task force to become a subcommittee as of 1/1/12. An election of 2 co-chairs will be required and staggered terms will be used.
- The next Wireless Ordering Task Force meeting is scheduled for December 7th, 2011. Open Issue 3429, WICIS Review for Alignment with Business Practices, will be discussed during the December meeting.

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

- Since the July LNPA WG meeting, the Local Ordering Task Force (LOTF) held one virtual and one face-to-face meeting,
- The “touch base” virtual meeting on September 20th primarily discussed internal administrative issues relating to the task force becoming a subcommittee as of 1/1/12, requiring election of 2 co-chairs. The face-to-face meeting the week of October 24 continued work on issue 3381, creating directory listing examples to assist service providers in entering listings appropriately. The decision was made to insert these examples in the existing practice (102) as they are dependent upon the field definitions, etc. contained in the practice. The entire 102 practice will be reviewed and updated as part of this effort. The directory pre-order practice (111) will be addressed under issue 3382.

Issues in Final Closure:

None

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
- 3428 LSOG – COMMON LANGUAGE Reference cleanup for CCNA and OCCNA fields in the 071, 099, 102, 111, 119, 120 and 122 practices (Open Issues above)

New Issues:

None

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

01/18/12	Virtual	12-4 Eastern
Week of 4/16/12	AMOC (F-to-F)	Bellevue, WA

NOTE:

Joint meetings continue to be held to discuss possible collaborations and/or use of documents between the Ordering Solutions Committee by the Cloud Services Forum (CSF)

Open Issues:

None

Issues in Final Closure:

- 3228 IP: Identify IP – IP Direct Interconnection Session Scenarios
- 3313 IP: IP Voice Ordering Specification - Dedicated Transport

- It was asked what the difference is between a Task Force and a Subcommittee. Linda responded that a Task Force has limited life – no more than one year – and a Subcommittee can have ongoing work.

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

INC Issue 719: Available “Red” Blocks where PSTN Activation has not been confirmed:

Issue Statement: Most of the pools are being replenished by the opening of new codes for pool replenishment or for LRN purposes. When a new code is opened the blocks not assigned to the code holder are placed in the available pool with a future effective date and show up on the block available report in “red” until the code holder confirms activation in the PSTN and all other code holder responsibilities have been met. Currently the guidelines allow an SP that is not the code holder to request the assignment of these “red” blocks as long as they acknowledge that they are willing to accept a block in “red” and that they explicitly understand that the underlying CO code may not yet be activated in the PSTN and loaded in the NPAC on the block effective date.

SPs who have been assigned these “red” blocks are encountering delays with the activation of the blocks in these codes. This has caused an increased volume of requests by the SP receiving the block, for the PA to follow up with code holders who have not confirmed PSTN activation by the code effective date. The PA is asked to act as the mediator between the two companies which is causing a lot of extra work. In addition, the assignment of “red” blocks is causing additional work for the NPAC pooling team since they are often not able to create the block records in the NPAC database at the time of the block assignment because the code holder has not yet established the code in the NPAC database. This is causing the NPAC pooling team to keep separate lists of blocks where the code has not yet been established and then follow up until they are able to create the block record.

INC discussed this issue and contributions at the October INC meeting. The contribution RAM 034 suggested that a timeframe be established for Service Providers to load a new NPA-NXX into the NPAC for pooled codes.

The suggested language to be added to the “Code Holders Responsibility” section in the TBPAG reads:

- b) Load the NPA-NXX into the NPAC database within 7 calendar days of the code being assigned.

During the INC discussion, a question was raised regarding the feasibility of NPAC operations loading the code in the NPAC when NANPA assigns the code to a Service Provider, thus minimizing the delay in getting the code loaded in the NPAC. Neustar (Dave Garner) was given an action item to investigate the feasibility of NPAC Operations performing the function in the NPAC and to report the findings at the next INC meeting.

