

**North American Numbering Council
Meeting Minutes
March 12-13, 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:

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| 1. Robert Atkinson | Columbia University |
| 2. Teresa Gaugler | ALTS |
| 3. Ed Gould | AT&T |
| 4. Wendy Potts | Bell Canada |
| 5. Randy Sanders | BellSouth |
| 6. Michael Altschul | CTIA |
| 7. Maureen Flood | CompTel |
| 8. Hon. Jo Anne Sanford | NARUC |
| 9. Gregory Pattenaude | NARUC |
| 10. Hon. Jack Goldberg | NARUC |
| 11. Helen Mickiewicz | NARUC |
| 12. Jody O'Marra | NARUC |
| 13. Dan Kearney | NARUC |
| 14. Natalie Billingsley | NASUCA |
| 15. Philip McClelland | NASUCA |
| 16. Beth O'Donnell | NCTA |
| 17. James B. Goldstein | Nextel |
| 18. David Bench | Nortel Networks |
| 19. C. Courtney Jackson | OUR |
| 20. Deborah Bell | SBC Communications, Inc. |
| 21. Hoke Knox | Sprint |
| 22. Gerry Rosenblatt | TIA |
| 23. Rose Travers | USTA |
| 24. Chuck Eppert | Verizon |
| 25. Anna Miller | VoiceStream |
| 26. Peter Guggina | WorldCom |

Special Members (Non-voting):

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| John Manning | NANPA |
| Jean-Paul Emard | ATIS |

Commission Employees:

Cheryl Callahan, Designated Federal Officer (DFO)
Sanford Williams, Alternate DFO
Deborah Blue, Special Assistant to the DFO
Diane Harmon, Acting Chief, Network Services Division
Patrick Forster, Policy Division, Wireless Telecommunications Bureau

III. Estimate of Public Attendance. Approximately 35 members of the public attended the meeting as observers.

IV. Documents Introduced.

- (1) Agenda
- (2) January 15-16, 2002 NANC Meeting Minutes
- (3) NANPA Report to the NANC
- (4) NANPA Oversight Working Group Status Report to the NANC
- (5) NANPA Performance Review Surveys Received
- (6) INC Report to the NANC
- (7) INC Recommended Plan for Expanding the Capacity of the NANP
- (8) ATIS/INC Response to NANC Action Item
- (9) NANP Expansion/Numbering Optimization IMG
- (10) NANPA Fund Performance Status Report & Funds Projection
- (11) LNPA Working Group Status Report to the NANC
- (12) Wireless Number Portability Operations Status Report to the NANC
- (13) Wireless Number Portability Subcommittee Pooling Task Force Report
- (14) North American Portability Management (NAPM), LLC January 2001 Report to the NANC

V. Summary of the Meeting.

Announcements and Recent News. Chairman Atkinson noted that the July NANC meeting dates have been changed from July 16-17 to July 17-18, 2002. He advised that he will not be available to chair the May meeting, and Chuck Eppert has been selected to serve as Co-Chairman. Mr. Eppert, however, will be retiring from Verizon at the end of the month, but he will be available to will chair the May meeting. Chairman Atkinson further announced that under the FCC reorganization, Cheryl Callahan will be moving to a new position as an Assistant Division Chief in the Telecommunications Access Policy Division (TAPD). Ms. Callahan advised that although the entire numbering team will be moving to the TAPD, Council members should not notice a change in the way that they relate to the FCC staff. She further advised that there may be a new DFO in place by the May meeting, and she will continue to have some involvement with the NANC. Ms. Callahan emphasized the need for organizations to officially notify the FCC of any membership changes to the NANC so that the necessary adjustments can be made, and an updated directory can be provided to the Council members.

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

Central Office Code Assignment Activity Report. Mr. Manning reported that from January 2000 through January 2002, there have been significant decreases in the quantity of codes assigned and significant increases in the quantity of codes being returned. He stated that the total assignments for 2001 were 10,398 codes. By comparison, there were 15,410 codes assigned in 2000, which is a drop of approximately 5000 codes. The quantity of returns increased nearly 2,400 codes in 2001. The net assignments for 2001 were 4,300 codes, compared with nearly 11,500 codes in 2000, which is a difference of 7,200 codes. Mr. Manning noted that in comparing the quantity of assignments in the month of January, there is a significant decline in demand (1,276 in 2000, 959 in 2001 and 491 in 2002). In January 2002, the net assignment rate was negative (i.e., more codes were returned than assigned).

