

**North American Numbering Council
Meeting Minutes
July 17-18, 2002 (Final)**

I. Time and Place of Meeting. The North American Numbering Council held a meeting commencing at 8:30 a.m., at the Federal Communications Commission, 445 12th Street, S.W., TW-C305, Washington, D. C.

II. List of Attendees.

Voting Council Members:

1. Robert Atkinson	Chairman
2. Teresa Gaugler	ALTS
3. Pamela Connell	AT&T
4. Wendy Potts	Bell Canada
5. Lori Messing	CTIA
6. Switzon Wigfall	NARUC
7. Helen Mickiewicz	NARUC
8. Dan Kearney	NARUC
9. Natalie Billingsley	NASUCA
10. Joel Cheskis	NASUCA
11. Beth O'Donnell	NCTA
12. James Goldstein	Nextel
13. David Bench	Nortel Networks
14. John McHugh	OPASTCO
15. C. Courtney Jackson	OUR
16. Deborah Bell	SBC Communications, Inc.
17. Hoke Knox	Sprint
18. Rose Travers	USTA
19. Michael O'Connor	Verizon
20. Anna Miller	VoiceStream
21. Karen Mulberry	WorldCom

Special Members (Non-voting):

John Manning	NANPA
Jean-Paul Emard	ATIS

Commission Employees:

Sanford Williams, Designated Federal Officer (DFO)
Jennifer Gorny, Alternate DFO
Deborah Blue, Special Assistant to the DFO
Cheryl Callahan, Assistant Chief, Telecommunications Access Policy Division

Patrick Forster, Wireless Telecommunications Bureau

III. Estimate of Public Attendance. Approximately 27 members of the public attended the meeting as observers.

IV. Documents Introduced.

- (1) Agenda
- (2) May 21-22, 2002 NANC Meeting Minutes
- (3) NANPA Report to the NANC
- (4) Status of Area Code Relief Exhausting within 36 Months
- (5) NANP Expansion/Numbering Optimization IMG
- (6) NANPA Oversight Working Group Status Report to the NANC
- (7) INC Report to the NANC
- (8) LNPA Working Group Status Report to the NANC
- (9) Letter from Robert Atkinson to Dorothy Attwood, Chief, Wireline Competition Bureau, regarding NPAC Change Management Administration
- (10) Wireless Number Portability Operations Status Report to the NANC
- (11) Wireless Number Portability Subcommittee Pooling Task Force Report
- (12) CTIA Statement: Vendor Readiness Survey Results
- (13) NANPA Fund Performance Status Report & Funds Projection
- (14) Intermediate Numbering/Soft Dial Tone IMG Status Report to the NANC
- (15) North American Portability Management (NAPM), LLC May 21, 2002 Report to the NANC
- (16) National Thousands Block Number Pooling Report

V. Summary of the Meeting.

A. Announcements and Recent News. Chairman Atkinson noted a change to the Agenda. He advised that Deborah Bell, SBC, would present a report prepared by the newly formed Intermediate Numbering/Soft Dial Tone IMG.

Chairman Atkinson announced that he had planned to present an award to NARUC for their states' excellent performance in providing the best response rate to the 2001 NANPA Survey. He reported that he had intended to present them with a plaque but had left it on his kitchen table. Chairman Atkinson read what had been inscribed on the plaque and apologized for the oversight on his part.

B. North American Numbering Plan Administrator (NANPA) Report to the NANC. John Manning, NANPA, provided the report to the Council.

2002 NANP Exhaust Projection. Mr. Manning stated that at the May 2002 NANC meeting, the NANC reviewed and approved 2002 NANP Exhaust Projection Assumptions that were put together by the NANPA in cooperation with the NENO Working Group. He advised that the major change in these assumptions as compared with the assumptions used in the 2000 and 2001 analyses is that NANPA was able to

incorporate the National Pooling Rollout Schedule and the individual area code exhaust projections. As a result, the assumptions concerning the implementation of national number pooling and the impact of pooling on wireline CO Code demand were eliminated.

Mr. Manning reported that with NANPA using the monthly CO Code demand for each NPA as calculated in the June 2002 NPA Exhaust Analysis, and straight-lining this demand outside the five-year forecast included in NRUF submissions, NANPA derived an average yearly demand rate of approximately 10,500 CO Codes per year. He stated that this yearly demand rate was compared with demand rates in 1999, 2000 and 2001. Mr. Manning advised that although this demand rate was less than the net demand in 1999 and 2000 and the same as the gross demand in 2001, it was still higher than the annualized gross demand for 2002 and significantly higher than the 2001 and 2002 actual net demand rate. He stated that in order to provide a NANP exhaust analysis more reflective of the current industry trend in terms of yearly CO Code demand, NANPA selected a base case of 8,400 annual CO Code demand. Mr. Manning noted that this represents a 20% reduction in the annual demand created using the June 2002 NPA Exhaust Analysis. He stated that it is NANPA's view that over time, the quantity of returned codes will begin to decrease as the industry adjusts to the optimization measures put in place with the FCC's NRO Order and the local exchange market begins to stabilize. Mr. Manning further stated that with the current actions being taken to conserve numbers, maximize number utilization, and delay NPA relief, it is envisioned that annual net demand will become more in line with gross demand as carriers only obtain resources when truly needed. He advised that assuming the quantity of NPAs available is 685, using an average CO Code demand rate of 8,400 codes assigned per year, the projected NANP exhaust date is 2031.