INC Issue 722: Review and Reconcile TN Administration Guidelines with Updated NANC LNP Flows:

Issue Statement: During discussion of Issue 713, it was noted that some of the language in the Guidelines for the Administration of Telephone Numbers (“TN Administration Guidelines”) comes from NANC NRO WG reports that pre-dated the FCC’s NRO Orders. Although INC reviewed these guidelines when the NRO Orders were issued, the INC has not reviewed the TN Administration Guidelines in some time. The INC should review these guidelines to determine if the guidelines are consistent with the NANC’s LNP flows and current FCC rules

At the October INC meeting, a Contribution Development Team (CDT) was formed and given an action item to review the TN Administration Guidelines and submit a contribution with suggested changes to the guidelines to correct any inconsistencies between them and the current NANC LNP flows and FCC rules. The INC CDT members may be contacting their LNPA WG member counterparts for input on the NANC LNP Process flows.

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 is awaiting confirmation that the FoN's White Paper on Toll-free Numbers (Issue 0005) has been sent from the NANC to the FCC.

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

- Sue Tiffany, Sprint Nextel, reported that Neustar has been testing the new website, which has been successful so far.
- Neustar is looking for additional documents, e.g., old PIMs, FCC documents, etc., to add to the site.
- Marian Hearn, Canadian LNP Consortium, and Sue will be viewing a demo of the new website tomorrow before it is introduced to the group.
- The LLC will be given a demo at their meeting next week.
- It was requested that everyone review the FCC documents on the site and contact Neustar with any additional documents that are relevant.
- Gary Sacra, LNPA WG Co-Chair, will act as administrator of the new website. Any material that anyone wants to add to the website should go through Gary who will work with Neustar to get it added.

NPAC Support of Non-EDR Discussion:

- The group discussed the consensus recommendation from the APT to grandfather non-EDR support for existing SPs and then sunset it at the end of 2Q2012. There were no objections in the full LNPA WG to this recommendation.

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



LNPA_NP_Best_Practices_10-26-2011.doc

- The group continued its review of the LNPA WG Best Practices document.

Action Item 091311-LNPAWG-02: Gary Sacra, LNPA WG Co-Chair, will revise the proposed Best Practice on “Stolen Numbers” as follows per agreements reached at the September 2011 LNPA WG meeting:

1. Change “carrier” and “provider” in the last paragraph to “Service Provider.”
2. Insert “Upon request” at beginning of last sentence.
3. Change “their” to “its” in last sentence.
4. Change “correct” to “rightful” in last paragraph.
5. Add “telephone” before instances of “number” in document.
6. Swap the order of the last two paragraphs.
7. Accept all revisions and incorporate this proposed Best Practice in the overall Best Practice document.

- The group reviewed added BP 68 in the document above and approved it.
- Action Item 091311-LNPAWG-02 is closed.

Action Item 091311-LNPAWG-05: All Service Providers are to review the attached PIM 53 (Inadvertent Port) Contact List and provide any missing or updated contact information to the LNPA WG Co-Chairs by October 31, 2011. The Co-Chairs e-mail addresses are: gary.m.sacra@verizon.com (Gary Sacra), paula.jordan@t-mobile.com (Paula Jordan), and lpeterman@onecommunications.com (Linda Peterman).



PIM 53 Service
Provider Contact v3.c

- Action Item 091311-LNPAWG-05 will remain open.

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.

- Action Item 031511-04 remains open.

Action Item 071211-LNPAWG-10: 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.



BP 33 draft 050311
v6.docx

- The group discussed whether “complex ports” equals “non-simple ports” or if it equates to “projects.” AT&T stated that they think it equates to projects. Verizon and CenturyLink stated that they think it equates to non-simple ports.
- Brighthouse stated that they have modified their systems to submit Av vs. Ave, for example, depending on the carrier to which they are submitting the LSR.
- **Deb Tucker**, Verizon Wireless, will revise the proposed Best Practice 33 based on feedback received at the November 2011 LNPA WG meeting for review at the January 2012 LNPA WG meeting.

NOTE: This Action Item was subsequently completed. See attached v7 of the proposed Best Practice 33.