Utilization Calculation for Growth Code Resources. Mr. Manning reported that the utilization calculation of growth code resources was addressed in the 1st NRO Order and subsequently addressed in the 2nd and 3rd NRO Orders. He indicated there has been some confusion within the industry on the interpretation of what needs to be included in this calculation. Mr. Manning specified that there was concern that the proposed utilization calculation being developed in the INC, and included on the Part 1 Code Request Months-to-Exhaust Worksheet (MTE), was not consistent with the NRO Orders. The issue centered on the exclusion of intermediate number in the denominator of the calculation. Mr. Manning reported that NANPA sought clarification from the FCC concerning the utilization formula as described in the NRO Orders. He indicated that the question was whether or not intermediate numbers needed to be included in the denominator of the utilization calculation. According to correspondence received from Cheryl Callahan, DFO, Mr. Manning advised that the ultimate resolution was that intermediate numbers needed to be included in the denominator of the calculation, and service providers can also include intermediate numbers that can be verified as assigned to an end-user in the numerator. He advised that the INC has modified the utilization calculation to be in accordance with the NRO Orders. Mr. Manning noted that the utilization calculation indicates that the numerator should consist of "Assigned Numbers" and the denominator should consist of the "Total Numbering Resources in Applicant's Inventory." He stated that the issue in INC remained in initial closure.

Helen Mickiewicz, NARUC, questioned the discrepancy of the FCC 2nd Report and Order and the NRUF Form 502 regarding the treatment of intermediate numbers in the utilization calculation. Mr. Manning explained that the utilization calculation on the NRUF Form 502, is different from the utilization calculation on the Months-to-Exhaust form. On the NRUF Form 502 intermediate carriers (carriers that receive numbers from another carrier) are required to report their NRUF and utilization on the numbers that have been given to them by another carrier. In order to avoid a double counting of numbers, the carrier that has provided the numbers to another carrier lists those in a category called intermediate numbers but does not include them in the utilization

calculation because they have been given to another service provider. The other service provider now reports on them in their NRUF. Therefore, there is no double counting of the same numbers. On the utilization calculation with regards to Months-to-Exhaust, it is a different calculation when it comes to intermediate numbers. The intermediate numbers are to be included in the denominator of this equation per the FCC's Order. They can also be included in the numerator, assuming that the carrier who has provided those numbers to another carrier can verify that those numbers are assigned. Mr. Manning advised that there are two different ways of calculating utilization, but the NRUF is based upon who is reporting and the result. He specified that this was to clarify what needs to appear on the Months-to-Exhaust.

Ms. Mickiewicz suggested that a Petition for Clarification be filed with the FCC regarding the utilization calculation. Peter Guggina, Worldcom, questioned whether the utilization calculation is clear in the INC Guidelines. Mr. Manning stated that NANPA is in the process of updating its web site and will be sending notification to the industry to reference clarification in some language specific to how intermediate numbers are to be treated in this calculation. Dave Bench, Nortel Networks, stated there was no real change in the calculation in the INC Guidelines. Ms. Mickiewicz, questioned whether the INC Guidelines, without the changes, are consistent with Ms. Callahan's correspondence and whether the Guidelines will be clear on how the rule should be applied. Mr. Bench stated that the Guidelines support the correspondence that was sent between Mr. Manning and Ms. Callahan. He explained that in the past, the INC had attempted to make the MTE and the NRUF calculations the same for uniformity. The INC decided not to make those changes because they are two separate and distinct calculations.

After extensive discussion, Chairman Atkinson questioned whether the NANC needs to begin a process to find a resolution regarding utilization calculation. Chuck Eppert, Verizon, recommended that before the May meeting, Council members should quantify the effect of this issue. He stated that it may help the NANC and the Commission to really evaluate just how important the issue is. Mr. Guggina agreed with Mr. Eppert's suggestion. Chairman Atkinson inquired as to how the idea could be put into action. Mr. Eppert suggested that carriers around the table select a metropolitan area and do the MTE calculation with the quantity of numbers that have been assigned to resellers in the denominator and also the same calculation without the number in the denominator, and compare the results. Chairman Atkinson suggested that carriers who have a concern should bring some facts and information to the May NANC meeting. He stated that the carriers should do the simple calculation.