Mr. Manning reported that a sensitivity analysis was conducted to understand the relative impacts of certain assumptions on the results. He noted the two aspects in the exhaust analysis were identified that impacted the results of the study: (1) the assumed percent reduction in Co Code demand to reflect the impact of wireless pooling, and (2) annual CO Code demand. Mr. Manning advised that due to the absence of any actual data indicating the potential impact of wireless pooling on CO Code demand, NANPA varied the percent reduction in wireless CO Code demand. Mr. Manning further advised that as part of its analysis, NANPA also applied the percent reductions in wireless CO Code demand due to number pooling to two other possible annual CO demand rates. He noted that for comparison purposes, NANPA performed a sensitivity analysis using a 10,500 annual CO Code demand, which represented the gross demand in 2001, and NANPA further reduced demand to 7,300 codes per year.

Mr. Manning stated that in summary, the results show that the numbering optimization measures are having a positive impact on NANP exhaust.

NPA Relief Planning Status Report. Mr. Manning reviewed a chart on the status of area code relief exhaust over the next 36 months. He explained that the purpose of the chart is to serve as a single source where the NANC members can get basic information regarding the status of what is going on in a particular state or NPA.

NPA Inventory Report. Mr. Manning reported that there are 800 possible combinations in NXX format. He stated that of the 800, 125 are not assignable or set aside for special purposes. There are 600 assignable codes. Of the 675 assignable codes, 367 are currently assigned (an increase of 4 NPAs since January 1, 2002). Of the 367 assigned codes, 322 are in service (an increase of 7 NPAs since January 1, 2002). Of the 322 codes in service, 309 are geographic (an increase of 7 NPAs since January 1, 2002) and 13 are non-geographic. Of the 367 assigned codes, 45 are awaiting implementation (a decrease of 3 NPAs). Of the 675 assignable codes, 308 are currently unassigned (a decrease of 4 NPAs). Of the 308 unassigned codes, 48 are easily recognizable codes (ERCs) currently allocated for non-geographic use, and 260 are general purpose codes (a decrease of 4 NPAs). Of the 48 unassigned ERCs, 11 are reserved, leaving 37 available. Of the 260 general purpose codes, 218 are reserved (a decrease of 4 NPAs) leaving 42 available.

Central Office Code Activity Report. Mr. Manning reported that the total number of assignments in the first six months of 2002 were 4,123 codes. Net assignments were 1,484 codes. He noted that in comparing the first six months of 2002 with the same time period in 2001, assignments are down by 2,108 codes or nearly 34%. The total returns in the first six months of 2002 were 2,639, a decrease of 406 codes or 13% in comparison to the same time period in 2001. Mr. Manning reported that NANPA is still experiencing a fairly high number of returned codes and the overall demand is down.

2002 NANP Performance Improvement Plan (PIP). Mr. Manning reviewed the major items (as it relates to performance) of the 2002 NANP PIP agreed to by the NANPA and the NOWG. He reported that NANPA has started the process of surveying CAS (Code Administration System) users and non-CAS users to get an idea of their likes and dislikes, which functionalities need to be improved, what features they would like to see added, etc. Mr. Manning stated that NANPA will design and implement a program to increase the usage of CAS. He further stated that NANPA will study data discrepancies between CAS, the LERG, and NRUF and determine an action plan as to how to address the data integrity issue. NANPA will reconcile CAS capabilities with the Lockheed proposal. Mr. Manning reported that NANPA will add some additional navigational tools to the NANPA web site.

Mr. Manning also reviewed the additional items in the NANP PIP: Code Administration; Relief Planning; NRUF; Measurements (NANPA performance measurement system); and General (numbering issues that affect administration; and explaining FCC directives regarding number administration).

Update on Returned Codes with Ported Telephone Numbers. Mr. Manning stated that at the May 2002 NANC meeting, NANPA presented an interim process agreed to at the INC concerning the return of codes with ported telephone numbers (TNs). He advised that when NANPA receives a code that is being disconnected in an area code that has implemented portability, NANPA takes that disconnect, asks for a report from the NPAC about whether or not there is porting on that code. If there is, NANPA contacts all

service providers with ported TNs and asks them whether they wish to become the code holder because the code is being disconnected. Assuming that one of the service providers responds with a Part 1, NANPA will move forward with changing the OCN from the carrier that is disconnecting the code to the carrier who is becoming the new code holder. This interim process was designed to streamline the process with which NANPA will either get an answer or not and then move forward with the disconnect or move forward with changing the code holder. Mr. Manning reported that from April through mid-June 2002, NANPA has distributed 110 letters to service providers regarding nearly 215 CO Codes being returned with ported numbers. Of this amount, 184 codes found a new code holder and 27 codes were to be disconnected. Eighty-six percent of the returned codes with ported TNs found a new code holder.

