

**North American Numbering Council
Meeting Minutes
July 15, 2003 (Final)**

I. Time and Place of Meeting. The North American Numbering Council held a meeting commencing at 9:00 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. Doug Birdwise	Bell Canada
4. Michael Altschul	CTIA
5. Jody O'Marra	NARUC
6. Christine Sealock Kelly	NARUC
7. Hon. Loretta Lynch	NARUC
8. Hon. Elliott Smith	NARUC
9. Joel Cheskis	NASUCA
10. Beth O'Donnell	NCTA
11. Christopher Bowe	Nextel
12. David Bench	Nortel Networks
13. John McHugh	OPASTCO
14. C. Courtney Jackson	OUR
15. Mark Welch	SBC Communications, Inc.
16. Hoke Knox	Sprint
17. Anna Miller	T-Mobile USA, Inc.
18. Thomas Soroka, Jr.	USTA
19. Michael O'Connor	Verizon
20. Karen Mulberry	WorldCom/MCI
21. Dawn Howland	XO Communications

Special Members (Non-voting):

John Manning	NANPA
Jean-Paul Emard	ATIS
Amy Putnam	PA

Commission Employees:

Sanford Williams, Designated Federal Officer (DFO)
Pam Slipakoff, Alternate DFO
Jennifer Gorny, Alternate DFO
Deborah Blue, Special Assistant to the DFO

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

IV. Documents Introduced.

- (1) Agenda
- (2) NANPA Report to the NANC
- (3) Status of Area Code Relief Exhausting within 36 Months
- (4) National Thousands Block Number Pooling Services Report
- (5) Issue Management Group Report on Abbreviated Dialing for One Call Notification
- (6) Numbering Oversight Working Group (NOWG) Report
- (7) Numbering Oversight Working Group Pooling Administrator Change Order Tracking Report – July 2003
- (8) Letter dated June 27, 2003 from NOWG Co-Chairs to Sanford Williams and Mark Oakey, FCC, regarding Pooling Administration Proposal Change Order #20
- (9) LNPA Working Group Status Report to the NANC
- (10) Inter-Service Provider LNP Operations Flows
- (11) Wireless Number Portability Operations Status Report to the NANC
- (12) NANPA Fund Performance Status Report & Funds Projection
- (13) AT&T Wireless Paper Regarding Grandfathered NXXs
- (14) News Release regarding Statement of FCC Chairman Michael K. Powell Commending the North American Numbering Council

V. Summary of the Meeting.

A. Announcements and Recent News. Chairman Atkinson advised that the Reports of the Industry Numbering Committee (INC) (Item #7) and the Cost Recovery Working Group (Item #10) would be deleted from the Agenda.

Sanford Williams, Designated Federal Officer (DFO), announced that the NANPA contract was awarded to NeuStar as of July 9, 2003. He indicated that the five-year contract term runs from July 9, 2003 to July 8, 2008. Mr. Williams advised that the contract price is approximately \$5.7 Million, cumulatively, for five years.

Mr. Williams noted that there are currently 23 Change Orders. He advised that on July 14, 2003, the FCC Office of Managing Director (OMD) sent to NeuStar the FCC's decisions on all outstanding Change Orders except Change Orders #22-23, which were received recently. He advised that when the prices are settled, he would send that information to the NOWG.

Mr. Williams stated that on July 3, 2003, the Chief of the Wireless Telecommunications Bureau submitted a letter to CTIA and Verizon Wireless regarding Wireless LNP (DA 03-2190), and that on July 11, 2003, CTIA sent a response to the FCC.

Mr. Williams advised that on June 18, 2003, the Wireline Competition Bureau released the Numbering Resource Optimization (NRO) 4th Report and Order and Further Notice of Proposed Rulemaking (FNPRM) (Docket No. 99-200).

Mr. Williams reported that since the last NANC meeting on May 13, 2003, the FCC denied CTIA's Forbearance Petition. CTIA requested that the utilization threshold not be increased to 70%. The increase was effective as of June 30, 2003.

Mr. Williams reported that in June 2003, the FCC issued the Technical Requirements document for the NBANC procurement. He indicated that the FCC received one comment.

Chairman Atkinson stated that progress was made within the last couple of months regarding input he received from NANC members on issues they felt needed to be addressed. He encouraged NANC members to continue sending him their lists of concerns. Chairman Atkinson noted that it was a very helpful process and advised that he would continue to act on a neutral basis in funneling information to the FCC.

Mr. Williams announced that Diane Griffin, Assistant Chief of the Wireline Competition Bureau, gave birth to a son (Kevin, Jr.) on June 24, 2003.

B. Approval of Meeting Minutes. Chairman Atkinson stated that receipt and approval of the May 13, 2003 Minutes will be delayed because of various vacation schedules. He advised that the Minutes will be distributed for review by email as soon as possible, and formally adopted at the September 25, 2003 NANC meeting.

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

2003 NPA Exhaust Forecasts. Mr. Manning reported that on June 2, 2003, the NANPA released its NPA exhaust projections, and posted the forecasts to the NANPA website. Mr. Manning stated the methodology used to produce the 2003 NPA exhaust projections was similar to the previous methodology. He further stated that it was modified to account for the availability of pooling data that did not previously exist. Mr. Manning explained that both wireline and wireless service providers' block forecasts for area codes in pooling as of December 31, 2002 were available for projecting central office code demand. He stated that the NANPA did not use assumptions (e.g., the 30/40/50 assumption) to estimate the impact of pooling on CO demand.