NANP Resource Status Update. Mr. Manning advised that NANPA will be publishing the 2001 NANP Annual Report at the end of March. He reported that during 2001, only three FG B CICs were assigned while over 60 codes were returned. The trend continues to be very few assignments in FG B CICs. Mr. Manning reported that in FG D CICs there was a reduction in the number of assignments. In the year 2000, there were approximately 300 assigned, and in 2001 there were approximately 236 assigned. The average monthly assignment rate decreased from 25 codes per month in 2000 to 19 codes per month in 2001. The number of FG D CICs returned in 2000 was 126 and over 200 in

2001. Mr. Manning reported that at the current assignment rate, the supply of FG D CICs will last for the next 30 years.

500 NPA. Mr. Manning reported that in 2001, there were 522 NXX assignments. He noted that in November of 2000, NANPA reported to the INC that the 500 resource could potentially exhaust as early as February 2002, based upon current assignment rates. Mr. Manning stated that in 2001, NANPA implemented a requirement that carriers file their NRUF for both 500 and 900 resources. He noted that it was helpful to NANPA in terms of reclaiming unused resources. In 2001, 127 500 NXX were assigned. Over 170 500 NXXs were reclaimed or returned. At the end 2001, there were 479 codes assigned, which is over 40 codes less than the quantity assigned at the beginning of the year. Mr. Manning advised that the 500 resource is projected to exhaust in 2005.

900 NPA. Mr. Manning reported that NANPA was able to follow up with a number of carriers and was successful in getting 84 900 NXX codes returned. He advised that at the end of 2001, there were 228 900 NXX codes assigned.

555 Line Numbers. Mr. Manning reported that 555 line numbers remain popular. In 2001, over 770 555 line numbers were assigned. At the end of the year, 7,285 555 line numbers were assigned for national use, 288 were non-national, 116 remained “in dispute”, and 100 were reserved. NANPA continues to receive a number of requests for 555 line numbers.

NPA 456 (International Inbound Service), 800-855, Vertical Service Codes and Automatic Number Identification (ANI) II Digits and N11 Codes. Mr. Manning reported that the NPA 456 is for the International Inbound, 800-855 is for hearing impaired services, Vertical Service Codes are customer-dialed codes in the *XX or *2XX dialing format for touch-tone and the 11XX or 112XX dialing format for rotary phones. They are used to provide customer access to features and services provided by network service providers such as local exchange carriers, interexchange carriers or commercial mobile radio service providers. He advised that there were no assignments of these resources in 2001.

NRUF and NPA Exhaust Projections. Mr. Manning reported that February 1, 2002 was the due date for carriers to submit their Form 502. From mid-January through March 6, 2002, NANPA processed nearly 5,000 submissions. These include new submissions, revised submissions that provide corrections to errors identified during processing, and updates to previously submitted information. He advised that per the NRO Order, NANPA is to provide a copy of the carrier-specific data to state commissions with appropriate confidentiality protections in place. NANPA will make this information available to the states on or about March 15, 2002. Mr. Manning stated that NANPA is targeting the May NANC meeting for the release of the new NPA exhaust projections. Assuming that a national pooling rollout schedule will have been finalized and made available, NANPA will incorporate the pooling rollout into the NPA exhaust projections. He advised that if this schedule is not available, NANPA will only be able to include the

impact of pooling in those NPAs where a mandatory pooling implementation date is known.

NANPA Newsletter. Mr. Manning reported that NANPA has eliminated the print version of its newsletter. It will be sent directly to the Council members' e-mail box. In order to have the NANPA Newsletter delivered electronically, go to the NANPA home page under Frequently Visited Pages, and click on Electronic Mailing List Signup. The newsletter will also continue to be available in a PDF format on the NANPA web site.

B. NANPA Oversight Working Group (NOWG) Report. Pat Caldwell, Chair, presented the report to the Council. Mr. Caldwell reported that the NOWG has received 164 NANPA Performance Review Surveys. There were 135 from service providers, 25 from regulators, and 4 were from others. Mr. Caldwell commented that the tremendous response rate is due in large part to NANPA. He stated that NANPA cooperated with the NOWG and did not send out their internal surveys during the time the NANC surveys were distributed, and NANPA also used its DDS system to send out reminders. Mr. Caldwell advised that the NOWG estimates that there has been more than 50+ person-days (pd) assembling survey information, sorting comments into a single document, sorting the ratings into a single document, scanning, distributions, etc. There were seven NOWG participants in the Concord Performance Review in person and three that participated by conference bridge (41 pd). In Denver, an entire week was spent doing an analysis. There were six participants in person and one by conference bridge (30 pd). Mr. Caldwell reported that NANPA spent a good deal of time preparing and presenting presentations, responding to questions and sending out reminders to complete and return the survey. He stated that some entities provided more than one survey, and they discussed several ways to deal with the issue. It was decided that all comments would be considered. Mr. Caldwell reviewed the NOWG meeting schedule.