Mr. Manning reported that many service providers still are not responding to letters or responding in a timely manner. Further, a few companies deny opportunity to become the new code holder but state that if NANPA cannot find another service provider to take the code, to please contact them again prior to informing the state commission. In some situations, NANPA has learned that some companies have criteria that a code is required to have a minimum quantity of their own ported numbers before they will consider becoming a code holder. Mr. Manning pointed out that NANPA has not received any Part 1s returning a code where the applicant has included with the Part 1 the associated NPAC report indicating whether or not there are ported TNs on that code.

Mr. Manning advised that NANPA is now receiving formal complaints from carriers who state that NANPA is not moving quickly enough to resolve the issues of disconnecting codes. He pointed out that those very same carriers are not taking action on their part to assist NANPA in trying to find a new code holder for these codes nor are they telling NANPA whether or not there are ported TNS on those codes. Mr. Manning stated that accusations are being made that NANPA's adherence to the guidelines is prohibiting carriers from doing what they need to do to disconnect codes. He indicated that it becomes very difficult when service providers complain to NANPA about the way they handle things which is in accordance with the guidelines. Mr. Manning remarked that if the guidelines need to be modified, the service providers should go to INC. He further remarked that that is an issue that can easily be resolved, but steps are not being taken to do that. He advised that NANPA will address those concerns as best they can. NANPA is encountering service providers listed with ported TNs on NPAC report no longer in business, or that have been taken over through acquisition. Some companies are sending their Part 1s to the wrong code administrator rather than via the instructions in the letter – causing delays in processing.

Natalie Billingsley, NASUCA, questioned how long NANPA holds on to the disconnected codes before they are returned to the pool of assignable. Mr. Manning stated that it is a standard interval of 66 days. Karen Mulberry, WorldCom, questioned whether service providers that do not have ported TNs and are serving in an area are given a chance to take over the code. She further questioned whether it is only offered to carriers that have had ported TNs from that NXX. Mr. Manning responded that it is only offered to the carriers that have ported TNs in that particular NXX. Chairman Atkinson

questioned whether anything should be done about NANPA's concern regarding inaccurate accusations being made by service providers on NANPA's handling of disconnected codes. Mr. Manning stated that the NANPA had just received the complaint, in writing, and has not had the opportunity to do a full investigation. He remarked that some of the recommendations made may be very positive. Mr. Manning emphasized that NANPA needs to understand whether or not they are doing something wrong, and if so, NANPA needs to own up to it and correct its performance. He further emphasized that if NANPA is not doing anything wrong, then the record needs to be set straight and hopefully avoid other similar situations occurring in terms of complaints.

NRUF Update – August 1, 2002 Reporting Cycle. Mr. Manning reminded the NANC, as reported at the May 2002 NANC meeting, that a new field for the NRUF Form 502 is under consideration by the FCC. This field is called the Federal Registration Number or FRN. On May 30, 2002, the Commission distributed notice that the FRN would not be included on the NRUF until the February submission.

Mr. Manning stated that, per the FCC numbering Resources Optimization Order (NRO Order), FCC 00-104, carriers must submit an updated Form 502 on or before August 1, 2002. Utilization data should be as of June 30, 2002. Forecast data is a four and a half year forecast for the August submission. Year 1 on all forecast forms refers to resources needed for the remainder of 2002.

C. Update on Selection of Next NANPA. Sanford Williams, DFO, reported that in June 2002, the FCC issued a Requirements Document requesting comments from the public on the document to select the next NANPA. He advised that the comment due date was July 2, 2002. The reply due date was July 9, 2002. Mr. Williams indicated that the FCC is currently reviewing the record, and the Requirements Document will be used in the bid package for the upcoming NANPA procurement.

D. NANP Expansion/Numbering Optimization IMG (NENO). Rose Travers, USTA, provided the report to the Council. Ms. Travers reported that, recently, the NENO had a two-day meeting in Washington that was hosted by WorldCom. She noted that they got up to draft 8 of the NENO Report. Ms. Travers advised that the draft that is currently on the NANC Chair web site includes the Executive Summary. Section 7.1 still requires a table. Ms. Travers stated that the templates of each of the optimization measures is approximately 90% complete. She indicated that NENO still has some input from NANPA on the impact analysis and NANP Exhaust estimate that will factor into the final NENO Report. The final NENO Report is scheduled for release in September 2002. It will include the full Templates. The future meeting dates for the NENO are: July 25, 2002 (Conference Call); August 20 and 21, 2002 (face-to-face). Chairman Atkinson encouraged the NANC members to review draft 8 of the NENO report that is currently on the NANC Chair web site, and contact the NENO IMG if there are any issues that need to be addressed.

E. NANPA Oversight Working Group (NOWG) Report. Rose Travers, USTA provided the report to the Council. Ms. Travers announced that Pat Caldwell will no

longer be the Chair of the NOWG. She remarked that no one has stepped forward to take his place. Chairman Atkinson expressed appreciation on behalf of the NANC to Pat Caldwell for all of his work on the NOWG. Ms. Travers advised that the NANPA has been carrying a lot of the work forward for the NOWG, as it is a small group and may be diminishing greatly in the near future. She stated that the NANPA prepared the 2001 NANPA Performance Improvement Plan (PIP), and the NOWG concurs with the plan for improving the items that could be improved. Chairman Atkinson questioned whether the NOWG was really involved with working on the PIP or whether it is becoming self-monitoring by the NANPA. Ms. Travers stated that the NOWG is really involved. She expressed concern that if there is no doubling of effort on the part of the industry to engage in NOWG activities, the NOWG may dwindle away on its own. Chairman Atkinson agreed. Ms. Travers reviewed the meeting schedule. She advised that the standing agenda is to continue with the PIP and work with the NANPA on the items that are outstanding.