Mr. Manning reported that there has been one change to the NPA exhaust projections since its publication (NPA 715). The change was due to the return of nearly 60 CO codes previously identified as unavailable for assignment.

Multiple LRNs. Mr. Manning reported that the NANPA has been contacted about two separate issues that may impact CO Code demand and NPA exhaust. He stated that at the May 13, 2003 NANC meeting, some decisions were made by the LNPA WG with regard

to the potential assignment of Multiple LRNs to Service Providers (SPs) with Points of Interconnection (POIs) and the Local Access and Transport Areas (LATAs) that have multiple tandems. Mr. Manning advised that the NANPA has been approached by a couple of state commissions that have expressed some interest in trying to quantify the impact of this particular issue on individual area code projections. He stated that if the NANC were to take up this item, NANPA recommends bringing together subject matter experts from the wireless and the wireline industries, state commissions, the NANPA, and the PA to discuss the technical issues, and how NANPA might be able to develop a set of assumptions to gauge the impact of this item on area code exhaust.

Chairman Atkinson stated that the proposal before the NANC is to establish an IMG. He inquired when a report or recommendation needed to be made. Christine Sealock Kelly, NARUC, New York, stated that this issue is of significant concern to New York. Ms. Kelly reported that Alltel submitted a guideline change to the INC in July 2003. She indicated that the INC proposed language would allow Multiple LRNs in a Multi-tandem per homing arrangement and not limit it to wireless carriers. She urged the NANC to support a working group to study this issue and proposed that the NANC ask the INC not to take action on this change until the NANPA is able to do a study because it could affect New York adversely.

David Bench, Nortel Networks, proposed that appointment of an IMG be postponed until the INC has had an opportunity to look at the issue and enumerate the technical issues that are associated with it. Loretta Lynch, NARUC, California, proposed that the NANC instruct the INC not to change anything until the INC looks at the technical issues and the NANPA looks at the effects on exhaust. Karen Mulberry, MCI, stated that it is a good idea for the NANC to proceed. She opined that there are some switching issues that need to be investigated in terms of Multiple Tandems. Ms. Mulberry further opined that there are some fundamental network issues that need to be debated and stated that discussion should occur at a NANC meeting. Mark Welch, SBC, commented that it is his understanding that there are switch vendors at the INC and that the NANPA participates at the INC. He stated that he would support having the industry work the issue in one place instead of two to make sure that the industry is providing the input that the NANPA needs in order for the NANPA to be able to determine where Multiple LRNs are needed.

Mr. Manning agreed with Mr. Welch that it is critical for the NANPA to understand the individual networks of the carriers involved. He pointed out that the NANPA would not know the network design and architecture that would drive a Service Provider to need multiple LRNs. Mr. Manning indicated that the NANPA is looking for a cross-industry group to participate in this to foster consensus. Anne Cummins, AT&T Wireless, stated that she would support this effort because it is very difficult to predict the volume of portability from wireless carriers. She explained that because AT&T is changing its platform to GSM, it is using the LRN architecture. Ms. Cummins indicated that understanding the impact on network congestion and LRN routing is one of the areas where AT&T has had a terrible problem. She indicated that in order to protect networks from congestion, more LRN routing is needed. Ms. Cummins pointed out that the NANPA has 66 days to do this.

Mr. Bench stated that the problem has not been identified at the INC. He explained that an LRN is a single 10-digit number. Mr. Bench expressed confusion as to why that would force the exhaust of an area code. He questioned why the NANC is confusing a single 10-digit number with an NPA-NXX. Anna Miller, T-Mobile USA, Inc., commented that the best approach is for the INC to deal with the technical issues and the NANC to focus on issues impacting number exhaust. She suggested that the information be put together in terms of cause and effect, and then the best path going forward should be determined. Mr. Welch agreed. He suggested that the NANC provide some guidance to the INC with specific time frames for a response back. Mr. Welch expressed concern that this analysis needs to be done with the input of the major incumbent carriers because they are the ones that have Multiple Tandems in a specific area.

Chairman Atkinson inquired as to a timeline. Mr. Manning advised that the NANPA has no specific deadline. He remarked that the NANPA is facing wireless number portability by November 2003. Mr. Manning stated that might be a driver in understanding what the impacts are prior to deployment. Dana Smith, INC Moderator, reminded the NANC members that the proposed issue from Alltel is based on a recommendation from the LNPA WG that was presented at the May 13, 2003 NANC Meeting. She indicated that the INC can move quickly on this issue. Ms. Smith further indicated that the issue could be presented, accepted, and put into initial closure at the July INC meeting. She advised that it would not go to final closure until the September INC meeting.

Chairman Atkinson proposed that the INC reviews all of the technical issues and then make some recommendations. He further proposed that the INC provide the results to the NANPA, that the NANPA does an impact exhaust analysis and brings the results to the NANC, and that the NANC reviews the impact on number exhaust at the September 25, 2003 NANC meeting.

Ms. Lynch agreed. She suggested that once the NANPA gets the technical information from the INC, a conference call be set up so that the NANC can be part of the discussion on what assumptions the NANPA will be using as they determine the effect on exhaust before the NANPA completes the report.