At this point Chairman Atkinson left the meeting for an appointment with the FCC Chairman, and Chuck Eppert, Co-Chairman, presided over the meeting.

C. Industry Numbering Committee (INC) Report. David Bench, INC Moderator, presented the report to the Council.

INC Recommended Plan for Expanding the Capacity of the NANP. Mr. Bench stated that this report was developed at the INC meeting held in November 2001 and released in December 2001. He reported that the INC has developed three documents on the NANP expansion: (1) Interim NANP Expansion Report (INC 99-0127-023, December 1999); (2) Recommended Plan for Expanding the Capacity of the NANP (INC 02-0107-029, December 2001); and NANP Expansion Reference Document (still in Draft status). Mr. Bench noted that in this report, the key assumptions are: (1) uniform 10-digit dialing be implemented prior to expansion of the NANP; (2) the existing "D" Digit not be released prior to expansion; and (3) existing prefixes (e.g., 0, 1, 011, 101-XXXX) will remain prior to and after expansion. He stated that the proposed expansion plan adds two digits to the existing 10-digit NANP. It adds a fourth digit to an area code, and it adds a new first digit to the CO Code. Ultimately, these will be any number from 0 through 9. The

new F Digit (sixth digit of the expanded plan) takes on the values of 2 through 9 to allow a future expansion effort if and when needed. The plan is twelve digits. There are three different options that can be adopted for moving to the twelve digit plan: (1) Transition Method 1 – both digits implemented simultaneously (INC recommends this approach); (2) Transition Method 2 – phased approach with NPA implemented first; and (3) Transition Method 3 – phased approach with CO Code implementation first. The reference document showing an analysis of all of the plans that INC has reviewed and discussed will be available by the end of the 2nd quarter. Once the reference document is completed, the NANPE Workshop's major piece of work will be complete. Mr. Bench reported that the INC has received two letters from two of the Caribbean countries endorsing the plan and agreeing with the INC recommendation of going to twelve digits and implementing both digits simultaneously.

Natalie Billingsley, NASUCA, questioned what would happen if some subset of the countries that use the NANP decide that they do not want to go with the plan. Mr. Bench responded that INC would have to look at what comes in and the reasoning. He stated that any country can decide to go as part of international dialing and come out of the plan. He further stated that there are countries that are asking to come into the plan. Mr. Bench advised that if that were the case, they would have to do international standards and receive their own country codes. Karen Mulberry, Worldcom, opined that once INC has completed its technical analysis, any further discussion is more policy rather than technical and should be discussed at the NANC meeting. Mr. Bench agreed. Rose Travers, USTA, stated that the INC report is a technical analysis that is like a snapshot and is good for now. She further stated that the NANP is not expected to exhaust for approximately another 25 years. Ms. Travers advised that as the date approaches, the INC report will be revisited, possibly tweaked, and very definitely worked out among all of the regulators and all of the nations that are going to be impacted by the change. She stated that it is the best shot from an engineering perspective as to principally what would work if additional digits would have to be deployed in the near term. Ms. Mulberry opined that the letters that have been received to date are more reflective of a technical analysis, and each country should consider the policy implications, especially the United States. Mr. Bench agreed. Philip McClelland, NASUCA, suggested that once the reference document is available, it may be appropriate to have some discussion at the NANC meeting concerning some of the other options. Co-Chairman Eppert questioned when the reference document will be available. Mr. Bench stated that the reference document will be taken to initial closure at INC 63 (April 2002) and final closure at INC 64 (June 2002). Co-Chairman Eppert advised that the item will be put on the agenda for the July NANC meeting. Courtney Jackson, OUR, inquired whether any suggestions can be submitted to INC in relation to the final report. Mr. Bench responded yes.

INC Report to the NANC. Mr. Bench reviewed the INC meetings schedule. He reported that the CO/NXX Workshop accepted the NANC directions on Issue 331. Mr. Bench noted that INC changed “undeclare” to “rescind” jeopardy and ensured that both state regulators and the industry are notified should NANPA rescind jeopardy. He reported that Issue 331 was closed at the March 2002 INC meeting. Mr. Bench read the language in Section 9.3.3 of the CO Code Assignment Guidelines that went to the resolution of

Issue 331: Should the supply and/or forecasted demand of codes no longer justify jeopardy, NANPA will rescind jeopardy. NANPA will notify the appropriate regulatory authorities and the industry that any jeopardy procedures, including code rationing, no longer apply. In this notification, NANPA will provide the number of codes available in the NPA in a new projected NPA exhaust state.

