

**Before the  
PUBLIC UTILITY COMMISSION OF OREGON  
Salem, Oregon 97308**

In the Matter of the Investigation of the  
Appropriate Method of Providing Number Relief  
for the 503 Area Code

UM 924

**PETITION FOR APPROVAL OF INDUSTRY IMPLEMENTATION PLAN**

At the direction of the staff of the Public Utility Commission of Oregon (“Commission”), NeuStar, Inc., in its role as the North American Numbering Plan Administrator (“NANPA”) and on behalf of the Oregon telecommunications industry (“Industry”),<sup>1</sup> hereby requests Commission approval of the Industry’s consensus implementation plan for providing relief to the coastal areas within the 503 numbering plan area (“NPA”) code by expanding the existing 971 concentrated overlay to include the fourteen coastal rate centers. The Industry agreed-upon implementation plan includes six months for network preparation and six months for permissive dialing with specific start dates to be determined after the Commission releases an order approving the instant petition.

In Order Number 99-286, entered on April 26, 1999 in the above captioned docket, the Commission adopted an overlay plan under which the then new 971 NPA was imposed over all of the 503 NPA with the exception of 14 coastal rate centers. Based upon the most recent demand projections by the industry and historical demand showing

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<sup>1</sup> The Industry is composed of current and prospective telecommunications carriers operating in or considering operations within the 503 and 971 area codes of Oregon.

an increase in central office (“CO”) code assignments, NANPA projects that the 503 NPA will exhaust in approximately fourth quarter 2008.<sup>2</sup> As of October 11, 2006, 34 CO codes from the 503 NPA remain available for assignment from the general pool. Historical demand shows that 6 CO codes were assigned in 2004, 13 in 2005 and, to date, 15 CO code assignments in 2006.

As a result of the new exhaust projection, the Commission staff requested that NANPA work with the industry to develop an implementation plan for extending the 971 NPA over the remaining 14 coastal rate centers. NANPA, therefore, convened and facilitated implementation meetings of the Industry to discuss implementation of the 503/971 NPA relief plan and file a report with the Commission requesting approval of the plan.

NANPA facilitated meetings of the Industry by conference call on September 14, 2006 and October 11, 2006.<sup>3</sup> During those meetings, the Industry reached consensus to adopt an implementation schedule and dialing patterns. Specifically, the Industry agreed to adopt a six month period for network preparation and distribution of customer education materials. This period is to be followed by a six-month permissive seven-digit and 10-digit dialing period to begin in October 2007 and ending prior to April 30, 2008. In calculating these approximate time frames, the Industry decided that dialing changes

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<sup>2</sup> In the most recently published report, the 503 NPA is estimated to exhaust in third quarter 2009. However, in response to recent high demand for CO Codes in the 503, NANPA has performed a preliminary review of the forecasted exhaust of the 503 NPA using August 2006 data. The new projected exhaust date of fourth quarter 2008 is expected to be published in the October 2006 release of the 2006 NRUF and NPA Exhaust Analysis report. The current version of the report, released April 30, 2006, can be accessed at [www.nanpa.com](http://www.nanpa.com) under the “Reports” link.

<sup>3</sup> A copy of the minutes of the meetings, including a list of participants at each meeting, is attached.

should not occur during the summer or spring break tourist seasons. The Industry members stated that they wished to use approximate time frames and wait to choose specific start dates until the Commission approved the Industry’s plan. The Industry members agreed that they will provide timely and comprehensive customer education prior to the commencement of the permissive and mandatory dialing periods.

The Industry adopted a dialing plan for the extension of the 971 NPA overlay. The Industry’s recommended dialing plan is set forth in the table below.

**DIALING PLAN**

Type of call	Call terminating in	Dialing plan
Local or EAS calls	Home NPA (HNPA) or Foreign NPA (FNPA)	10-digits (NPA-NXX-XXXX)
Toll calls	HNPA or FNPA	1 + 10-digits (1 + NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

NANPA, on behalf of the Industry, respectfully requests that the Commission approve the Industry’s plan for the extension of the 971 NPA over the 14 coastal rate

centers currently served only by the 503 NPA and adopt a six-month 7-digit and 10-digit permissive dialing period to begin no later than October 2007 and ending prior to April 30, 2008.

