LNPA WORKING GROUP

**MEETING MINUTES:**

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| Caesar’s Palace Hotel | Las Vegas, NV | Host: Nextel Partners |

**Wednesday, December 11, 2002 – 8:30 AM – 5:00 PM**

Attendance:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Company** | **Name** | **Company** | | |
| H.L. Gowda | AT&T | Shannon Collins | | NeuStar |
| Paul LaGattuta | AT&T (phone) | Stephen Addicks | | NeuStar |
| Sean Hawkins | ATTWS | Chris Bowe | | Nextel |
| Stephen A. Sanchez | ATTWS | Dave Garner | | Qwest (phone) |
| Lonnie Keck | ATTWS (phone) | Kathy McGinn | | Rural Cellular Corp. (phone) |
| Lee Hunter | BellSouth | Charles Ryburn | | SBC (phone) |
| Ron Steen | BellSouth (phone) | Leah Luper | | SBC (phone) |
| Dave Cochran | BellSouth | Kathleen Tedrick | | Sprint (phone) |
| Marian Hearn | Canadian LLC | Jeff Adrian | | Sprint PCS |
| James Grasser | Cingular Wireless | Rick Dressner | | Sprint PCS |
| Keagan O’Rourke | ESI | Colleen Collard | | Tekelec (phone) |
| Dennis Robbins | Electric Lightwave (phone) | John P. Malyar | | Telcordia Technologies |
| Jennifer Nichols | Metro PCS (phone) | Marybeth Degeolgis | | Telcordia Technologies |
| Rick Jones | NENA | Jean Anthony | | Telecom Software (phone) |
| Gene Johnston | NeuStar | Frank Reed | | T-Mobile |
| Jim Rooks | NeuStar | Jim Gray | | T-Mobile |
| John Nakamura | NeuStar | Glenn Mills | | TSI |
| Larry Vagnoni | NeuStar | Chuck Bohl | | US Cellular |
| Florence Webber | NeuStar | Charlotte Holden | | US Cellular |
| Rob Coffman | NeuStar | Maggie Lee | | VeriSign |
| Darius Irani | NeuStar | Gary Sacra | | Verizon |
| Barry Bishop | NeuStar | Linda Godfrey | | Verizon Wireless |
|  |  | Jason Lee | | WorldCom (phone) |
| Marcel Champagne | NeuStar | Karen Mulberry | | WorldCom (phone) |

Attached are the Action Items assigned at the December, 2002 LNPA meeting. Also included are the remaining open Action Items from previous meetings.



NOTE: ALL ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “DECEMBER 2002 LNPA ACTION ITEMS” FILE ATTACHED ABOVE.

11/02 Minutes Review:



The following changes were made to the DRAFT November, 2002 LNPA Minutes during the December meeting and will be reflected in the FINAL version.

* Page 5, NANC 356 Implementation: Stipulate that NeuStar was “asked” to coordinate obtaining service provider volunteers for the test.
* Page 6, CMIP Alternative Change Order Discussion: Modify the bullet item regarding the suggested need to better understand the business need of the Change order to further reflect that any protocol enhancements identified during the investigation of a possible alternative to CMIP could possibly be applied to the existing CMIP protocol.
* Page 12, NANC 370: Add an example of the type of operation that can be performed during the “maintenance mode.” A service provider-initiated query will be added.
* Remove references to individuals in the Minutes. (Note: References to individuals will remain in the monthly Action Items.)

Wireless Number Portability Operations (WNPO) Committee Report as reported by Jim Grasser, WNPO Chairperson:

* AT&T Wireless (AWS) submitted the attached contribution recommending that wireless carriers take a more aggressive stance with their respective vendors in order to ensure the 11/24/03 launch date for portability is met.



* US Cellular submitted the attached contribution recommending establishment of an Inter-Carrier Test environment at NPAC to prevent possible data corruption if wireless inter-carrier communication and network testing is performed in production systems. NeuStar stated that the NPAC 3.2 Release will have a dedicated test environment. A concern was raised that service providers may not have multiple test environments to test in the various test beds and the possible impact this may have on the wireless testing schedule. This will be further discussed at the January, 2003 WNPO.