Alliance for Telecommunications Industry Solutions (ATIS)/INC Response to NANC Action Item. Megan Campbell, General Counsel, ATIS, provided response to the following January 15, 2002 NANC Action Item: INC to brief NANC during March meeting on INC processes for identifying “policy” issues and obtaining NANC guidance on such issues and include references to relevant INC web sites. Ms. Campbell indicated that at the June 2001 NANC meeting, ATIS provided a presentation on ATIS and INC and discussed the relationship between the INC and the NANC. She expressed hope that the examples presented today will provide more clarity for everyone. Ms. Campbell stated that the process is basically three premises: (1) the INC addresses technical and operation aspects of numbering issues through the development of Industry Numbering Guidelines; (2) the INC provides a report of key activities to the NANC in order to assist the Council in its duty to oversee “matters relating to numbering administration, including the development of industry guidelines”; and (3) the INC defers issues of policy to the NANC for determination and has a history of seeking NANC/FCC guidance when a policy issue relates to the development of technical guidelines. Ms. Campbell noted some recent examples of the INC deferring issues of policy to the NANC: (1) The INC audit workshop (September 1999 report to the NANC) - the INC went as far as it could with the technical aspects and came to the NANC for issues that still needed to be addressed regarding policy; (2) Guyana requested to do a presentation before the INC regarding its membership in the NANPA (September 2000) - the INC informed Guyana that it was not an appropriate role for the INC and brought the issue to the NANC’s attention; and (3) The 555 Reclamation Process (May 2001) – the INC sought information from the NANC as to who is the appropriate authority that should direct the NANPA to reclaim 555 line number assignments. Ms. Campbell pointed out that in the past, the INC has consistently come back to the FCC and the NANC with requests for clarification. She reviewed the relevant INC web sites with the Council.

Ms. Mulberry questioned what criteria is used by the INC when determining whether something is policy and needs to go to the NANC versus whether something is not policy and should remain with the INC. Ms. Campbell stated that the INC is run by a consensus process, and all decisions are made on that basis. Ms. Mickiewicz stated that many issues are not clearly separable as either policy or technical. Ms. Campbell stated that the INC is looking into more creative ways to getting more information out.

After further extensive discussion regarding more effective ways of keeping the NANC informed regarding INC decisions, ATIS agreed to facilitate an exploder list to NANC members that will provide current issues regarding numbering and related issues in INC.

D. Presentation by National Thousands-Block Pooling Administrator (PA).

Barry Bishop, NeuStar, reported the rollout schedules have been going forward across the

states. He advised that NeuStar has been doing Native Block Pooling rollout first implementation meetings for those who want to participate in Native Block Pooling. Mr. Bishop further advised that a meeting was held several weeks ago for seventeen new NPAs. He reported that there has been eight Change Orders sent out to the Council Members and submitted to the FCC. Mr. Bishop stated that NeuStar received a complaint on how rollouts are being done on the national pooling implementation. He indicated that the complaint related to whether or not carriers are pooling outside of the top 100 MSAs within an NPA. Mr. Bishop advised that the issue is being addressed and has been referred to the FCC. He stated the INC has expressed an interest in knowing what the costs are on Change Orders before it makes decisions on items being addressed before the INC. Mr. Bishop explained that NeuStar will not provide the costs to the INC. He indicated that the INC is supposed to be looking at the issues and not the costs. The costs are appropriately addressed at the NANC. The NANC can make recommendations to the FCC. The FCC has the final decision on whether or not to accept the Change Orders.

Co-Chairman Eppert questioned when the FCC will be issuing the subsequent schedules for rollout. Ms. Callahan advised that the second quarter should be out relatively soon and that the FCC will continue to review the comments that are received and work on getting the final quarters released in the not too distant future. Mr. Altschul questioned what the Pooling Administrators' plans are to include the new MSAs in the rollout plan. Mr. Bishop advised that the plan is to follow the direction of the FCC. Mr. Altschul questioned when a proposal adding these new markets is expected. Ms. Callahan advised that the FCC is working on the issue and that something from the Commission is expected relatively soon. Ms. Bell questioned the process regarding Change Orders. Mr. Bishop and Mr. Bench responded by explaining the process. Extensive discussion takes place regarding Change Orders. Chairman Atkinson advised the NANC members to watch their e-mails for Change Orders.