Respectfully submitted,

/s/ \_\_\_\_\_  
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October 18, 2006

**OREGON  
503 / 971 NPA OVERLAY  
EXPANSION MEETING  
FINAL MINUTES  
September 14, 2006**

**WELCOME, INTRODUCTIONS & AGENDA REVIEW**

Joe Cocke, Senior NPA Relief Planner – NANPA, opened the meeting with introductions, a review of the agenda and the objectives of the meeting. A list of attendees can be found in Attachment #1.

**REVIEW CONSENSUS PROCESS AND MEETING MINUTES**

Mr. Cocke stated that the ATIS (Alliance for Telecommunications Industry Solutions) approved industry consensus process would be followed. He reviewed the consensus process and explained the method by which consensus is determined. In addition, Mr. Cocke stated that the minutes would be comprised of consensus items.

**PURPOSE OF THE CALL**

Mr. Cocke stated that the Oregon Public Utilities Commission (OPUC) has requested NANPA conduct this meeting to develop a plan for the expansion of the 971 overlay to include the 14 coastal rate centers. Joe added that NANPA's responsibilities are limited to conducting the planning meeting and filing the implementation plan with the OPUC and then once the plan is approved by the OPUC it is the industry's responsibility to have sub-committee meetings and complete the implementation process. Joe stated that NANPA would attend the sub-committee meetings as requested but would not chair them or record minutes. However, NANPA would assist the industry in initial meeting announcements.

**STATUS OF 503 NPA**

Joe stated that the 503 NPA is forecasted to exhaust 3Q2009 - NANPA has done a preliminary review of the forecasted exhaust of the 503 NPA using the most recent August NRUF data and believes it will be moved in sooner to approximately 4Q2008. It was noted there are 14 rate areas in the 503 NPA that are not part of the overlay and the assignments of the remaining 503 codes has been increasing. As of September 13, 2006 there are 748 assigned codes, 15 Unavailable codes and 37 codes available for assignment. The NPA is not in rationing. The assignment history is as follows: 6 in 2004, 13 in 2005, and 12 YTD in 2006. Joe stated the annualized 2006 code assignment is 18 per year. He mentioned that from Sep 2005 through Aug 2006 eighteen (18) codes were assigned as well. Therefore, at this rate the NPA will exhaust within two years. Most of the code assignments have been to rate centers in the overlaid area per the OPUC authority for dedicated customers, special requests, etc.

**STATUS OF 503 NPA POOLING**

Cecilia Louie, NeuStar Pooling Implementation Mgr, reported that pooling commenced December 1, 2001. Additionally, she reported there are in the 503/971 overlay complex a total of 63 rate centers, 51 are mandatory pooling, 1 is mandatory pooling with one service provider, 2 are optional RCs and 9 are excluded. There are 1004 blocks available as of 8-30-06 and in the

past 12 months they have assigned 335 blocks, 8 of these were assigned to the coastal area. They have assigned 22 codes in the past year – 15 for pool replenishment, 1 for dedicated customer and 6 for LRNs. Tara Farquhar, NeuStar Pooling Administration, reported based on current industry forecasts for the next 12 months – the PA projects it will need 15 codes – 7 for pool replenishment and 8 for LRNs.

Cecilia mentioned this is a combined report for both NPAs. Tara mentioned that no codes are needed in the forecast for the 14 coastal rate centers.

Joe added that the individual 14 rate centers in the coastal area have a breakdown as follows: 5 are mandatory pooling, 2 are optional pooling and 7 are excluded from pooling.

**UNAVAILABLE CODES**

Joe reported the following codes are UAs: N11s, 503, 555, 700, 950, 958, 959 and 976. He stated there were two codes in question but NANPA has resolved the issue. The UA codes are the 211, 311, etc., the HNPA and the rest are for special services and test codes.

**DIALING PLAN**

It was noted in the original planning letter (PL-NANP-182) the dialing plan in the coastal area would be 7-D for all HNPA local and EAS calls within the 503 coastal area, and **the service providers were to also make available permissive 10-digit dialing for local and EAS calls**. All toll calls within the coastal area are to be dialed 1+10 digits. Additionally, all HNPA and FNPA local and EAS calls outside the 503 coastal area will be dialed with 10-digits. All toll calls outside of the 503 coastal area will be dialed 1+10 digits.