* US Cellular reported that they had not received responses to their requests to initiate dialogue on Bona Fide Requests (BFRs). The BFR process document has been reissued and the WNPO Chairperson is collecting contact information from service providers to be used by carriers when issuing BFRs.

 

* Inadvertent porting of wireless numbers: The WNPO discussed various scenarios where wireless numbers were inadvertently ported. In some cases, wireline companies have inadvertently ported wireless numbers and the wireless companies have had problems getting the numbers ported back because they don’t have an established agreement with the offending wireline company. In addition, wireless carriers have been inadvertently porting other wireless carriers’ numbers during testing. The WNPO Chairperson will send a letter to the NAPM/LLC requesting that the wireless Conflict Timer be set to 24 business hours in the production NPACs until 11/24/03. This will give wireless carriers more time to resolve ports placed in Conflict in the hopes of preventing inadvertent ports. This will not, however, address the inter-species case where a wireline carrier inadvertently ports a wireless number.
* Cingular Wireless asked if LIDB providers currently populated their databases with wireless numbers. They raised a concern that if the LIDB provider is currently entering wireless numbers in their database under the wireless provider’s OCN, and if a block from that NXX code is pooled to that wireline provider, they can’t update the numbers with their OCN. ACTION: LIDB Database Providers were asked to come to the January, 2003 LNPA prepared to answer the following:

1. Do you populate your LIDB database with wireless numbers per an interconnect agreement with wireless providers, a state regulatory mandate, or due to a state regulatory mandate that requires an interconnect agreement?
2. If so, are the numbers entered against the wireless SP’s OCN?

* The WNPO reviewed the draft wireless reseller flows and have sent the identified concerns to NeuStar for incorporation into the draft flows.
* NeuStar report:
* There were 5 new Non-Disclosure Agreements and Interconnect Plans from wireless service providers since the last WNPO (total is now 40 wireless providers).
* No testing is taking place currently between wireless service providers and NPAC.
* 200,000+ intra-SP ports have been performed by wireless providers.
* NeuStar reported that there is currently no notification process when large numbers of pooled blocks are assigned. This information is available on the Pool Administrator website as soon as a block is assigned.
* It was reported that the National Association of State Utility Consumer Advocates (NASUCA) is advocating a national “Do Not Call” list for telemarketers.
* A number of questions were answered during the WNPO meeting:

1. Question: Can a block be activated earlier than PA effective date?

Answer: The date can be advanced, but it can’t be moved to within less than

5 days of the –X creation.

1. Question: Does NPAC script block activates to automatically process or is the

activation a manual process?

Answer: It is an automatic process.

1. Question: Is there a 1st port notification on a pooled block if it results in the

first time port in the NXX?

Answer: Yes, it is sent out at the time of –X creation.

1. Question: Can NeuStar require new users to provide information for the IVR? Answer: Yes.

* NENA report:
* Uninitialized phone problems have increased. NENA has formed a technical sub-group and the objective is to resolve the issues by the January, 2003 timeframe.
* WTSC Readout:
* The Hartford MSA testing date has been moved to January 6th.
* The WNPO discussed the NANC directive to the Pool Administrator to withhold the allocation to wireline service providers any pooled blocks from wireless NXX codes currently involved in extended permissive dialing periods. Wireline service providers will not be taking these blocks until the end of the applicable permissive dialing period.

Reseller Flows:

* NeuStar walked the group through the latest draft of the incorporated LNP provisioning process flows. A number of revisions were made. The review will also continue at the January, 2003 LNPA meeting.



PIMs:

* PIM 2 – An issue was raised that some providers are taking maintenance outside of the Sunday Service Provider Maintenance Window. These meeting minutes will include the text from the Service Provider Maintenance Window Document advising the industry that service providers should provide at least 30 days advance notification if they are taking maintenance outside of the regularly scheduled Sunday window.

Following is that advisory text:

“A service provider requiring SOA and LSMS Unavailability outside the Service Provider Maintenance Window will provide advance notification to the other Service Providers in the affected region(s) as soon as possible (minimum 30 days advanced notification is recommended)using the NPAC broadcast notification process.”