Chairman Atkinson inquired as to what the FCC would like the NANC to do regarding the formation of a Pooling Administrator Oversight Working Group. Sanford Williams, DFO, reported that in June 2002, Chairman Atkinson has made an inquiry concerning what function a working group would serve for the Pooling Administrator. Mr. Williams advised that this issue is still under consideration. Lori Messing questioned whether a Contracting Officer has been appointed. Mr. Williams advised that Mark Oakey will be the Contracting Officer.

After extensive discussion on whether or not to form a Pooling Administrator Oversight Working Group, consensus was reached that there should only be one numbering oversight working group for both the NANPA and the PA. Chairman Atkinson advised that the NANC will not be able to define the charter for the group until receiving further direction from the FCC. He asked the NANC members to think about being a member of the new oversight working group. Chairman Atkinson again thanked Pat Caldwell for his dedication over the years as Chair of the NOWG.

F. Industry Numbering Committee (INC) Report. David Bench, INC Moderator, presented the report to the Council. Mr. Bench reviewed the INC meetings schedule. He provided a document (INC Issue Summary) that lists the issues the INC has worked on and the status of those issues. Mr. Bench reported that there were no real conclusions from last meeting. Beth O'Donnell, NCTA, questioned whether the NANC was going to be notified when the NANP Expansion Reference Document has been completed. Mr. Bench stated that if the INC makes final closure within the next two weeks, the NANC will be notified, and a cover letter will be sent to the federal regulators. He further stated that he will send an e-mail to Chairman Atkinson and Ms. Blue indicating the location of the document on the web site. Ms. Blue agreed to forward this information to the NANC members.

Extensive discussion was held on what issues are going to be discussed at the September NANC meeting with regard to the NANP Expansion Reference Document. These issues include: (1) summarizing the actual plan, (2) why certain plans were rejected (not

adopted), and (3) what happens to the Reference Document. Chairman Atkinson questioned whether the Reference Document covers the NANP Expansion proposals that were rejected/not adopted by the INC. Mr. Bench responded yes.

Consensus was reached that the Reference Document will be made available for review before the September NANC meeting. NANC members will review the Reference Document and send questions to the INC Administrator at inc@atis.org. At the September NANC meeting, the INC will: (1) have experts available to answer questions from NANC members with respect to the NANP Expansion Reference Document; (2) present a power point slide that lists all of the rejected/not adopted proposals with a brief explanation that can be used for further discussion.

G. Local Number Portability Report (LNPA). Gary Sacra, Co-Chair, presented the report to the Council. Mr. Sacra advised that NPAC Release 3.1 was developed to address the interface performance issues that were experienced in the Northeast Region. He noted that Release 3.1 is working as designed and has been successfully loaded into all seven Regional NPACs. Mr. Sacra stated that from an operational standpoint, Release 3.1 relieved a significant amount of the issues that operations groups were experiencing with Release 3.0. There have been some database issues. These problems do not appear to be related to the 3.1 application. They appear to be related to some corruption issues with the database. NeuStar is working with the database vendor to identify the root cause of those issues. Patches have been and are being developed to address those issues. Mr. Sacra stated that the LNPA is continuing to identify problem areas. Service Provider testing is currently underway to identify issues and individual Service Provider thresholds related to the recovery process. NeuStar will begin working with Service Providers who more frequently appear on the "Partial Fail" list. The LNPA is considering formation of a sub-team to identify root causes of system performance and availability issues and requirements for any future software changes. Mr. Sacra reported that the NPAC Release 3.2 package contains Change Orders that were culled from the current approved pool and comprise those that have higher priorities for the industry. They include improvements to the data recovery process, edits to prevent the input of erroneous porting data, and the ability to change NXX code ownership in NPAC without taking customers out of service. Release 3.2 is scheduled to be delivered for Service Provider testing on March 4, 2003, and ready for the start of production in May 2003. At the July LNPA, open issues and questions regarding the 3.2 Change Order requirements were resolved. The LNPA will begin work on the 3.2 Methods and Procedures and test cases at the August meeting.

Mr. Sacra reported that one of the key Change Orders in Release 3.2, NANC 323, will enable NPAC to change NXX code ownership without first deleting active ported records, which is currently a service-affecting process. In order to deploy NANC 323 functionality, all service providers' local systems (SOA and LSMS) must also implement new software. Service Providers were asked at the July LNPA to come prepared at the August meeting to discuss their planned readiness dates. If any Service Provider is not going to be in attendance, they should provide the information to Charles Ryburn, Co-Chair, LNPA, prior to the August meeting. Mr. Sacra reviewed the PIM Report with the Council.

Change Management Administration (CMA): The draft letter from Chairman Atkinson to Dorothy Attwood regarding NPAC Change Management Administration was approved by the NANC members for Chairman Atkinson's signature and distribution.