BP 33 draft 050311
v7.docx

- **Service Providers** are to come to the January 2012 LNPA WG meeting prepared to discuss v7 of the proposed Best Practice 33 in an attempt to reach consensus on a final Best Practice.
- **Linda Peterman**, Earthlink and LNPA WG Co-Chair, will tee up a discussion in the OBF of revisiting the previously proposed 22 standard fields for non-simple LSRs.

Action Item 071211-LNPAWG-09: **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. **(REMAINS OPEN AWAITING NEW WEBSITE)**
2. Shorten title of Best Practice 59 and move other text to Decisions/Recommendations section.

- Items 1 above remains open. It was agreed that Item 2 was completed and is closed.

Next Steps for Best Practices Review and Update – All:

- **Gary Sacra**, LNPA WG Co-Chair, will accept all currently proposed revisions to the Best Practices document in order to facilitate the continuing review of the document at the January 2012 LNPA WG meeting.

FULL LNPA WORKING GROUP DISCUSSION:

THURSDAY 11/10/11

Thursday, 11/10/11, Attendance:

Name	Company	Name	Company
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MEETING MINUTES:

PIM Discussion:

- 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.

Action Item 091311-LNPAWG-03: Gary Sacra, LNPA WG Co-Chair, will contact TNS to determine if they will agree to close PIM 64, which is related to NANC Change Order 423.

- Gary Sacra, LNPA WG Co-Chair, reported that he had contacted TNS, who agreed to close PIM 64 provided that NANC Change Order 423 remains in the pool of candidate Change Orders for future consideration in any NPAC software release.
- It was agreed to close PIM 64. Action Item 091311-LNPAWG-03 was also closed.
- 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. It was decided to perform the work without an SOW. PIM 80 will remain in a tracking state.

Next Day porting Lessons Learned – All:

Action Item 071211-LNPAWG-03: 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.



Brainstorming of
Possible One Day Por

- Teresa Patton, AT&T, walked the group through the draft document attached below.



One Day Port
Lessons Learned.doc

- JSI stated that they had issues testing the Medium Timers because they wanted to do the testing in production but had to work around that because that would have advertised to the industry that they had turned on the MTI in their profile when they were not ready to support that yet in production. JSI also expressed concern with the first item under Implementation related to non-compliance. JSI feels that efforts should be made to work out any non-compliance between the providers rather than initially going right to the FCC.
- Regarding the item on lack of coordination among industry groups, Verizon stated that we could do a better job identifying the responsibilities and roles of impacted industry groups up front and identify what group is responsible for pulling it all together and getting it through the NANC and FCC.
- The group agreed that the table format in the attached is the final format for the document.
- Action Item 071211-LNPAWG-03 is closed.
- **Teresa Patton**, AT&T, will revise the one-day porting Lessons Learned document to number the items and send it to Gary Sacra, LNPA WG Co-Chair for posting on the new LNPA WG website.

NOTE: This Action Item has been completed. See attached revised Lessons Learned document.



One Day Port
Lessons Learned.doc

- **Gary Sacra**, LNPA WG Co-Chair, will have the attached one-day porting Lessons Learned document uploaded to the new LNPA WG website.

Readout of Cancel Port Process Sub-team – Bonnie Johnson, Integra:

Action Item 091311-LNPAWG-01: Bonnie Johnson, Integra, will pull a sub-team together to discuss development of a proposed Best Practice related to the end user contacting the Old Service Provider to cancel their port request. The following volunteered to assist Bonnie in the discussion:

Jan Doell (CenturyLink)
Barb Hjelmaa (Brighthouse)
Tim Kagele (Comcast)
Linda Peterman (Earthlink)

Gary Sacra (Verizon)

- Jan Doell, CenturyLink, provided the readout of the sub-team's efforts for Bonnie Johnson. Jan reported that the sub-team calls have been cordial and good progress has been made. The sub-team hopes to have a draft of the Cancel Flow for the full LNPA WG to review at the January 2012 meeting.
- Action Item 091311-LNPAWG-01 remains open.