After extensive discussion it was decided that the INC will review the technical solutions as quickly as possible. The INC will make them available to the NANPA and let the NANC see the information. The NANPA will arrange for a conference call to review the technical solutions and get any other input from NANC members. The NANPA will do an analysis on number exhaust of these various alternatives and bring it to the September 25, 2003 NANC Meeting. The NANC will then provide any guidance that is necessary.

NRO 4th R&O. Mr. Manning stated that the other issue is the impact of the Fourth Number Resource Optimization Order (NRO 4) and the direction provided concerning the implementation of number pooling in top 100 MSA rate centers. He further stated that based upon NRO 4, some of those rate centers are no longer required to have mandatory pooling. As a result, there has been some interest expressed to the NANPA

about gauging the impact of this decision on area code exhaust. Mr. Manning stated that identification of the Rate Centers that would be impacted by NRO 4 would need to be made. He indicated that the PA is doing this. Mr. Manning pointed out that he raised this issue for the NANC's understanding and information. He advised that he will report back to the NANC as the NANPA moves forward on this effort.

Ms. Lynch wanted clarification that the NANPA is going to do an analysis of identifying any rate center that is impacted by the NRO 4th Report and Order and that the NANPA will raise it with individual states or bring it back to the NANC. Mr. Manning responded that the NANPA will raise it with individual states.

NPA Relief Planning Report. Mr. Manning reported that four NPAs are currently projected to exhaust within the next 12 months – 310 (California), 601 (Mississippi), 815 (Illinois), and 909 (California).

Mr. Manning stated that per the NPA Code Relief Planning and Notification Guidelines, Section 5.10, during the period of time after NANPA has filed an industry relief plan recommendation with a regulatory authority, but before the regulator has approved the plan, the NANPA may determine that the NPA will not exhaust in the next five years based on a non-rationed forecast. He advised that to be a candidate for petition withdrawal, three conditions must be met:

1. The forecasted exhaust of the NPA must be at least 5 years in the future,
2. There has been no action on the filed petition by the regulator, and
3. The NPA is not in jeopardy.

The NANPA will notify the industry and regulatory authorities when such a determination is made.

Mr. Manning indicated that based upon 2003 NPA exhaust projections, the NANPA identified nine NPAs that are candidates to have their NPA relief petitions withdrawn. They are 516 and 518 in New York, 336 in North Carolina, 570 in Pennsylvania, 615 in Tennessee, 803 and 843 in South Carolina, 856 in New Jersey, and 214, 469, 972 in Texas. The NANPA has notified the state commissions for these NPAs, advising them that these NPAs are candidates to have the petitions withdrawn. The NANPA will conduct a withdrawal meeting if requested in writing by either the responsible state commission, or by the industry. To date, the NANPA has not been contacted.

2003 NANP Exhaust Analysis. Mr. Manning reported that each year, the NANPA projects NANP exhaust upon the utilization and forecast data submitted by carriers via the NRUF process. He reviewed the list of assumptions prepared by the NANPA and used in the development of the 2003 NANP exhaust projection. Mr. Manning advised that with the impact of wireline and wireless pooling on NXX demand reflected in the individual NPA exhaust projections, the assumptions used in the 2002 study concerning CMRS code demand were eliminated.

Using an average CO Code demand rate of 7,000 codes assigned per year, the projected NANP exhaust date is 2035, assuming the 685 NPAs are available. Sensitivity analysis was conducted to understand the impact of average annual CO Code demand on the results. For comparison purposes, NANPA performed a sensitivity analysis using an annual CO Code demand of 8,700, which represented the gross demand as calculated from the June 2003 NPA Exhaust Analysis. The NANPA also performed an analysis with a demand of 4,400 codes per year. Mr. Manning reviewed the results of the sensitivity analysis with the Council.

Chairman Atkinson congratulated the NANC and the industry for averting the numbering crisis and continuing to do so.

Central Office Code (CO) Activity Report. Mr. Manning reported that the total number of assignments in 2003 to date were 1,904 codes. The net assignments were 940 codes. Mr. Manning noted that the NANPA is continuing to monitor the number of disconnects and returned codes.

Other NANP Administrative Issues. Mr. Manning stated that on June 2, 2003, the NANPA published a Planning Information Letter announcing that the paid toll-free NPA codes 880, 881 and 882 would be reclaimed effective April 1, 2004. Service providers should plan to withdraw paid toll-free services using these NPA codes in advance of that date. Upon return, NPA codes 880, 881, and 882 will be reserved for use as future toll-free codes.

Ms. Mulberry inquired whether the NANPA has received any feedback from any NANP countries regarding this decision. Mr. Manning responded that to date, NANPA has not received any feedback. Ms. Mulberry inquired as to whether major toll-free businesses in the U.S. are aware of this decision. She indicated that customers outside of the U.S. need to be instructed that there are going to be changes to their dialing patterns. Ms. Mulberry questioned whether NANPA is going to coordinate some NANP-wide discussion involving the large business community that uses toll-free numbers.

Courtney Jackson, OUR, stated there has been an exchange of emails concerning this issue. He indicated that there is a need for additional time to consider the impact on Caribbean countries. Mr. Jackson stated that it points to a wider problem concerning NANP-wide administration of toll-free numbers. He indicated that NANPA needs to have a wider perspective on the administration of this resource because the systems implemented in different Caribbean countries have no central coordination. Doug

Birdwise, Bell Canada, informed the Council that this issue was addressed several years ago at the INC. He indicated that Canadian carriers, along with carriers representing the Caribbean region, did agree to the reclamation of these codes after a period of time. Mr. Birdwise further indicated that Bell Canada would not object to the codes being reclaimed. He stated that if there are carriers that need extra time, Bell Canada would not object to providing a specified amount of extra time. Mr. Bench advised that this issue has been deferred a number of times.

