WNPO Monthly Meeting Minutes
June 11 - 12, 2001   Sprint - Kansas City

Attendance:

Name	Company	Name	Company
Jim Grasser	Cingular	Brigitte Brown	Telecorp PCS
Anne Cummins	AT&T Wireless	Gary Sacra	Verizon
Gustavo Hannecke	NeuStar	Gene Perez	TSI
Marcel Champagne	NeuStar	Mike Panis	Evolving Systems
Ron Steen	Bell South	Mark Wood	Cingular
Jean Anthony	Telecom Software	Suzell Wyvill-Jones	Cingular
Ron Stutheit	Evolving Systems	Jerry Hill	Cingular
Dave Cochran	Bell South	Ron Steen	BellSouth
Gene Johnston	NeuStar	Rick Dressner	Sprint
Anthony Kies	Dynegy	Maggie Lee	Illuminet
Sharon Bridges	Verizon	John Malyar	Telcordia
Linda Godfrey	Verizon Wireless	Patrick Lockett	Sprint
Cindy Sheehan	AT&T Broadband	Dave Garner	Quest
Jason Lee	WorldCom	Charles Webb	Qwest Wireless
Patrick Lockett	Sprint	Gene Perez	TSI Telecom Services
Frank Reed	Voicestream	Cathie Capita	Voicestream
Colleen Collard	Tekelec	Jan Dempsey	Illuminet
Terri Becker	Sprint	Kelly Anderson	SCC Communications
Kathleen Tedrick	Sprint		

Meeting Minutes:

Introductions and Agenda Review

Introductions were made and the agenda reviewed.

Approve Minutes from Previous Month

Minutes from May were reviewed and a change will be made for final review at the July meeting.

Nominations & Election for WNPO Co-Chair

Following are the individuals nominated for WNPO co-chair. The WNPO heard from each of the nominees and later elected Brigitte Brown from TeleCorp PCS.

Linda Godfrey – Verizon wireless
Brigitte Brown – TeleCorp PCS
Gene Perez – TSI

Introduction of New Business Items

Possibility of selecting a vendor to provide a clearinghouse function for requesting codes to be opened for porting.

Review of Open Issues List

0001 NANC Change Order 328 for Sunday NPAC Business Hours –- Although this was accepted at the LNPA WG, to apply to both wireline and wireless, it is in a holding pattern due to other priorities.

0002 Identify group for ongoing maintenance of ICP document -- This will be added to next month's agenda.

0003 Verizon "clearinghouse" contribution -- This has been provided to the ICP team, however, the WNPO will keep this issue open for tracking purposes.

0004 PIM 0012 Operator Services – This will be discussed at the LNPA WG. At a high level, there are two issues. For a wireline to wireless port, alternately billed calls would be allowed, but the calls would not be billed. For a wireless to wireline port, these services would be denied. A more detailed description of the issues, along with the two possible solutions, are contained in the May WNPO meeting minutes.

0005 Letter to LLCs requesting support of NPAC business hours for Sunday porting were sent.

0006 Impact of wireless number portability on Operator Services – this is the same issue as 0004 and will be closed.

0007 Impact of wireless number portability on directory assistance and directory listings –

Input is needed from wireless carriers on whether they are able to support the mandatory fields required for these services. The emphasis is for supporting these services for wireline to wireless ports.

ACTION: SPs to review the documentation provided by Jim Grasser containing the requirements for directory listings/assistance, and provide a list of the requirements that your organization CANNOT support. This information should be emailed to Jim Grasser by 6/20/01.

Jim Grasser reviewed a list of issues and concerns that was documented at OBF #74. The August 27 – 31 OBF meeting will also be addressing directory listings. **ACTION:** Jim will email the presentation to the group. Following are some of the concepts raised in the presentation:

1) Scoping – Determines within which book the listing will be placed and who will get delivery of the book. It is based on the NPA NXX of the service address. It is noted that often this address is not captured for wireless.
2) It is assumed that wireless carriers will keep a database with customer listing information.
3) If a service provider doesn't specify business vs. residential, how will class headings and yellow page heading be determined?
4) Is there a need to list if a number is wireless vs. wireline?
5) Is there a need to identify if a number in directory assistance is wireless or wireline?
6) Implication of number pooling and porting – the telephone number will not determine if the customer is wireless or wireline.
7) There may be a need to have wireless service providers enter into interconnection agreements with multiple service providers.
8) Once wireless SPs begin supporting listings for ported-in wireline numbers, how should they handle requests for listings of other wireless numbers?
9) How should entitlements be handled for listings (e.g., listing appearance)?
10) Will a wireless customer get a free listing like wireline?

0008 Generate a Risk Assessment Document to be forwarded to the NANC; outline risks of implementing porting/pooling without every wireless SP MIN-MDM split compliant – Anne Cummins will present a contribution to the team at this meeting.

0009 Generate a Wireless Pooling document based on 99-200 and review of existing industry documents – This item is on the agenda to be discussed at this meeting.

Update from NeuStar

Cingular is the first and only company to complete SOA turn-up testing.