Change Management – Neustar:



NANC Change
Orders 10-31-11.doc

- NANC 444 – A Service Bureau reported that the ability to switch from SPID to SPID and region to region has been very beneficial to Service Bureaus that have a lot of SPIDs.

Action Item 091311-LNPAWG-04: At the direction of the LNPA WG at the September 2011 LNPA WG meeting, Gary Sacra, LNPA WG Co-Chair, will send a request to the NAPM LLC for a Statement of Work (SOW) from Neustar on the attached NANC Change Order 446.



NANC 446.docx

- It was reported that SOW 85 was approved by the NAPM LLC.
- Action Item 091311-LNPAWG-04 is closed.

Readout of September 15th NANC Meeting – LNPA WG Co-Chairs:



09-15-2011 NANC
LNPA WG Report.doc

- The LNPA WG Co-Chairs provided a brief readout of the September 15, 2011 NANC meeting, reporting that the NANC was kept informed of the LNPA WG's efforts to refresh the Best Practices document. The Co-Chairs also reported that the NANC endorsed Best Practice 70 on CSRs and forwarded it to the FCC Wireline Competition Bureau with a recommendation that it be adopted.

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

- The group discussed concerns related to developing a list of Service Providers who potentially are in non-compliance to the one-day porting order. It was agreed that there are legitimate reasons why a Service Provider may have their Medium Timer Indicator (MTI) set to FALSE in their NPAC profile. Those discussed included:
 - The provider has received a State Commission waiver,
 - The provider has not received a BFR from another provider,
 - The provider has no simple accounts,
 - Some providers have inactive SPIDs that are set to false when their active SPIDs are set to true.
- Townes Communications stated that they wait for a porting agreement before they turn up their MTI profile setting to TRUE. Iowa Network Services agreed.
- It was stated that if a small provider has not received a BFR yet, they are not in non-compliance until such time that they get a BFR and a subsequent LSR for a one-day port and cannot support that.
- It was suggested that we move away from calling this a non-compliance list and simply provide to the NANC the number of SPIDs that have their MTI profile set to FALSE and discuss the legitimate reasons why that might be the case. There were no objections from the group.

Develop December 15, 2011 NANC Report – All:

- The group agreed that the following items would be included in the LNPA WG’s report for the December 15, 2011 NANC meeting:
 - Update of LNPA WG’s LNP Best Practices,
 - One-Day Porting Lessons Learned Document to be added to new website,
 - Count of SPIDs with NPAC Medium Timer Indicator (MTI) profile setting to FALSE.

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 other than agreeing NOT to hold a conference call for December.

Discussion of Need for December 13, 2011 LNPA WG Call – All:

- The group agreed that there was not a need to hold a conference call in December.

2012 LNPA WG Meeting/Call Schedule – All:



2012 LNPA WG
Meeting and Call Sche

- The group reviewed the 2012 call/meeting schedule and made the following changes:
 - The January 10-11, 2012 meeting, hosted by Telcordia, is firmed up for Scottsdale, Arizona.

Action Items Not Previously Discussed in Agenda – All:



SEPTEMBER 13-14
2011 FULL LNPA WG ,

Review of September 13-14, 2011 FULL LNPA WG Action Items:

September 13-14, 2011 FULL LNPA WG Action Items:

- Item 091311-LNPAWG-01: This item remains Open.
- Item 091311-LNPAWG-02: This item has been completed and is Closed.
- Item 091311-LNPAWG-03: This item has been completed and is Closed.
- Item 091311-LNPAWG-04: This item has been completed and is Closed.
- Item 091311-LNPAWG-05: This item remains Open.

FULL LNPA WG Action Items Remaining Open from Previous Meetings:

- Item 031511-04: This item remains Open.
- Item 051011-01: This item has been completed and is Closed.
- Item 071211-LNPAWG-03: This item has been completed and is Closed.
- Item 071211-LNPAWG-09: Item No. 1 of this Action Item remains Open. Item No. 2 of this Action Item has been completed and is Closed.
- Item 071211-LNPAWG-10: This item has been completed and is Closed.