E. NANP Expansion/Numbering Optimization (NENO) IMG. Rose Travers, USTA, provided the report to the Council. Ms. Travers reported that the NENO met on February 28, 2002 and completed an impact assessment of Rate Center Consolidation. She stated that the NENO IMG found that rate center consolidation only generated five additional years in the life of the NANP. Ms. Travers noted that the IMG began putting together a report framework. She reviewed future meeting dates with the Council.

F. NBANC Report. John Ricker, NBANC presented the report to the Council. Mr. Ricker reported that as of March 6, 2002, the current fund balance is \$8.72 Million. He advised that there are projected receivables of \$2.02 Million, \$1.97 Million of which is from U.S. carriers, the other \$50 Thousand is from Canada and Caribbean countries. The projected interest income is approximately \$50 Thousand which should provide funds available for the balance of the funding year of \$10.79 Million. To date, NANPA has been paid \$3.37 Million – remaining payment of \$1.76 Million for funding year. Payment for Thousands Block Pooling \$1.82 Million – remaining \$2.09 Million for funding year. \$350 Thousand set aside for audits. No payments have been made on the audits, however, copies of purchase orders have been received from the FCC. The FCC

has contracted with KPMG and Arthur Anderson to perform the first four audits. The total for the four audits is \$167 Thousand plus travel. \$203 Thousand is listed as a payable for the COCUS Replacement. To date, NBANC has been paid \$180 Thousand with \$100 Thousand remaining. The NBANC audit has been completed. To date, the Board of Director expenses have been \$5 Thousand with \$20 Thousand remaining. Payments to Mitre Corp. - \$493 Thousand. NBANC anticipates paying \$4.53 Million before the end of the year with a remaining balance of \$6.26 Million plus a contingency of \$1 Million. Still outstanding - pending request from calendar year 2000 for the NANPA. NBANC will provide a report of their annual filing at the May NANC meeting. Chairman Atkinson emphasized that the Council members review the report. Mr. Ricker discussed vacancies on the Board of Directors and vacancies from the consumer segment at NBANC.

G. Local Number Portability Administration (LNPA) Working Group Report. Gary Sacra, Co-Chair, presented the report to the Council. Mr. Sacra reported that NPAC 3.1 was successfully loaded in the Northeast Region on February 18, 2002. The 3.1 application is performing as designed. There have not been any reported instances of SOA notifications backing up and cueing up an NPAC. There have not been any reports from service providers of any delays in the receipt of their critical SOA notifications. Mr. Sacra reviewed the current planned rollout schedule for Release 3.1. The LNPA is continuing discussion of possible longer term approaches to address performance issues impacting the porting process. A number of potential NPAC Change Orders designed to improve NPAC, local system, and interface performance and availability are being reviewed for possible inclusion in the next NPAC software release. Mr. Sacra reviewed the PIM Report with the Council.

Wireless Number Portability Operations (WNPO) Status Report to the NANC. James Grasser, Co-Chair, presented the report to the Council. Mr. Grasser reported that the WNPO met on Monday March 4, and Tuesday, March 5, 2002. He clarified that, based on FCC 01-362, wireline and wireless service providers have up to six months after receipt of a bona fide request to make their switches LNP compliant outside of the top 100 MSAs. There was discussion on ways to publicize the Decision/Recommendation matrix. Mr. Grasser indicated that this will be included in a presentation at the upcoming CTIA Critical Issues Forum in May 2002. The NAPM LLC and NeuStar have agreed to set long business hours of 3:00 AM to 11:00 PM to accommodate Inter-Carrier testing for wireless service providers. They will be reset for normal hours just prior to implementation. There was discussion on a contribution regarding apparent delays by wireless service providers in updating their number portability data bases from their LSMSs. This will be added to the Decision/Recommendation Matrix with references to specific documents. There was discussion on the Implementation Guideline/Timeline: the actual timeline was not changed; the narrative was updated to identify a missed date to the NANC.

Council members reviewed the following jeopardy statement in Revision 3 of the WNPP Implementation Guideline: Jeopardy – As evidenced by the timeline, vendor supplied hardware and software for these critical network elements was to be available to service

providers by the beginning of March 2002. The core network vendors have not yet provided fully tested, functional, and generally available solutions for switches and/or HLR/VLRs. Since this has not occurred, testing cannot begin and this places the successful and timely implementation of pooling and porting in jeopardy status. The WNPO has deemed it necessary to identify and escalate this as an issue to the NANC. In order to meet the November 24, 2002 date for pooling and porting, this issue must be addressed immediately.