Wireless Number Portability Operations (WNPO Report to the NANC). James Grasser, Co-Chair, presented the report to the Council. Mr. Grasser reported that the WNPO met on Monday, July 8, and Tuesday, July 9, 2002. He stated that a contribution from NENA was discussed. The purpose of the contribution was to ensure that wireline to wireless ports were clearly identified during inter-carrier communications so that data bases used by emergency services are updated properly. Discussion of this contribution will continue at the August meeting. The WNPO reviewed contribution for reporting and tracking troubles related to porting numbers and their resolutions. Several suggestions were offered for modifications to one of the forms. These modifications will be reviewed at the August meeting. The WNPO received a status report on the guidelines that the WNPO established for the migration of telephone numbers assigned to Type 1 trunks. These guidelines were forwarded to the LNPA WG, and Transfer of Ownership and an issue for modification of the Number Pooling Guidelines has been sent to the INC. The addition of three more groups of NPAs to the Wireless Code Opening Schedule developed by the WNPO was reviewed. These last three groups of NPAs will not be involved in pooling on November 24, 2002, but will need to be opened for porting.

The wireless reseller flows and narratives were reviewed. Both flows and narratives were revised and sent to both WNPO and LNPA WG. The WNPO is expected to finalize the flows and narratives in August, and the LNPA WG is expected to begin to work to incorporate the flows into the wireline flows. NeuStar provided an update on Release 3.1. A total of 31 wireless service providers have signed NDAs/Applications with NeuStar. A total of 10 wireless service providers/service bureaus have notified NeuStar of a desire to perform New Entrant testing – 5 wireless service providers and 1 service bureau have completed testing, 1 service bureau has begun testing, 1 Service Provider is scheduled to begin shortly, and two service providers have not yet scheduled their testing. Mr. Grasser reported that there are currently 10 wireless service providers and two wireline Service Providers who have provided dates as to when they will be ready to begin inter-carrier testing in 32 MSA/CMSAs, however, there are only 18 MSA/CMSAs where two or more service providers have provided dates. Inter-carrier testing cannot occur in those MSA/CMSAs where only one Service Provider desires to test. Inter-carrier testing involving 4 wireless Service Providers and one wireline Service Provider is scheduled to begin on July 15 in the Las Vegas MSA. At the July 9 test coordination meeting, Service Providers established several additional locations and dates for inter-carrier testing.

Chairman Atkinson inquired as to whether there is a problem with inter-carrier testing since there is not much testing going on. He questioned whether there is less testing going on than was expected, less testing going on that is necessary, or if everything is fine. Mr. Grasser stated that this is the testing in which Service Providers have identified the dates that they will be ready to participate. Chairman Atkinson questioned if all of

this testing leads to having pooling by wireless carriers on November 24, 2002. He inquired as to whether the NANC members could say that there is absolutely not going to be a problem or if there are any NANC members who think that we are looking at a problem. Ms. Mickiewicz stated NANUC has been told informally that the big carriers expect to be ready on November 24, 2002. They are concerned that the smaller wireless carriers will not be ready, and that this will pose a dilemma for the larger carriers because they all have inter-carrier agreements. Ms. Mickiewicz stated that the carriers put the following question to her: should we delay or should we just limp along for a while with gaps, with poor coverage, or poor results? Mr. Grasser stated that the message is that the carriers expect to meet the November 24, 2002 date. He indicated that any potential problems that may occur have been outlined thoroughly in the risk assessment report. Chairman Atkinson questioned who will know and how will it be known if a particular carrier has missed their deadline. Barry Bishop, NeuStar, stated that NeuStar will not assign any resources to wireless companies that are not participating in the pooling areas. He noted that they will continue operations, etc, but if they needed additional numbers, they will run into a roadblock.

Wireless Number Portability Subcommittee (WNPSC) Pooling Task Force Report. Anna Miller, Co-Chair, presented the report to the Council. Ms. Miller reported that the WNPSC met in July and had a final review of the Wireless Transition Plan to Thousands-Block Pooling. Included in the tasks associated with the transition plan are: MBI Grandfathering has to be completed by August 19, 2002; the wireless carriers should mark their pooled NPA NXXs as portable in the NPAC and the LERG per the Appendix B staggered schedule in the Wireless Transition Plan; and Telcordia is still accepting requests to do mass updates in the LERG for 100 or more records. Ms. Miller stated that regarding pooling establishment milestones: August 1, 2002 the NRUF due date, all wireless carriers should file as non-pooling carriers, and the Semi-annual Forecast to Pooling Administrator (PA) for all Native Block Pooling (NBP) NPAs is due. August 14 is the deadline for SPID profile creation in the NPAC, due date for Donation Report i.e., all blocks must be protected and the due date for Forecast Report for all non-NPB NPAs with Pool Start Dates prior to 11/24/02. The PA will notify the FCC if a carrier misses this deadline. By November 1 all carriers should have completed Intra-Service Providers ports of contaminated numbers, and all carriers should have completed block donations. On November 24 Thousands Block Pooling starts in 172 NPAs. Ms. Miller reported that on Thousands Block Pooling Code Applications, an agreement was reached with the PA to allow Thousands Block Pooling applications to be filed beginning November 4, with an effective date of December 2. With regard to Pooling Administration System (PAS) Overview the PA provided an overview of each section of the user Guide and answered all questions that the participants had. Wireless carriers can begin using the PAS system to submit their pooling establishment Forecast Reports by August 14. With regard to Native Block Pooling Participation: 17 carriers participated in 78 NPAs from both the catch up schedule and the national roll out schedule. Native Block Pooling First Implementation Meetings and Pool Start Dates are complete.