There are still only 9 companies who have signed up for NPAC testing. Team members recommended that another mailing be sent out by CTIA to wireless providers, and others understood that CTIA had previously indicated their intent to send out another letter. **ACTION:** Anne Cummins will check on this with CTIA.

There is a new vendor in the process of developing a SOA. NeuStar indicated that in a worst case scenario, if could take up to 18 months to fully complete the interoperability and functionality testing.

Vendor Compliance Letters & Vendor List

The team agreed to send out letters to certain vendors, whose products have inter-working requirements between carriers, in order to solicit information from the vendors on their plans to support LNP Phase 2, and the timeframe for when they can support it. Two draft letter contributions were provided (one from AT&T Wireless, and one from TeleCorp PCS) and reviewed at the meeting. Changes were made to the letters, and the letters were finalized and approved at the meeting.

Team approved one letter to be sent to the switch, HLR/VLR, and STP/SCP vendors (version AC). These vendors will be invited to present to the WNPO team at next month's meeting in Ottawa. Another letter was approved to be sent to the E911, short message service, and operator services vendors (version BB). All vendor types will be invited to participate in future monthly WNPO meetings.

ACTION: Service Providers to provide a list of switch, Short Message Service, HLR/VLR, E911, STPs/SCPs, and Operator Services vendors to whom the letters should be sent. This list should be emailed to Jim Grasser and Brigitte Brown no later than Monday June 18th, and should include vendor name, contact name, and address.

ACTION: The co-chairs will send the letters to the vendors (for whom contact information was provided by Monday June 18th).

ACTION: The co-chairs will also invite the standards bodies to attend future WNPO meetings to present to the WNPO team.

Wireless NPAC Turn-Up Testing:

NeuStar requested feedback on two sample documents that they were proposing be used to record and monitor the status of the wireless NPAC turn-up testing.

The team agreed that the sample project plan format should be utilized and be posted on the NPAC website.

The team reviewed the sample status report submitted by NeuStar and decided that the format and content were acceptable. Additionally, the group agreed that the documenting of trouble tickets in the back of the document would be helpful. However, the following changes should be made:
1) Change it from a daily to a monthly status report
2) Change the title of the document to Wireless NPAC Turn-Up Testing

ACTION: NeuStar to make these minor modifications to the document.

Information and status updates provided to NANC should be summary/high-level.

Risk Assessment Report – Implementation of Pooling/Porting Without Ubiquitous MIN/MDN Split Compliance:

This document will be put together to ensure that everyone can identify and understand the risks associated with implementing pooling and/or porting without ubiquitous MIN/MDN split compliance. The team reviewed and approved the Risk Assessment Report outline submitted by Anne Cummins.

Requested volunteers to provide drafts of different sections of the Risk Assessment document.
ACTION: For the next meeting, the following volunteers will provide draft information for the sections below (Jim Grasser, Anne Cummins, Kelly Anderson, Jason Lee, Brigitte Brown).

Section 1 – Regulatory Background: Jim Grasser to provide a draft.

Section 2 – Technical requirements to support nationwide roaming for Pooling and Porting: Jim Grasser and Brigitte Brown to work on a draft. The Technical Operations document can be referenced to prepare this.

Section 3 – Network routing and call completion for Pooling and Porting: Anne Cummins will pull the reference material together.

Section 4 - Billing: Kelly Anderson will help work on a draft.

ACTION: Jason Lee will ask how much IXC traffic is billed in some other way other than on ANI (i.e., what percent of the billing (out of total minutes) to wireless carriers is and is not billed on ANI?) **ACTION:** Kelly Anderson will also talk to some of the message processing vendors who sit on the OBF. **ACTION:** Anne Cummins will also ask AT&T.

Need to consider out-collect charges for roaming on areas covered by a carrier that does not have coverage in Top 100 MSAs.

Section 5 – Customer Care: Jim Grasser and Brigitte Brown will work on a draft.

Section 6 – Implementing Pooling and/or Porting without Ubiquitous MIN/MDN Split: This will be a summary of the findings from the other sections.

Number Pooling Document for Wireless:

CTIA is working on a timeline for number pooling. Team decided to postpone this discussion until the report is generated from CTIA on June 29th.

Testing Subcommittee Update:

Testing Subcommittee met last week in Arlington, Virginia at TeleCorp PCS, and there were 22 meeting participants (including 3 to 4 wireline carriers). Need reseller and smaller carrier participation in the Testing Subcommittee meetings. **ACTION:** Gene Perez will attempt to solicit involvement from these carriers. Mark Wood will give a presentation on the Testing Subcommittee at the upcoming IIR meeting, and the group is hoping that the upcoming IIR meeting will increase carrier attendance.