Mr. Grasser stated that the WNPO felt that it was their responsibility to notify the NANC of the missed date. Chairman Atkinson inquired as to the seriousness of the jeopardy. He questioned whether pooling and porting are in jeopardy. Mr. Grasser responded yes. Ms. Callahan questioned whether the problems that the carriers are experiencing now relate to one specific vendor or all vendors. Mr. Grasser responded somewhere in between one and all. Ms. Callahan further questioned whether there is any updated information on the vendors that have provided the functionality to the carriers to meet the interim timeline. Mr. Grasser stated that there are probably one or more vendors that have provided production ready updates, and there are service providers that do not have the ability to move forward and get into testing because they are not getting production ready updates. Chairman Atkinson questioned whether there is anything else that the NANC should do. He indicated that the NANC, as an advisory committee to the FCC, can advise the FCC that one of its Orders is in danger of being violated. Ms. Mulberry recommended that carriers that do have problems should approach the FCC directly. She stated that there is not sufficient knowledge for the NANC to say anything other than that there are some issues, and there may be jeopardy or there may not because the quantities are unknown. Ms. Mickiewicz stated that the problem is that the NANC does not have any enforcement ability. She further stated that it is in the domain of the FCC, and the NANC's responsibility is only to apprise the FCC of the problem.

After extensive discussion on the jeopardy situation, consensus was reached that Chairman Atkinson will draft a letter to Dorothy Attwood, referencing his November 20, 2001 letter, indicating that there is now a substantial likelihood that at least some carriers will miss the November 24, 2002 deadline for wireless number pooling and portability. Ms. Callahan stated that in order to get meaningful feedback from the Bureau, it would be helpful to get more specific information on the nature of the jeopardy, as well as recommend any actions that the Bureau should take. Chairman Atkinson stated that Mr. Grasser's earlier attempts to get information were unsuccessful. He questioned whether it was worth the effort. Mr. Grasser responded no. Mr. Altschul agreed. Ms. Callahan stated that, to her knowledge, the FCC has not received any warning from specific carriers that they are having difficulty meeting the timeline nor that the vendors are not providing the products that are needed in a timely manner so that testing can be done. She emphasized that it is hard for the FCC to do something in response to this information with the general statement that there could be a problem without carriers reporting to the FCC that they are having difficulty meeting the timeline. Chairman Atkinson stated that from the discussion around the table, it seems that some carriers will not have a problem, others will, and the FCC will have to sort that out. Natalie Billingsley, NASUCA, wanted clarification as to whether Mr. Altschul and Mr. Grasser

were advising that they were not going to comply with the Action Item from the January meeting stating: “WNPO and CTIA will keep NANC informed of the ability and readiness of service providers, including the capabilities of equipment and software suppliers, to comply with the November 24, 2002 mandate for wireless local number pooling and portability”. Mr. Altschul responded that WNPO and CTIA made an effort to comply with the Action Item but were unsuccessful because none of the carriers would advise which vendors are not providing the products to meet the deadline. Mr. Grasser stated that vendors were also unwilling to talk.

Mr. Grasser stated that the next meeting of the WNPO will be held in Kansas City, MO on April 8 and 9, 2002.

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 finalized the Native Block Pooling (NBP) Procedures. She stated that NBP allows Service Providers to voluntarily start the pooling establishment process. WNPSC will be conducting NBP from March 2002 through July 2002. Ms. Miller stated that once a Service Provider opts to do NBP in an NPA, it cannot opt out, i.e., the Service Provider must follow the procedures and obtain resources from the Pooling Administrator by thousands blocks for that NPA. The Native Block Pooling Catch Up Schedule has been completed. The Catch Up Schedule consists of six First Implementation Meetings (FIMs) for blocks of 12 to 17 NPAs. The FIMs are being conducted every three weeks starting March 1, 2002. Donation and Forecast Reports are due 3 weeks after the FIM. Service Providers may opt to do NBP in NPAs in the national rollout schedule. Service Providers may do NBP subsequent to the FIM by negotiation with the Pooling Administrator. Ms. Miller reported on Native Block Pooling Participation by carriers. There were approximately 50 participants on the NBP First Block FIM. As of March 8, 2002, for the NBP Block 1 Catch Up NPAs, 10 Service Providers have opted in to NBP in those NPAs. The final draft of the Wireless Transition Plan to Thousands Block Pooling has been completed. The transition will occur from August through November. Donation and Forecast Reports for all NPAs with pool start dates prior to November 24, 2002 are due to the Pooling Administrator by August 14, 2002. Ms. Miller reviewed the WNPSC Action Items and meeting schedule with the Council. A copy of the Native Block Pooling Procedures will be mailed to each Council member.