After extensive discussion, it was decided that at the September 25 NANC meeting, Courtney Jackson, OUR, will report whether there is an operational problem that cannot be solved between September 2003 and April 1, 2004 regarding the impact of reclamation of paid toll free numbers on Caribbean carriers.

Mr. Manning reported that in June 2003, NANPA conducted four separate NRUF training sessions. There were over 200 participants. The sessions were a general review of how to complete Form 502. Mr. Manning reported that NANPA is working with the NOWG on its 2003 Performance Improvement Plan (PIP).

Mr. Manning stated that at the May 2003 NANC meeting, Sprint requested a list of grandfathered codes and all of the NPAs that are involved so that all service providers will be able to readily identify them. Post meeting discussions made clear that the grandfathered codes would be made publicly rather than provided to individual carriers. As a result, the NANPA requested direction from the NANC Chair, and it was decided to address this matter during the July 2003 NANC meeting. Mr. Knox indicated that Sprint would like to have a scrubbed list of grandfathered codes from all of the carriers by August 15, 2003. He requested that the list be posted to the NANPA web site by August 29, 2003.

Thomas Soroka, USTA, inquired whether there is a recent guideline or position from the INC on the feasibility of porting grandfathered codes. Dana Smith, INC Moderator, stated that there has been no further discussion at the INC regarding grandfathered codes because the INC has not met since the May 13, 2003 NANC meeting. Mr. Soroka questioned whether there is something that the NANC should ask the INC to consider. Michael O'Connor, Verizon, stated that Verizon has made a contribution to the INC regarding the porting of grandfathered codes. He pointed out that the issue with the pooling of grandfathered codes and the porting of grandfathered codes is the same. Mr. O'Connor emphasized that this is a very important issue, and it needs to be addressed quickly. Anne Cummins, AT&T Wireless, stated that AT&T feels that it is inappropriate for the INC to address this issue because it is a policy issue. Ms. Lynch stated that grandfathered codes is a critical issue and needs to be looked at either by the NANC or the INC. Michael Altschul, CTIA, advised that the best way of resolving the issue would be through petitions and waivers of the porting rules, which only the Commission has authority to address.

Chairman Atkinson stated that further discussion on Grandfathered CO Codes will be deferred until the end of the Agenda.

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

Amy Putnam, NeuStar, provided the report to the Council. Ms. Putnam stated that since the implementation of the national rollout began on January 4, 2002, there have been 101 First Implementation Meetings (FIMs) for 152 NPAs (including overlays and splits in permissive dialing). The FIMs for the 7th Quarter of the rollout schedule began on June 18. The last FIM will be held on July 30, 2003. A revised rollout schedule for the 7th Quarter reflecting MSA changes resulting from NRO 4 was posted to the website on June 25, 2003. There are 7 NPAs and 5 FIMs remaining in the national rollout schedule.

Ms. Putnam stated that the NRO 4 had a significant impact on existing rate centers because of the CMSA and MSA issue. She advised that on a going-forward basis, any NPAs that have not yet implemented pooling will be handled according to the provisions of the order. Changes to NPAs already implemented will be effective once the order is final.

Ms. Putnam reported that in May 2003, 2,985 applications were approved; 240 applications were denied; and 411 applications were suspended. For June 2003, 2,754 applications were approved; 306 applications were denied; and 229 applications were suspended. She reported that for the months of May 2003 and June 2003, the Pooling Administration System (PAS) availability has been at 100 percent.

Ms. Putnam reported that the modified Unassigned Number Porting (UNP) trial began in the Connecticut 203 and 860 NPAs on November 1, 2002. A report on the trial will be sent to the FCC by the Connecticut Department of Utility Control.

Ms. Putnam reported that the PA instituted a service for carriers called the PAS Tip of the Month. Each month the PA will send out a Tip of the Month via e-mail, providing helpful tips for carriers regarding pooling. Ms. Putnam stated that the PA is currently testing the submission of the forecast report in Excel format with Verizon.

E. Abbreviated Dialing for One Call Notification. Penn Pfautz, AT&T presented the report to the Council. Mr. Pfautz stated that the Pipeline Safety Improvement Act (Public Law 107-355) provides for the establishment of a 3-digit nationwide toll-free telephone number system to be used by State one-call notification systems. He indicated that based on discussion at the January 22, 2003 NANC meeting, the Abbreviated Dialing for One Call Notification IMG was formed to examine issues related to implementation of this mandate.

Mr. Pfautz advised that the IMG produced a set of assumptions:

- The 3-digit number selected will translate into the existing One Call numbers (not all of those numbers are toll-free numbers).
- On wireline originated calls, the Originating NPA/NXX will determine the One Call number into which the 3-digit code will be translated into a routable 10 digit

number. On wireless originations, calls will be routed to a One Call number based on the location of the originating cell site or Mobile Switching Center.

- The Implementation will be national in scope and uniformity.
- The dialing sequence for all Service Providers will be the same.