NeuStar took an ACTION to also issue this advisory to the Cross Regional distribution. It was also stated that the notice to the industry when a service provider is taking maintenance outside the Sunday window is buried in the regular Sunday Service Provider Maintenance notice that comes out just a few days prior to the Sunday window. NeuStar took an ACTION to look into possibly creating a separate Service Provider Maintenance notice for service providers taking maintenance outside the normal Sunday window that could be issued immediately upon notification from the provider.

* PIM 5 – SOW 19, which describes NeuStar’s role in the process of addressing inadvertent ports, is awaiting one LLC signature for approval. The process M&P has been loaded on the NPAC website and will become effective on 12/18/02. NeuStar will send out the M&P attached with the 12/13/02 Cross-Regional call notice.

NOTE: Subsequent to the December LNPA meeting, SOW 19 was approved.

* PIMs 14, 15, 20, and 21 –
* The INC continues development of its guidelines, *Procedures for Code Holder/LERG Assignee Exit*, that describe the responsibilities of NANPA, service providers, and the Pool Administrator when a service provider is returning or abandoning codes/blocks that contain ported telephone numbers.
* The group agreed that Action Item 1002-19, regarding development of a White Paper discussing alternatives to performing a code transfer, will be satisfied if the INC includes the temporary deletion of active SVs, and its considerations, as a possible alternative in their *Procedures for Code Holder/LERG Assignee Exit* (see attached letter, dated 4/10/02, sent from the LNPA to INC providing comments to the COCAG Appendix C/TBPAG Appendix 7 Procedures for Code Holder/LERG Assignee Exit).



AT&T stated they will also submit a contribution to INC proposing adoption of language addressing the deletion of active SVs as a possible alternative when transferring a code with ported numbers.

* Telcordia reported that the INC discussed the LNPA contribution to their *Procedures for Code Holder/LERG Assignee Exit* on their November call and will continue discussions at their January, 2003 meeting. Telcordia was asked to take to INC a request that they share their draft document with the LNPA prior to going to initial closure. ACTION
* With regard to PIM 20, AT&T stated they will also submit a contribution to INC proposing that no porting can take place within 14 days prior to the LERG disconnect effective date. The contribution will propose that the code be deleted from NPAC. NeuStar raised a concern about being placed in the middle of a controversial process that in essence can result in a denial to port. It was suggested that any possible resolution to this issue needs to be put in the context of preserving a customer’s service rather than denying the ability to port. AT&T will submit their contribution to INC, and if accepted by INC, it will be reviewed by the LNPA as a possible resolution to the PIM. If accepted by the LNPA, it will then be presented to NANC as the recommended PIM 20 resolution. The LNPA will also request further guidance from NANC as to how to proceed, e.g. refer to FCC, etc.
* With regard to PIM 21, AT&T also stated their INC contribution to the *Procedures for Code Holder/LERG Assignee Exit* will address abandoned TNs ported into carriers who have left the market.
* PIM 18 - Review of the Reseller Flows continues in the LNPA.
* PIM 22 - Verizon presented their Change Order for a proposed resolution to this PIM (see attached).



This Change Order proposed modifying the Conflict functionality in NPAC such that any of the current Conflict Status Cause Values may be placed on a list of Cause Values requiring concurrence from both the Old and New Service Providers before Conflict Status can be removed on a port. A concern was raised by a member that this could be used to delay a port indefinitely. A compromise was suggested to provide a separate tunable Conflict Timer that would be applied to a list of Cause Values that are determined to be treated differently from the current Conflict Timer. The value of this new tunable timer would need to be determined. Verizon took an ACTION to submit a new Change Order reflecting the compromise suggestion. This will be discussed at the January, 2003 LNPA meeting.

CMIP Alternative Change Order Discussion:

* This discussion was moved to the January, 2003 agenda.

# THURSDAY 12/12/02

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| --- | --- | --- | --- | --- | --- |
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| Marcel Champagne | NeuStar | Karen Mulberry | | WorldCom (phone) |

Proposal to Raise the Wireline Conflict Timer Value:

* A Wireless member of the team requested that the LNPA consider increasing the Wireline Conflict Timer from 6 business hours to 24 business hours as an interim measure until at least 11/24/03. Service Providers have an ACTION to discuss this proposal internally and come prepared at the January meeting to discuss a possible recommendation from the LNPA to increase.