Ms. Miller reviewed the following action items: (1) The Pooling Task Force issued a notification regarding the Critical Milestone due date of August 14 for Forecast Reports

and referencing the Wireless Transition Plan. CTIA and NeuStar agreed to provide a special message on their web sites. NeuStar also agreed to issue a press release, subject to FCC approval; (2) NeuStar will verify whether a carrier can modify the thousands block records any time after activation, irrespective of who originated the activation (the PA or carrier); (3) NeuStar agreed to provide mass updates of LRNs for a fee; (4) To manage work load, NeuStar encourages carriers to coordinate Intra-Service Provider ports per the large port notification (over 500 ports) process; and (5) A conference call will be conducted on September 10 to review the PA Assessment Report and give a status report by NPA/rate center of the total number of carriers who did and did not submit their Forecast Reports by August 14.

CTIA Statement: Vendor Readiness Survey Results. Lori Messing, CTIA, reviewed CTIA's statement with the Council. Ms. Messing stated that CTIA volunteered to work with the WNPO to get a better sense of where the industry stands with respect to vendor readiness for porting and pooling. She remarked that she had hoped to share the analysis with the NANC, but because of antitrust regulations, is not able to release the data. Ms. Messing gave the following explanation of CTIA's statement: If a trade association or a third party accumulates data for release to an industry, there needs to be at least 5 submissions. She advised that she had not received 5 submissions. Therefore, she did not meet the first criteria. The second criteria (assuming that 5 separate submissions have been received) is that no one submission can count for more than 25% of the actual data pooled. Because the first criteria was not met, the second criteria was also not met. Therefore, the data can not be released to the NANC at this time.

Ms. Mickiewicz questioned how many carriers were polled, and what questions were they asked. Ms. Messing advised that this particular data assessment was looking at the critical network elements necessary for number pooling and number porting. It was an opportunity for the Service Providers to share progress or problems associated with the critical element outlined by the WNPO. She stated that the survey was sent to CTIA's entire membership base as well as the WNPO and WNPSC membership base.

H. North American Portability Management (NAPM), LLC Report. Pamela Connell provided the report to the Council. Ms. Connell reported that NPAC Release 3.1 rollout has been completed successfully in all regions. Operational improvements have been reported in all regions. The NAPM LLC has approved Statement of Work 35 for the NPAC Release 3.2 set of Change Orders. Delivery for testing is expected in March 2003. The NAPM LLC has approved Statement of Work 34 for updates and enhancement to Service Provider systems interfacing with the NPAC. The NAPM LLC has approved NeuStar's relocation of the Chicago NPAC Data Center to Charlotte, North Carolina, the associated move of the Chicago Help Desk operations to Sterling, Virginia, and the associated change of the Sterling NPACs to the primary systems with the Charlotte NPACs as the backup systems.

I. NBANC Report. John Ricker provided the report to the Council. Mr. Ricker reported that NBANC received FCC approval on the contribution factor for year five on June 27, 2002. The contribution factor remains 0.000043 of end-user billed revenues.

Mr. Ricker stated that the FCC also approved NBANC's waiver request to reduce the minimum number of face-to-face board meetings from four to two each year. He reported that the balance for the end of Year 4 is \$9 Million. Mr. Ricker stated that \$11.1 Million in contributions was received for Year 4. He advised that NBANC is continuing to pursue \$57 Thousand that is outstanding. Mr. Ricker reported that \$8.2 Million was paid out: \$5.13 Million to NeuStar for NANPA and CO Code Administration and \$2.7 Million to NeuStar for Thousands-Block Pooling. NBANC was paid \$289 Thousand out of the fund for its expenses. Mr. Ricker reported that \$6.4 Thousand was paid for NBANC Board expenses, \$28.9 Thousand NBANC audit constituted, and \$41.9 Thousand was paid to Mitre for consulting. He advised that the following outstanding Year 4 expenses have been carried over to Year 5: \$1.2 Million in additional Thousands-Block Pooling expenses, \$350 Thousand for NANPA audits, and \$200 Thousand for COCUS replacement. Mr. Ricker advised that NBANC is aware that there was an NRUF bill sent to the FCC at the end of May for approval for approximately \$442 Thousand. He noted that NBANC has not yet received the bill and that it is still being evaluated.

Mr. Ricker stated that the bills have been sent out for Year 5. He advised that NBANC anticipates contributions to the fund of \$10.4 Million over the course of Year 5. NBANC had anticipated expenditures, including the year for carryover items of \$11.3 Million. The anticipated balance of \$9 Million will be reduced to approximately \$8.2 Million. Mr. Ricker reported that a contingency of approximately \$2.6 Million is still being carried on items that were raised by NeuStar back in July 2000 that have not been resolved, in addition to the contingency that NeuStar carries for the unforeseen expenditures of \$1 Million. He stated that these contingencies would reduce the balance down to approximately \$4.5 Million which is exactly what NBANC included in its recommendation to the FCC. Ms. O'Donnell questioned whether NBANC anticipates any audit expenses in the near future. Mr. Ricker indicated that NBANC is aware of the fact that the FCC has contracted with a couple of firms to audit carriers.