Mr. Pfautz stated that the IMG identified three alternatives that might meet the mandate: an N11 code; a geographic NPA (i.e., 344); or vertical service like code (e.g., #344, *344, 344#).

In considering the alternatives, the IMG:

- Rejected alternatives with * or # based on
 - wireline implementation difficulties
 - unsuitability for rotary telephones
 - other CPE issues such as interactions with private branch exchanges
- Recommend N11 over 344 because it
 - follows established abbreviated dialing convention
 - minimizes impact on customer dialing
 - consumes fewer numbering resources

Mr. Pfautz stated that the National Telecom Damage Prevention Council may still prefer 344.

- The IMG is still evaluating available N11 codes
 - 811 is the least used but NENA has concerns over usage for 911 testing and misdialing.
 - 611

Mr. Pfautz indicated that the IMG intends to provide a final report at the September 25, 2003 NANC meeting. He stated that if the FCC needs a final result sooner, an interim conference call will have to be scheduled.

Chairman Atkinson commented that the NANC is obligated to make a recommendation on September 25, regardless of whether or not the IMG is able to come to a conclusion. Mr. O'Connor suggested that the IMG could present a Pros and Cons options paper for consideration at the September 25th NANC meeting. Chairman Atkinson agreed.

Mr. Altschul remarked that the report indicates that this is to be a toll-free number, which means that there is no charge to the calling party. He questioned whether it is the expectation that the One Call Centers will reimburse carriers for completing these calls. Mr. Pfautz stated that there are efforts underway to see whether funds can be obtained to compensate carriers that do not get cost recovery. He indicated that he has no idea about the status of that effort, or whether it is likely to be successful.

Chairman Atkinson stated that he will continue an Action Assignment for the IMG to provide Pros and Cons of N11 and 344 solutions and cost recovery information at the September 25, 2003 NANC meeting.

F. Number Oversight Working Group (NOWG) Report.

NOWG/PA Meeting. Ms. Mulberry reported that the NOWG met with the PA's Regional Director of External Affairs, Shannon Collins, on June 17, 2003 to get a better understanding of what her role is and what opportunities the NOWG might have to work with the PA. She stated Ms. Collins provided the NOWG with good background and detail in terms of her responsibilities and how the NOWG might work with her. Ms. Mulberry commented that the NOWG has called upon Ms. Collins several times since the last May 13 NANC meeting and is very pleased with the quality and timeliness of NeuStar's responses to the NOWG's inquiries.

PA Change Order #19 Recommendation. Ms. Mulberry stated that this Change Order was submitted on May 14, 2003 and is associated with the submission of a Thousands Block Forecast Report using Microsoft Excel. She indicated that there is no cost identified for this Change Order. Ms. Mulberry further indicated that no NOWG review was required. She advised that the FCC approved Change Order #19 on May 15, 2003 based on a report by the NOWG.

PA Change Order #20 Recommendation. Ms. Mulberry stated that this Change Order was submitted on May 29, 2003 and is associated with changing non-pooled NXXs to pooled NXXs, and relates to INC LNPA Issues #387 and #414. She further stated that the NOWG worked with the PA to clarify several issues. The NOWG recommended that Change Order #20 be approved and forwarded its recommendation to the FCC on June 27, 2003.

Status of PA Change Orders #21, #22, #23. Ms. Mulberry reported that the NOWG recommended approval of Change Order #21 and sent a recommendation to the FCC on July 14, 2003. She stated that the NOWG is continuing to work with Ms. Collins on questions that it has on Change Orders #22 and #23. The NOWG is reviewing the LNPA-WG PIMs to get an understanding of whether the change actually meets what is proposed by the WG.

NANPA Performance Metrics. Ms. Mulberry advised that the NOWG meets with the NANPA on a monthly basis to review items on its standing agenda, to get a status of what the NANPA is doing and to help with any issues. She explained that the Metrics are the various steps in the NANPA's process that the NANPA measures. CO Code Administration has 25 Metrics - they have been met for 100% compliance. NRUF has 26 Metrics - they have been met for 100% compliance. NPA Relief Planning has 33 Metrics - they have been met for 100% compliance. Other NANP Resources has 21 Metrics - 20 have been met for 95% compliance. The NOWG believes that the missed 10-day assignment/denial time limit metric was due to understandable circumstances.

Ms. Mulberry stated that technically, it is 95% compliant, but opined that it should be considered 100% compliant.

Status of NANPA 2003 Process Improvement Plan (PIP). Ms. Mulberry advised that the NOWG has meetings with the NANPA to discuss their 2003 PIP. For the Code Administration System – detailed findings of the 2003 Survey will be available July 2003. Safety Valve Procedures have been posted to the NANPA web site. For CAS/LERG/NRUF Discrepancies – 31% discrepancy decrease in eleven months; a web listing of Homeless NXXs will be available soon for SP review. The NANPA has developed a written process for reserving NPA's. For the CAS Code Request Profile – the May 2003 Pooling Pass-Through Applications for NXX Assignments are at 241; the May 2003 External CAS submissions are at 636.

Ms. Mulberry reviewed the 2003 Meeting Schedule with the Council.