The Testing Subcommittee is currently working on revisions to the test plan. The goal is to simplify the test plan and send out a baseline (for example, they are working on condensing section 4.3). They are targeting August/September for completion of the next revision of test plan. The group will then begin working on a testing schedule subsequent to the issuance of the revised test plan. The Testing Subcommittee does not expect much inter-carrier testing in October, and they are hoping that testing will start in November. Some members of the WNPO recommended that if inter-carrier testing is not going to start on 10/1/01, then a statement should be made on the record indicating so. And that a similar statement should be made if it is

estimated that the end date of 5/31/01 needs to be extended. The "quiet period" was mentioned, where service providers cannot make any changes on their systems, and that the Testing Subcommittee may want to capture each carriers' quiet period and consider the impacts on the testing schedule.

The question was posed whether SLAs and interconnection agreements are required before testing with other carriers. The Testing Subcommittee does not require those to be in place and does not plan to track this information, it is up to the individual service providers to do so. One wireless carrier indicated that they must have both an SLA and an interconnection agreement in place before they will test with another carrier. WNPO members expressed concerns about these agreements preventing carriers from beginning inter-carrier testing on time.

A separate Adhoc team is being formed, and Mark Wood will head up this group for the time being.   The group will be writing up a summary of the team's purpose. Currently, the group is working on writing test cases for GTT and short message service, which will be optional. Participation is needed from more technical individuals. The Adhoc team also wrote up three new ICC test cases, and no objections were received from the members of the Testing Subcommittee. A WNPO team member indicated that there were discrepancies with the three proposed test cases, and the discrepancies are dependant upon what version of the ICC companies are working with. **ACTION:** Rick Dressner to write up the issue and submit it to the Testing Subcommittee for discussion at the Testing Subcommittee meeting.

NeuStar gave a presentation to the Testing Subcommittee on T1 and T2 timers and long and short days.

The Testing Subcommittee discussed opening codes, as well as the timing and impacts of those activities. Their main suggestion was to perform intra-company testing without communicating to the LERG. Need 60 days for LERG to process opening a code for porting.

Late entrant testing after May 2002 is up to the individual carriers. If they agree to test with one another then they can do so. It is noted that some wireline carriers had indicated previously that they will only test with wireless carriers at a certain point in time, and subsequent to that, they will no longer support testing with other wireless providers.

The next Testing Subcommittee conference call will be held the week of June 18th, and the next meeting will be on August 7th and 8th in Denver, CO (there will not be a face-to-face meeting in July).

Vendor (Clearinghouse) for Receiving/Submitting Request for Opening Codes for Porting:

The proposal is to have one vendor in charge of handling porting requests, to act as the intermediary between the SPs, so that SPs do not have to contact each individual SP regarding each port request that will require a code to be opened for porting. Wireline had the PUCs to handle this function. This vendor could possibly setup a website to house NPA NXXs and indicate whether or not they are open for porting. Without this intermediary, SPs would have to send a letter to the other SP with for every bonafide request.

Team members indicated that CTIA agreed that we should have further discussions on this topic.

NPAC information is not synced up with LERG information for codes being opened for porting. There are examples of an NPA NXX being incorrectly requested to be opened in multiple regions. If the request indicates the wrong region, then the calls will be routed to the wrong switch.

Based on the number of NPAs that are currently open for porting, the number that will be opened for pooling on 11/24/02, one can determine the number of NPAs that would still need to be opened for porting and whether it would be valuable to have this functionality being provided by a vendor. **ACTION:** Everyone should determine the number of NPAs that are in the Top 100 MSAs (not NXXs). To determine this number one needs to look at LERG vs. list of Top 100 MSAs. After determining this number, it can be determined how many of the NPAs have at least one NXX already open for porting. If there is one code (NPA NXX) open for porting in the NPA, then the entire NPA can be considered as open for porting. **ACTION:** Patrick Locket volunteered to bring a list of NPAs that currently have at least one code open.

The team is estimating that 160 NPAs will be open for pooling by 11/24/02 (Note: If a SP participates in pooling, they have to open codes for porting, a port request does not trigger that code to be opened for porting). Once the team has a figure for the number of NPAs that are in the Top 100 MSAs, subtracting the 160 NPAs will determine the remaining number of NPAs that will need to be opened for porting.

An MSA is defined as a group of counties or parishes. Government website (U. S. Census Bureau) has a list of counties and parishes that fall within an MSA. However, there is no document containing an identification of which NXXs are contained within an MSA.

Illuminet Contribution - Model for Forecasting Porting Activity (NPDB Capacity):

The WNPO is working on defining a model to forecast future porting volumes. Maggie Lee provided a contribution of a draft model on a national level.

ACTION: Team to review the contribution and email feedback to Maggie Lee. Maggie Lee will make revisions to the model (including adding detailed definitions of the headers) and will try to send out a new version before the next meeting.

Next Meeting:

July 9 (1:00P – 5:00P EDT) and July 10 (8:30A – 12:00P EDT)
Canadian Consortium, Ottawa

Remember: **To subscribe to the WNPO minutes, send an e-mail to** majordomo@telecomse.com **and in the body write <subscribe wireless_ops>.**

Future meetings:

WNPO	Host:
August 13 - 14	AT&T, Seattle
September 10 - 11	Verizon, Baltimore
October 8 – 9	SBC, San Antonio
November 12 - 13	NeuStar, New Orleans
December 10 – 11	Qwest, Phoenix