Continuation of the Process Flows Discussion:

* The LNPA Co-Chair took an ACTION to send to NeuStar the modified narrative for Provisioning With the Unconditional 10-Digit Trigger that resulted from PIM 13.

NOTE: This was completed. See Step 9 in the attached.



* Service Providers have an ACTION to come prepared to the January LNPA meeting to vote on the following two options regarding how tunable values are to be addressed in the Process Flows and/or accompanying Narratives:

1. Refer to the tunable parameters by name only in the Process Flows and/or Narrative and create an Appendix to the Narrative that lists the current values of each referenced tunable.
2. Reference the current values of the tunable parameters in the Process Flow and/or the appropriate step of the Process Flow Narrative.

In both cases, differences in the values of wireless and wireline versions of a tunable will be identified.

NPAC Release 3.2 Project Plan:



* NeuStar reported that all 7 SOA/LSMS vendors have signed up for ITP testing.
* The Service Provider Individual Turn-Up testing interval has been extended 2 weeks (running from 3/4/03 through 4/25/03).
* The Service Provider Group and Performance testing interval has been extended 1 week (running from 4/28/03 through 5/14/03).
* Region 1 will go into production on 5/19/03, Regions 2, 3, and 4 will go on 6/2/03, and Regions 5, 6, and 7 will go on 6/16/03.
* NeuStar also reported that the development phase remains on track.

Change Management Discussion:

* The group reviewed Revision 94 of the Change Order Package (attached).



* NANC 363: SOA/LSMS Vendors took an ACTION to assess the impact of NANC 363 and provide feedback at the January, 2003 LNPA meeting.
* New NANC Change Order 372, which addresses the investigation of possible alternatives to CMIP Protocol, will initially be developed in the new Architecture Planning Team.

NANC 356 (Service Provider Name Field Change) Rescheduling:

* NeuStar provided the following report on testing NANC 356:
* testing was set up in the 3.1 test bed.
* participating service providers were asked to perform normal porting activity.
* 4 wireline providers participated on 12/4/02. Another provider participated on their own subsequently.
* Testing was successful and no problems were reported.

* During the discussion, Sprint PCS reported a problem discovered during testing

downstream from their SOA. It impacts the Inter-provider Communications Process

(ICP) and any provider with the same wireless solution will likely have the problem.

Sprint PCS took an ACTION to investigate the reported issue and report to the LNPA

if it is serious enough to prevent rescheduling NANC 356 implementation until it is

resolved.

NOTE: Subsequent to the 12/02 LNPA meeting, Sprint PCS reported that the issue has been resolved and that the scheduling of NANC 356 implementation can proceed. This will be placed on the January, 2003 agenda.

2003 Meeting Schedule:

* Wireless will meet on Mondays and Tuesdays, the new Architecture Planning Team will meet on Tuesdays from 1pm-5pm local time, and the LNPA will meet on Wednesdays and Thursdays.
* Jan. Week of 1/13. NANC meets on 1/22. Hosted by Qwest and NeuStar in Phoenix.
* Feb. Week of 2/17. No NANC meeting. Hosted by TSI in Tampa.
* Mar. Week of 3/10. NANC meets on 3/19. Hosted by SBC in San Antonio.
* Apr. Week of 4/7. No NANC meeting. Hosted by NeuStar in Sterling, Va.
* May Week of 5/5. NANC meets on 5/13. Hosted by Sprint in Kansas City.
* Jun. Week of 6/9. No NANC meeting. Hosted by AT&T in NY or Atlanta.
* Jul. Week of 7/7. NANC meets on 7/15. Hosted by Cingular in Chicago (tentative).
* Aug. Week of 8/11. No NANC meeting. Hosted by AT&T Wireless in Seattle (flexible to swap).
* Sep. Week of 9/15. NANC meets on 9/25. Hosted by Verizon in Portland, Maine.
* Oct. Week of 10/13. No NANC meeting. Hosted by Canadian Consortium in Banff, Alberta, Canada.
* Nov. Week of 11/10. NANC meets on 11/5. Hosted by VeriSign in Overland Park, Kansas.
* Dec. Week of 12/8. No NANC meeting. Hosted by Telcordia in San Diego.