Chairman Atkinson verified that the NOWG should be doing a performance evaluation for the PA. Ms. Mulberry inquired as to the timing for the PA evaluation. Chairman Atkinson advised that the PA contract cycle starts in June. Mr. Williams stated that until NeuStar gets official notification from the FCC that they will be subjected to the Performance Review; the NOWG should start the planning phase and wait for further direction. Ms. Mulberry stated that the NOWG will work on a project plan and provide the NANC with a timeline and possibly a proposed survey that it would circulate.

G. Local Number Portability Report (LNPA). Gary Sacra, Verizon, presented the report to the Council. Mr. Sacra reported that NPAC Release 3.2 has been successfully loaded in all seven of the regional NPAC's. He indicated that all seven of the software loads went smoothly, and there have been no major issues with Release 3.2. Mr. Sacra explained 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. They include improvements to the data recovery process and edits to prevent the input of erroneous porting data.

Mr. Sacra explained that NANC Change Order 323, which allows the NPAC to change to the code ownership and to the new code owner without having to take the active ported records temporarily out of service. This is a functionality that is currently supported in NPAC Release 3.2. He advised that it requires additional local service provider systems software support. It also requires support of all service providers in a region.

Mr. Sacra stated that based on feedback from various service providers at the LNPA, the LNPA has determined that June 30, 2004 is the required industry date for support of this functionality. The LNPA requests that the telecom industry associations advise their membership of this date. Mr. Sacra requested that the association representatives at the NANC e-mail him the contacts for their associations, and he will develop an advisory statement for the representatives to issue to their membership. The LNPA has begun to develop the methods and procedures for implementing this functionality.

Chairman Atkinson made an Action Assignment that all association members of the NANC provide confirmation at the September 25, 2003 NANC meeting that the LNPA advisory has been sent to all of the association members (USTA, CompTel, CTIA, ALTS, OPASTCO, and NCTA).

Michael O'Connor suggested that the LLC be asked, under its delegated authority, to look at whether or not it has the ability to require carriers to support NANC Change Order 323. Mr. Sacra indicated that he would bring it up during his report at the LLC's meeting on July 16, 2003.

Mr. Sacra reported that the Architecture Planning Team (APT) is in the process of developing a wireline/wireless porting and pooling traffic model for use in database capacity sizing and interface throughput projections. The APT has also developed detailed requirements for several new NANC Change Orders designed to improve interface performance.

Mr. Sacra reviewed the Problem Identification and Management (PIM) report with the Council.

Mr. Sacra reported that the LNP Provisioning Flows have been revamped. He indicated that the major changes are the incorporation of flows for ports involving wireline/wireless resellers and Type 1 Cellular numbers. The modified flows have been approved in the LNPA and supercede all previous flows. Mr. Sacra advised that the LNPA sent a letter with attached flows to Chairman Atkinson recommending that the NANC approve the flows and submit them to the FCC. He further advised that the LNPA requests the NANC's permission to distribute the flows to other LNP-related industry groups once they are approved by the NANC.

Chairman Atkinson inquired as to the legal and regulatory status of the flows. Mr. Sacra explained that the original flows that were submitted in April 1997 by the NANC to the FCC were approved as the industry standard for LNP process flows. Chairman Atkinson questioned whether a Public Notice needed to be issued noting the changes to the flows since they are going to be a part of the FCC Rules. Mr. Williams responded that he was not familiar with the process, but was sure that the FCC would need to review the changes before making them a part of the FCC Rules. Mr. O'Connor stated that Section 52.26 of the FCC Rules point to the report that contains the original flows, and that Rule adopts those flows to be the correct flows. He opined that if there are changes to the flows, they would have to be adopted by the FCC to replace what is already in the Rules.

Chairman Atkinson inquired as to whether there is a timing deadline that the FCC has to adopt, reject, or modify the proposed changes to the flows. Mr. Sacra stated that there is concern that some Service Providers are using other means of porting by using flows that are not consistent with these particular flows. He advised that as soon as the FCC can adopt the changes as the industry standard, the industry can migrate to one universal means of porting. Chairman Atkinson questioned whether November 24, 2003 is in jeopardy. Mr. Sacra responded no.

After extensive discussion regarding the LNP Provisioning Flows, Chairman Atkinson stated that a complete version of the flows will be emailed to the Council members. He asked the Council members to review the flows and advise him by July 23, 2003 whether a conference is needed. Chairman Atkinson stated that if a conference call is not needed, he will circulate a draft transmittal letter to the Council members on July 23, 2003. If there are no objections by July 25, 2003, he will finalize the transmittal letter and send it to the FCC.

Wireless Number Portability Operations (WNPO) Report to the NANC. Sean Hawkins, AT&T Wireless, presented the report to the Council. Mr. Hawkins made the following announcements: Due to changes in his position, he has been asked to step down as Co-Chair of the WNPO. Nominations are currently being accepted for the position. Joe Charles, Cingular, has resigned as Wireless Testing Subcommittee (WTSC) Co-Chair after completing one year of service. Mr. Charles was replaced by Susan Sill, AT&T Wireless. Gary Eads, US Cellular, has resigned as WTSC Co-Chair, and nominations are currently being accepted for the position.

Mr. Hawkins stated that the WTSC was requested to consider the potential for organizing a Performance Test in order to determine whether the NPAC, SMS, SOA, etc., will be able to support the load when wireless number portability is implemented. He advised that performance testing is still under consideration while the WTSC looks for resources that may be available to plan and perform this testing.