H. NAPM LLC Report. Rick Theiss, Co-Chair, presented the report to the Council. Mr. Theiss reported that NPAC Release 3.1 has been implemented in the Northeast Region as planned and is currently up and operating. He noted that Release 3.1 has demonstrated operating performance improvements over the current Northeast Release 3.0 software load. Mr. Theiss reported that the group testing between the carriers for all Regions has been completed successfully. Individual carrier testing is ongoing and on schedule. There have been some incidents within the Northeast Region since Release 3.1 implementation, including several failovers from the Chicago primary NPAC to the Sterling back up. However, at this time it appears that these have not resulted from the Release 3.1 software. NAPM is closely monitoring NeuStar’s ongoing efforts to isolate

and resolve any problems and will take action as appropriate and if necessary. Mr. Theiss reviewed the remaining implementation schedule with the Council.

I. E-Conference Subcommittee (ECS) Report to the NANC. Chairman Atkinson reported that the ECS discussed, with various vendors and suppliers, the basic requirements that an e-meeting facility would require. He reported that the ECS will have vendors do some demonstrations in a mock type meeting before any further initiatives are taken to move forward. Chairman Atkinson indicated that Council members will participate in order to get their reactions as to whether it could be workable. He advised that there are some FCC Rules and Regulations problems that may turn out to be insurmountable. Chairman Atkinson questioned whether the NANC should continue to move forward with attempting to use e-conferencing. Ms. Callahan stated that as a Federal Advisory Committee, the NANC will have to be cognizant of the need to have the meetings in the context that allows public participation. She indicated that e-meetings, deny some people access. Ms. Callahan stated that there are some security issues that prevent chat style communications from meetings hosted by the FCC. Chairman Atkinson stated that he will have Beth O'Donnell arrange some demonstrations.

I. Approval of Minutes. Minutes of the January 15-16, 2002 NANC meeting were approved with minor edits.

Public Participation. None

Action Items and Decisions Reached:

1. North American Numbering Plan Administration (NANPA) Report

NANPA will report on the use of intermediate numbers by resellers.

Carriers who participate on the NANC will conduct an arithmetic analysis using the Months-to-Exhaust (MTE) calculations following two methods: one calculation will **include** the intermediate numbers in the numerator and denominator, and the second calculation will **exclude** the intermediate numbers from the numerator and denominator. The calculations should be done for a few (i.e., 2-5) major MSAs. The purpose of the exercise is to determine whether the differing methods produce significantly different results.

Note: NANPA's Newsletter is available from their web site www.nanpa.com as an email subscription.

2. Presentation by the NANPA Oversight Working Group

NANPA Oversight Working Group will provide a list of Survey respondents by March 15, 2002, to all NANC members. This is to enable the industry

associations who participate at the NANC to report the percentage of their members who responded to the annual NANPA survey.

The NANC Chairman will award a prize to the association with the best NANPA Performance Survey response rate.

3. Industry Numbering Committee (INC) Report

The Alliance for Telecommunications Industry Solutions (ATIS) will facilitate an email “exploder” list to NANC members and other interested federal and state regulators. The exploder will provide links to the INC web site or other sites that deal with current issues so that NANC members, if they wish, will be able to obtain detailed information about numbering and related issues in INC.

4. Wireless Number Portability Operations (WNPO) Working Group

WNPO will distribute the Native Block Pooling Procedures to the NANC before the May NANC meeting.

WNPO Subcommittee to provide regular status report on Native Block Pooling, including impact on November 24, 2002 pooling and porting deadline, with as much detail as possible.

WPNO and CTIA will keep NANC informed of the ability and readiness of service providers, including the capabilities of equipment and software suppliers, to comply with the November 24, 2002 mandate for wireless local number pooling and portability.

NANC Chair Bob Atkinson will draft a letter to the Common Carrier Bureau regarding the porting and pooling deadline for wireless. This letter will note the WNPO report on vendor readiness status. It will be distributed to NANC members for review and feedback by COB March 15, 2002.

5. NBANC

Both ALTS and NASUCA will seek candidates for NBANC Board from competitive local exchange carriers and consumers.