New/Unfinished Business (All):

- The group developed and agreed to the following 2012 SPID Migration Blackout Schedule:
 - January 1, 2012 (1st Sunday of month and New Year's Holiday)
 - February 5, 2012 (1st Sunday of month)
 - March 4, 2012 (1st Sunday of month)
 - April 1, 2012 (1st Sunday of month)
 - May 6, 2012 (1st Sunday of month)
 - May 27, 2012 (Memorial Day Holiday)
 - June 3, 2012 (1st Sunday of month)
 - July 1, 2012 (1st Sunday of month)
 - August 5, 2012 (1st Sunday of month)
 - September 2, 2012 (1st Sunday of month)
 - October 7, 2012 (1st Sunday of month)
 - October 28, 2012 (annual failover exercise)
 - November 4, 2012 (1st Sunday of month)
 - November 25, 2012 (Thanksgiving Holiday)
 - December 2, 2012 (1st Sunday of month)
 - December 23, 2012 (Christmas Holiday)
 - December 30, 2012 (New Year's Holiday)

- Tim Kagele, Comcast, raised an issue related to disputed ports. He reported that Comcast had received a legitimate LSR from another provider to port a TN and had returned the FOC. The customer came to them and said that they never intended to port their TN. The other carrier was not cooperative and demanded that Comcast provide them with an LOA. Tim asked the group what the understanding is for the OLSP and if the OLSP is required to obtain an LOA in this scenario. Comcast feels this customer was slammed. It was stated that LOAs must be provided to regulators in the event of a dispute and not to another provider. In response to Tim's question on if there is a process whereby Neustar can facilitate getting a number back to the OLSP in a disputed port, Neustar stated they can operate on the behalf of the OLSP in the case of a port in error but not in this case. Integra stated that they have been providing LOAs to the OLSP for some time and further stated that the flows are not clear on who the LOA must be provided to in the case of a dispute. A number of participants volunteered to find the FCC cites on who the LOA must be provided to. The following were provided by Jan Doell, CenturyLink:

Sec. 64.1120 Verification of orders for telecommunications service:

(a) No telecommunications carrier shall submit or execute a change on the behalf of a subscriber in the subscriber's selection of a provider of telecommunications service except in accordance with the procedures prescribed in this subpart. Nothing in this section shall preclude any State commission from enforcing these procedures with respect to intrastate services.

(1) No submitting carrier shall submit a change on the behalf of a subscriber in the subscriber's selection of a provider of telecommunications service prior to obtaining:

- (i) Authorization from the subscriber, and
- (ii) Verification of that authorization in accordance with the procedures prescribed in this section. The submitting carrier shall maintain and preserve records of verification of subscriber authorization for a minimum period of two years after obtaining such verification.

(2) **An executing carrier shall not verify the submission of a change in a subscriber's selection of a provider of telecommunications service received from a submitting carrier.** For an executing carrier, compliance with the procedures described in this part shall be defined as prompt execution, without any unreasonable delay, of changes that have been verified by a submitting carrier.

FCC 00-255 pp34:

34. Several carriers ask the Commission to clarify that an executing carrier is liable for an unauthorized carrier change when the carrier improperly executes a carrier change request. Section 258 of the Act contemplates that the submitting carrier and/or the executing carrier could be liable for an unauthorized change in a subscriber's telecommunications service. In the Section 258 Order, we delineated the duties and obligations of submitting and executing carriers in order to minimize disputes over the source or cause of unauthorized carrier changes. Generally, we concluded that submitting carriers are responsible for submitting, without unreasonable delay, authorized and properly verified carrier change requests; **while executing carriers are charged with executing promptly and without unreasonable delay changes that have been verified by the submitting carrier.** We found that "where the submitting carrier submits a carrier change request that fails to comply with our rules and the executing carrier performs the change in accordance with the submission, only the submitting carrier is liable as an unauthorized carrier; **[but] where the submitting carrier submits a change request that conforms with our rules and the executing carrier fails to perform the change in conformance with the submission, ... the executing carrier is liable....**" Thus, **an executing carrier that fails to execute promptly and without unreasonable delay a change request that has been properly submitted and verified is in violation of section 258 of the Act and section 64.1100(b) of our rules and may be subject to liability for damages.**