Mr. Hawkins stated that carriers will discontinue Inter-Carrier Process (ICP) Testing no later than November 15, 2003 and will not resume testing until January 15, 2004. Consequently, carriers that have not performed ICP testing may be prohibited from using their High Tech Interface ICP for production porting during that period if they have not successfully tested with trading partners requiring testing prior to production exchange.

Mr. Hawkins gave an update from OBF. He reported that the ongoing JIP issue was discussed at the Wireless Workshop in May 2003. While the long-term solution is always populating the JIP, this constitutes a rather large industry change, and it may be years before it is implemented across all carriers. No short-term solution has been brought forth.

Mr. Bench questioned why it will take many years to populate the JIP. Mr. Hawkins responded that it will require software and/or hardware changes to implement the JIP in the methodology that some of the carriers want. He pointed out that implementing it on a single switch could be done now. Implementing it for a specific cell site, will take some time.

Mr. Hawkins stated that the issue of NPAC Timers and Long Business Days for Key Holidays during the retail season was presented to the WNPO by Verizon Wireless. This is in regards to porting during holidays where the impact timers do not run. Mr. Hawkins advised that the WNPO determined that should a set of Service Providers decide to do

business on a holiday, the normal ICP and porting concurrence should occur even though the NPAC timers are not running.

Mr. Hawkins reported that the WNPO received a presentation from NeuStar on training new users of the helpdesk. This training will be offered in September and October 2003.

Mr. Hawkins reported that there was discussion on the Service Provider Extended Maintenance Window. He stated that currently the Service Providers have the first Sunday of the month where there is an eleven-hour maintenance window. This overlaps the wireless business hours on the East Coast by three hours. There is continuing discussion whether the extended window has to be twelve hours. Reducing the window to nine hours will ensure that wireless providers will not violate PIM 2 during the extended maintenance window.

Mr. Hawkins reported that Sprint provided the WNPO with a presentation on the 10-digit trigger and its use in inter-species porting. He explained that the 10-digit trigger provides a means by which the coordination of a port does not have to occur on a real time basis. Mr. Hawkins further explained that if the wireline provider can support the 10-digit trigger and put it in prior to the port actually occurring, the port will occur, and the customer will not lose service at any point and time for the mixed service.

Mr. Hawkins stated that Rick Jones provided an update to the NENA Report. Mr. Hawkins explained that the NENA Report is information on 911 Public and PSAP Education that Service Providers can provide to their customers. A draft report was given to the WNPO and several comments were made to revise the document. Mr. Hawkins indicated that the document should be completed and submitted for approval and distribution by September 2003.

Mr. Hawkins stated that US Cellular submitted a presentation on Wireless Service Areas and Wireline Rate Centers with WNP. He pointed out that it is not being brought to the NANC as part of the WNPO. Mr. Hawkins explained that it is in regards to wireless service areas and wireline rate centers with WNP. He stated that he has asked US Cellular to go back and discuss it with its regulatory personnel.

Chairman Atkinson thanked Mr. Hawkins for his work on the WNPO team.

H. North American Billing and Collection (NBANC) Report. John Ricker, NBANC, presented the report to the Council. Mr. Ricker reported that the fund status as of June 30, 2003 completes the fifth year of the funding of the NANPA. He stated that the NANPA was paid a total of \$5.3 Million for the period July 2002 – June 2003. There is no outstanding balance. Mr. Ricker reported that for Pooling Administration, there is still a balance \$300 Thousand of bonus carried over from the original year of the contract. As far as the second year of the contract, there was \$3.07 Million set aside, of which NBANC has paid \$2.2 Million. There is \$900 Thousand outstanding. Mr. Ricker stated that NBANC anticipates that there are requests for payments that it has not received yet. There is \$700 Thousand set aside for Carrier Audits. Mr. Ricker stated that there is \$388

Thousand set aside to be paid to MITRE Corporation. He noted that if everything had been paid as projected, there would have been \$1.4 Million carried over, instead, approximately \$7 Million will be carried over. Mr. Ricker indicated that he has not discussed this matter with his Board of Directors. He emphasized that NBANC worked hard to decrease the surplus. He noted that as a result of the new NANPA contract, NBANC ended up back in the same position where it was prior to making the filing.

Mr. Ricker stated that on June 10, 2003, NBANC submitted to the FCC an analysis of why carrier funds collected and disbursed by NBANC should not be included in the FCC's financial statements. NBANC disagrees with the Commission's decision to include the funds. Mr. Ricker reported that on June 23, 2003, NECA, NBANC's parent, submitted to the FCC comments on the NANPA Fund Billing and Collection Agent Technical Requirements, noting the additional reporting required by the inclusion of the NANPA funds in the FCC financial statements and questioning the use of the federal procurement process for the selection of a billing and collection agent.

Mr. Ricker reported that the FCC approved a new contribution factor. NBANC sent out 4,100 bills in June 2003 with a due date of July 12, 2003. Mr. Ricker indicated that he can not report specifically on how much of the \$5.4 Million that is due by July 12, 2003 has been collected.

Conclusion of Discussion on Grandfathered Central Office Codes. Chairman Atkinson stated that the issue is what is on the list, who gets the list, and when they get it. Mr. Knox recommended that each respective carrier receives their list of Grandfathered Codes and that they scrub the list by August 15, 2003. Once they are scrubbed, NANPA should post a downloadable soft copy of the Grandfathered Code list to its website by August 29, 2003, with a copy to all NANC members with the same Code list.