Review of November Action Items:



* Item 1102-01: This item was completed by NeuStar.
* Item 1102-02: This item was completed by NeuStar.
* Item 1102-03: Completed. See report in these minutes on NANC 356.
* Item 1102-04: Item will remain open until the February, 2003 meeting.
* Item 1102-05: Completed. Assigned NANC Change Order 372.
* Item 1102-06: Completed by NeuStar.
* Item 1102-07: Completed by NeuStar. NeuStar reported that the SPID in question requests daily Bulk Data Downloads (BDDs) in order to synch their 911 data. Discussions on whether daily BDDs will continue will be tabled for future discussion.
* Item 1102-08: Completed by NeuStar.
* Item 1102-09: Item will remain open until the January, 2003 meeting.
* Item 1102-10: Completed. The PIM 2 document has been revised accordingly.
* Item 1102-11: Item is complete. Service Provider Maintenance Window notification now contains this text.
* Item 1102-12: Completed. The letter has been sent to the NAPM/LLC.
* Item 1102-13: Completed. The applicable test cases are in the test plan.
* Item 1102-14: Completed. Following is the advisory that was issued to CIGRR members:

“The LNPA, through Adam Newman, Telcordia, has asked us to remind you that as indicated in the LERG Routing Guide that any wireless NXXs marked as "Y" for portability should be opened as portable in their networks prior to the wireless pooling mandatory start date.”

* Item 1102-15: Completed. Advisory was issued to the LNPA distribution.
* Item 1102-16: Completed. Change Order was presented by Verizon. See new ACTION ITEM 1202-13 for submission of a revised Change Order.
* Item 1102-17: Completed. Comments provided to Adam Newman, Telcordia, on 11/21/02 for consideration by INC on their 11/22/02 conference call. See attached.

 

* Item 0802-01: Item remains Open. Jim Grasser, WNPO Chairperson, will send to Charles Ryburn, LNPA Co-Chair, before the January LNPA meeting.
* Item 0902-06: Completed. INC discussion took place on their 11/22/02 call to address their *Procedures for Code Holder/LERG Assignee Exit*.
* Item 0902-07: Completed. INC discussion took place on their 11/22/02 call to address their *Procedures for Code Holder/LERG Assignee Exit*.
* Item 0902-17: The SPID Migration M&P (NANC 323) is part of NeuStar’s 1Q03 work plan. Item remains Open.
* Item 1002-02: Item is completed. New ACTION ITEMS assigned:

1202-04: Neustar will modify the attached Code Reallocation Process document to reflect that, in non-pooling areas, the service provider will work with NPAC to only activate the blocks they want (the service provider is responsible for tracking). NeuStar will include brief statements on back-out procedures.



1202-05: Related to Action Item 1202-04, NeuStar will develop the necessary M&P for review by the LNPA. The M&P will address who the service provider should contact to address problem scenarios, e.g., for pooling areas contact the PA, for non-pooling areas contact NANPA. The draft M&P is planned for review at the February, 2003 LNPA.

* Item 1002-19: Complete. The group agreed that Action Item 1002-19, regarding development of a White Paper discussing alternatives to performing a code transfer, will be satisfied if the INC includes the temporary deletion of active SVs, and its considerations, as a possible alternative in their *Procedures for Code Holder/LERG Assignee Exit* (see attached letter, dated 4/10/02, sent from the LNPA to INC providing comments to the COCAG Appendix C/TBPAG Appendix 7 Procedures for Code Holder/LERG Assignee Exit).



New Business:

* Area code (859) in Kentucky splits two NPAC regions. MCI/WorldCom reported being asked by an NPAC Help Desk representative to move codes from the Midwest Region to the Southeast Region. NeuStar took an ACTION to investigate internally. MCI/WorldCom will provide the name of the Help Desk representative to NeuStar to assist in the investigation.