FCC 03-42, pp6, pp22, pp24 and pp28:

6. In the Second Report and Order, the Commission affirmed its tentative conclusion that submitting carriers should be responsible for verification

of carrier change requests and, regardless of the solicitation method used, should employ one of three verification options (written letters of agency (LOAs), electronic authorization, or third party verification). 8. ...the Commission concluded that re-verification by executing carriers could serve to “take away control from the consumer” and constrain consumer choice. 19. ...re-verification by its very nature imposes additional burdens on consumers and diminishes consumer choice.

22. Specifically, the Commission found that **executing carrier re-verification could diminish consumer choice and impede competition, and would be expensive, unnecessary and duplicative of the submitting carriers’ verification.**

24. ... The Commission’s rules make clear that the responsibility to verify a customer’s change request before submitting it to that customer’s executing carrier rests upon the submitting carrier. Consequently, any liability that flows from a submitting carrier’s failure to verify a customer’s change request will, under the Commission’s rules, fall upon the submitting carrier. **Executing carriers are, of course, liable for any adverse actions that they may undertake during the execution process, such as unnecessary or unreasonable delay in implementing a change request from a submitting carrier.**

28. We reiterate our finding in the Second Reconsideration Order that carrier change request information transmitted to executing carriers in order to effectuate a carrier change cannot be used for any purpose other than to provide the service requested by the submitting carrier. We will continue to enforce these provisions, and will take appropriate action against those carriers found in violation.

CFR 64-1150 (d):

(d) Proof of Verification. Not more than 30 days after notification of the complaint, or such lesser time as is required by the state commission if a matter is brought before a state commission, **the alleged unauthorized carrier shall provide to the relevant government agency a copy of any valid proof of verification of the carrier change.** This proof of verification must contain clear and convincing evidence of a valid authorized carrier change, as that term is defined in Secs. 64.1150 through 64.1160. The relevant governmental agency will determine whether an unauthorized change, as defined by Sec. 64.1100(e), has occurred using such proof and any evidence supplied by the subscriber. Failure by the carrier to respond or provide proof of verification will be presumed to be clear and convincing evidence of a violation.

Excerpt taken from DA 10-1870:

“In the Section 258 Order, the Commission adopted aggressive new rules designed to take the profit out of slamming, broadened the scope of the slamming rules to encompass all carriers, and modified its existing requirements for the authorization and verification of preferred carrier changes. The rules require, among other things, that a carrier receive individual subscriber consent before a carrier change may occur.⁵ Pursuant to Section 258, carriers are absolutely barred from changing a customer's preferred local or long distance carrier without first complying with one of the Commission's verification procedures.⁶ **Specifically, a carrier must: (1) obtain the subscriber's written or electronically signed authorization in a format that meets the requirements of Section 64.1130 authorization; (2) obtain confirmation from the subscriber via a toll-free number provided exclusively for the purpose of confirming orders electronically; or (3) utilize an independent third party to verify the subscriber's order.”**

- Bob Bruce, Syniverse, reported that one of their customers acquired a new NPA-NXX via an acquisition in the SE region and its effective date is 12/4/2011. The provider is requesting a waiver of the SPID migration blackout in the SE region on 12/4/2011. Transfer of the code has been approved by NANPA. Bob will check to see if there are any SVs involved and if it is part of a conversion that the provider is going through.
- Sue Tiffany. Sprint Nextel asked Neustar if the large port notification has been changed from 15K to 25K. Neustar responded that we are awaiting the load test before we move it up to 25K.
- All **LNPA WG Participants** are to provide any ideas for 2012 LNPA WG meeting and call agenda items to the Co-Chairs for discussion at future meetings.

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

***Next Meeting ...January 10-11, 2012: Location...Scottsdale, Arizona
...Hosted by Telcordia***