Mr. Altschul stated that there is concern from some wireless carriers about the accuracy of the list. He suggested that Grandfathered Codes that have been identified as belonging to a particular carrier be provided to that carrier for review before being made public. Mr. Knox stated that carriers should notify NANPA of the Codes that are not Grandfathered, and those Codes will not go on the list. He indicated that by August 29, 2003, NANPA can publish a new list of Codes by Rate Center.

Mr. Welch stated that the discussion was about whether or not you port Grandfathered Codes. He indicated that Mr. Altschul had reminded the Council Members that the FCC has already made a determination that number pooling would not take Grandfathered Codes into account. Mr. Welch stated that from a wireline perspective, if pooling was not implemented within those Codes, porting would not be implemented within those codes. He indicated that CTIA suggested that it should be the carrier's choice. Mr. Welch further indicated that SBC would like to remind the Council members that, for its network, SBC may be impacted by other carriers also using SBC switches. He emphasized that for SBC, it is an extremely important policy question whether all carriers operate under the same rules.

Mr. Welch stated that the Commissioner Lynch had explained that her opinion is that SBC and the State of California has been ordered that it can not assign numbers in its switches in those Grandfathered Codes.

Mr. Welch advised that whether or not carriers share the Codes is irrelevant. He indicated that the difficulty is whether porting for Grandfathered Codes is going to be allowed or not. Mr. Welch pointed out that the telephone numbers do not match the Rate Center in which they are assigned.

Chairman Atkinson questioned whether this is a small issue in a few states or whether it is a generic issue in most states. Mr. Welch responded that it is a small issue that points to a bigger issue. He indicated that the big issue is porting and the Rate Center issue and the impact on billing for end-user customers.

Christine Sealock Kelly, NARUC, concurred with Commissioner Lynch. She stated that it is New York's interpretation of its Commission's Orders that Grandfathered Codes are not allowed to be ported to wireline carriers. Ms. Kelly noted that it was specific to wireless carriers.

Chairman Atkinson questioned whether there is a clear understanding as to what the FCC Rule is. Mr. Williams stated that when pooling started, there were approximately fourteen states that had this issue. He indicated that in order to get pooling facilitated, the FCC stated that the numbers that are Grandfathered, do not have to be included in the pool. The FCC left open the possibility that the numbers might be pooled at a later date. Mr. Williams noted that the FCC only talked about pooling, and not about porting. Chairman Atkinson remarked that one vehicle is either a Petition for Clarification or a Waiver. Mr. Williams agreed.

After extensive discussion, it was decided that an informal IMG be formed. Volunteers include Michael O'Connor, Verizon, and Mark Welch, SBC. Other Council members are welcome to join. The group will try to get as many of the states involved as possible and draft a Petition for Expedited Clarification to the FCC. Chairman Atkinson stated that subject to approval by the NANC, he will draft a letter asking for a prompt decision by the FCC. He opined that in the meantime, the INC will not come to a final conclusion on this because there are policy issues in process. Chairman Atkinson stated that the INC should continue to look at the technical ramifications.

I. Public Participation. None.

J. Presentation of Plaque to NARUC: Chairman Atkinson presented a plaque to NARUC representatives for the best survey response rate in the 2002 NANPA Performance Review. He commented that although the plaque is going to NARUC, it is really a commendation and recognition of the work of the NANC as a whole. He stated that Chairman Powell would be issuing a press release commending the North American Numbering Council for its role in collecting data from industry, state regulatory

commissions, and consumer groups that is used to evaluate NANPA's performance on an annual basis.

Chairman Atkinson stated that the Council members should reflect on Chairman Powell's statement as a recognition by the Chairman of the FCC that the work that the NANC is doing is valuable, and it is well appreciated by the FCC because there is no way that the FCC could possibly do this kind of work itself.

Next Meeting: September 25, 2003

Action Assignments: July 15, 2003 NANC Meeting

1. **INC:** Conduct technical analysis of multiple LRNs for multiple tandems and provide alternatives to NANPA as quickly as possible (but do not reach final closure on any alternative before next NANC meeting).
2. **NANPA:** Convene a conference call of interested NANC members after receiving technical analysis from INC on LRN issue; determine number exhaust impacts of the INC alternative, report to NANC on Sept. 25.
3. **OUR:** Determine impact of reclamation of "paid toll free" numbers on Caribbean carriers.
4. **DIG IMG:** Provide "pros & cons" of N11 and 344 solutions, cost estimates, and cost-recovery proposals by Sept. 25.
5. **NANC Chair:** Confirm with FCC that the Pooling Administrator will be subject to oversight review by NOWG.
6. **NANC Chair:** Forward LNPA WG's July 3 letter to NANC Members.
7. **Associations:** (USTA, CompTel, CTIA, ALTS, NCTA, and OPASTCO): Confirm that association has sent LNPA WG's advisory re: SPID Migration to all association members. (LNPA WG to forward advisory to contact provided by association).
8. **NANC Chair:** By July 23, circulate a draft letter addressed to FCC that would forward LNPA's "Inter-Service Provider LNP Operations Flows"; send final letter to FCC by July 25.
9. **NAPM LLC:** Determine whether LLCs can require all carriers to conform with Mass SPID Update through "Minimum Connectivity" requirements.
10. **NANPA:** Grandfathered Wireless Central Office Codes posted to web site by August 29.