J. E-Conferencing Subcommittee. Beth O'Donnell stated that she is waiting for a response from the FCC on whether Federal Advisory Council Meetings can be conducted via electronic meetings only. Chairman Atkinson asked the NANC members whether it is worth it to pursue electronic meetings. Ms. Mulberry stated that based on the discussion at the May NANC meeting and the issues raised regarding FACA Requirements and the need to have the bridge size such that the public could participate, it would be very difficult to establish electronic meetings. She commented that it might be desirable but not feasible for the NANC at this time. Chairman Atkinson stated that the NANC could possibly have some electronic interim meetings between the bimonthly NANC meetings.

K. NANC Intermediate Numbering /Soft Dial Tone (IN/SDT) IMG. Deborah Bell, SBC, provided the report to the Council. The NANC members had been asked at the May meeting to bring in numbers illustrating the impact on intermediate numbers due to different application of the numerator and denominator in the utilization threshold calculation. She advised that there was additional interest, and some numbers came forth. Ms. Bell stated that Mr. Manning introduced a calculation that NANPA had made from

the NRUF in regards to how many numbers were being reported. The NANC agreed to have an IMG examine these issues.

Ms. Bell reported that several conference calls have been held. She indicated that additional considerations surfaced as a result of open discussion among participants. Ms. Bell stated that more concerns were raised than were anticipated, and to be sure that the IN/SDT IMG was discharging their duties, respectively, they are still working on a recommendation. The next conference call is scheduled for August 6, 2002. Ms. Bell indicated that at the September NANC meeting, the IN/SDT will report on the intermediate numbers. They are looking at a template to present that report back to the NANC. It will include: (1) an introduction describing goals; (2) FCC definitions – excerpts from order; (3) samples of current industry interpretations; (4) examples of impact from interpretations; (5) conclusions; and (6) recommendations. Ms. Bell stated that the second part of their discharge is Soft Dial Tone issues. She indicated that there is a little confusion in the IN/SDT IMG on what to do with Soft Dial Tone, and that there is a need for additional clarification on exactly where they are going. Ms. O'Donnell commented that she sees the issue being the same. She explained that Intermediate numbers affect your ability to get numbers you need for your own use. Ms. O'Donnell further explained that Soft Dial Tone numbers do the same thing. They affect your ability to get numbers that you need for customers who want to have service. She stated that the problem is the same in the end. Ms. O'Donnell stated that it is the FCC rule, not any given rule in any given state that is the problem. It is about the utilization threshold and the months-to-exhaust forms. Chairman Atkinson tasked the IN/SDT IMG to give the NANC a report at the September NANC meeting on whether it is a NANC issue or a state-by-state issue. He recommended that at the September NANC meeting, the NANC should come to a conclusion that either the NANC will recommend something to the FCC that they are going to have to fix with the states or make it clear that they are preempting the states in some fashion.

L. Presentation by National Thousands-Block Pooling Administrator (PA). Barry Bishop, NeuStar, provided the report to the Council. Mr. Bishop gave an update on the national rollout. He reported that since implementation of the national rollout began on January 4, 2002, there have been 42 First Implementation Meetings (FIMs) for 52 NPAs (63 NPAs including overlays and splits in permissive dialing). The FIMs for the 3rd Quarter of the rollout schedule began June 18 and will be completed on August 8, 2002. The 4th Quarter rollout is expected to be posted on the web site by August 5, 2002. Mr. Bishop stated that per the FCC 2nd Report and Order, beginning June 30, 2002, all central office block growth requests must meet the 65% utilization level or the state-required utilization level. The PAS has been updated to reflect this change. On June 6, NeuStar sent a notice to all pooling wireline and wireless SPs regarding deadlines for forecasts and donations. Forecasts for Wireline Pooling Carriers per the Thousands Block Pooling Guidelines must be submitted through PAS by August 1, 2002. Native Block Pooling (NBP) Participants submit semi-annual forecasts for Native Block NPAs through PAS by August 1, 2002. For all wireless carriers that are not participating in Native Block Pooling, forecasts for each NPA are due to the PA through PAS by August 14, 2002. The start of the forecast will be the Pool Start date of 11/24/02

Mr. Bishop noted that the block donation identification date is August 14, 2002. This is the date that the block donation identification information will be submitted through PAS with a donation date of 11/24/02. The blocks will not be reassigned until 11/24/02 or later, as needed. If the information from your donations changes prior to the Block Donation Date of 11/01/02, notify the Pooling Administrator as soon as possible, but no later than 11/01/02.

Mr. Bishop stated that 200 Customer PAS surveys were sent out by email to users of the PAS on May 15 asking them to share their opinions about their recent interaction with Number Pool Administration. There were 35 responses to the surveys. Chairman Atkinson questioned whether the survey is a contractual requirement. Mr. Bishop responded no. It is just to ensure that NeuStar is providing the best service possible. He reviewed the Native block Pooling statistics from January 8 through June 25, 2002. Total blocks donated to pools: 3395; contaminated donations: 944; blocks assigned: 37; contaminated blocks assigned: 7; blocks in the pool today: 3358; and contaminated blocks in the pool today: 937.

Mr. Bishop reported on Change Orders. Four new Change Orders filed with the FCC on July 1, 2002: Change Order #12 – changes to the TBPAG; Change Order #13 – Modification to User Profile Application Appendix 5; Change Order #14 – Modify Part 3 Form in TBPAG; Change Order #15 – Update MTE in COCAG. Outstanding Change Orders: Change Order #6 CO NXX Issue #295 – change to Selection Process of Code Holder; Change Order #7 – PAS Security; Change Order #8 – CT UNP Trial; Change Order #10 – LNPA Issue #319 – “Intra-SP Porting for Rate Center Telephone Number Administration”; Change Order #11 – CO/NXX Issue #195 – “Final Jeopardy Procedures”.

Mr. Bishop advised that pursuant to the Requirements Document, monthly reports are submitted to the FCC by the 15th of each month. Thousands Block Pooling Report: June 2002 (5/1 thru 5/31) – 781 block applications approved; 123 denied; 6 suspended. July 2002 (6/1 thru 6/30) – 960 block applications approved; 158 denied; 119 pending; 40 suspended. System Performance Report: June (5/1 thru 5/31) – System percent availability: 100%, July (6/1 thru 6/30) – System percent availability: 99.96%. Forecasts and Donations Report: NeuStar has received a request from the FCC to furnish a report providing the names of Service Providers not submitting Forecast and/or Donation forms. The first report has been completed and was sent to the FCC on June 17. The state specific information was provided to each State Commission on June 20. Mr. Bishop stated that as this is an ongoing report. Service Providers that have a reason they are not submitting the forms should send an email to the Pooling Administrator indicating the reason. Also, if a Service Provider does not have forecast requirements or donations for the pool, they should fill out the forecast and/or donation form and enter zeros.

Mr. Bishop addressed a question that Ms. Mickiewicz had posed during the report of the WNPSC which was whether or not you can get CO Codes at the same time that you are

getting blocks. He stated that the issue is being addressed at the INC. It is INC Issue 347. Mr. Bishop stated that the New York Commission will make a contribution on this issue at the next INC meeting. He advised that if somebody ordered CO Codes today, they could order Codes up until 11/24/02. On 11/23/02, they could order CO Codes and then on 11/24/02 could order blocks and receive their CO Code after pooling started. Ms. Mickiewicz inquired as to what the status of the discussion is at the INC. Mr. Bench advised that the issue is in initial closure.

Mr. Manning advised that the issue was originated by the NANPA. This issue for the NANPA was: When NANPA received an application for a CO Code, and the pool start date was occurring at a time of processing that Code, whether the NANPA should process the Code and give the applicant the Code, or whether they should deny the Code. He stated that the NANPA went to the INC for clarification on whether to go by the date that the application was received, the date that it was processed, etc. Mr. Manning pointed out that the real issue is: Why would you want to go ahead and continue to assign Codes when an applicant is able to get blocks. They would be able to get the block quicker than you will be able to get the Code. The issue that is being raised before the INC is whether or not they want to look at some type of timeframe prior to an NPA being pooled, as a cutoff date for which the NANPA will process the CO Code application. After that cutoff date, the carrier will have to wait until pooling starts to get a block. They will not lose any time based upon the time intervals involved with getting that Code or a block activated.

Mr. Manning advised that the answer right now to the Initial Closure Resolution is that it is based upon the date that the application is submitted. He explained that if an application is submitted today and pooling starts tomorrow, the Initial Closure Resolution would have the NANPA assigning the Code, but then telling the PA and the Service Provider to turn around and donate back the blocks that you do not need.

M. Approval of Minutes. Minutes of the May 21-22, 2002 NANC meeting were approved.

N. Public Participation: None

O. Discussion on NANC Administrative Matters: Chairman Atkinson advised that, unless it is obvious that the NANC has a long meeting scheduled, future NANC meetings will begin at 9:00 AM. He further advised that the NANC will continue to carry the second day on the Agenda, although it is very unlikely that the meeting will go into the second day.

Next Meeting: September 24-25, 2002

July 17, 2002
NANC Meeting

Action Items and Decisions Reached:

1. Industry Numbering Committee (INC) Report

Action Item:

NANC members should read the NANP Expansion Reference Document in advance of the September NANC meeting. The Alliance for Telecommunications Industry Solutions will notify NANC members once the document is in Final Closure and posted to the ATIS/INC website. Questions with respect to the NANP Expansion Reference Document should be sent to inc@atis.org.

Action Item:

INC will provide a summary review of those NANP Expansion plans that were rejected by the INC, and the reasons for the rejection.

2. NANPA Oversight Working Group (NOWG)

Action Item:

NOWG will report on its day-to-day activities to the NANC, and provide its progress on working with NANPA on the Process Improvement Plan (PIP).

3. Wireless Number Portability Subcommittee Task Force

Action Item:

The WNPO/WNPSC will provide NANC members with a summary of the Pooling Administration Assessment Report after their September 10, 2002, conference call.