The dialing plan for existing 503/971 overlay would be reflected in the implementation plan as follows:

Type of call	Call terminating to	Dialing plan
Local or EAS calls	Home NPA (HNPA) and Foreign NPA (FNPA)	10-digits (NPA-NXX-XXXX)
Toll calls	HNPA or FNPA	1 + 10-digits (1+NPA-NXX-XXXX)
Operator Services Credit card, collect, third party	HNPA or FNPA	0 + 10-digits (0 + NPA-NXX-XXXX)

Joe inquired about a need for a possible test number. Since the overlay is already in place in much of the area the industry made no suggestion for a test number just for the coastal area.

**REACH CONSENSUS ON IMPLEMENTATION INTERVALS AND DATES**

Joe started this discussion with identifying the area’s unique economic situation and that it relies on summer vacation and spring break revenues for its local economy. Therefore it is necessary to time the mandatory dialing date around not just the common holidays and spring break but also the period from June when school is in recess through Labor Day in September to avoid customer confusion and the economy’s disruption. Joe stated he was advised there could be an approval of the industry’s implementation plan by December and permissive dialing could start

sometime in 2007. After some discussion, a suggestion was made and consensus reached for 6 month network preparation and customer notification period plus a 6-month permissive 7-digit and 10-digit dialing period with permissive dialing starting in October 2007 and mandatory dialing by April 30, 2008. The industry stated it wished to use approximate timeframes until the OPUC approved the plan and it would decide on the specific dates upon approval. It was noted by some industry members that the publication timeframe of the directories coincides with the timeframe of the mandatory dialing.

**NETWORK PREPARATION BY INDUSTRY**

Complete Network preparation including switches with 7-Digit and 10-Digit dialing and Preparation & Distribution of Customer notification	6 months*
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**SIX-MONTH IMPLEMENTATION PERIOD**

7-Digit and 10-Digit Permissive Dialing Period	6 months*
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\*Start dates to be determined at follow-up industry meeting when OPUC approves plan.

**CUSTOMER EDUCATION PLAN**

The industry agreed that it will begin comprehensive customer education prior to the commencement of permissive dialing and prior to mandatory dialing.

**PLANNING LETTER INFORMATION**

Joe stated that NANPA will issue a new planning letter once there is approval from the OPUC and the implementation dates are set.

**IMPLEMENTATION ACTIVITIES**

Joe reviewed the following items of interest that may need to be investigated for the implementation of the extended 503-971 NPA. Joe stated that these items should be discussed further during the industry sub-committee meetings.

**TECHNICAL ISSUES:**

The following Technical Issues, associated with the implementation of a new area code:

**Translations and Testing**

Joe reiterated the good practice of testing whenever changes are made to the switch

**9-1-1 Trunking**

911 Trunking and Database issues – some service providers may have NPA specific Trunking. Verification of E-911 tandem routers capabilities is needed.

**Operator Services Trunking**

0+, 0- Services

Trunking Issues to be addressed – possible NPA specific Trunks

Correct Outpulsing from trunks of OSPS type systems and associated databases need to be considered.

### **Directories and Directory Assistance**

Database updates - 411 & 555 databases

Directory Publishing – timing of new directories reflecting the old & new NPAs (white & yellow pages)

Information & Intercept Operator – database information

Both sometimes have NPA specific trunks

Also, 411 systems with call completion services may be affected.

### **Interconnection Issues**

Interoffice Trunking to tandems, some may require special attention with the addition of 2<sup>nd</sup> NPA.

### **Establish Communication Channels**

Identify Project Managers (if appropriate) – share contact information w/ other Industry members. Use the list provided in the PL. Some companies are experiencing many personnel changes.

### **NPAC database changes**

NPAC users should refer to the NPAC M & P on NPA overlays.

### **CUSTOMER EDUCATION ISSUES:**

Joe Cocke reviewed the following Customer Education Issues, which may be associated with the implementation of the mandatory dialing and the new 971 NPA:

#### **General Public**

Various media outreach notices

Customers should notify friends and families

#### **Businesses**

Determine how to best reach the business customers

Businesses should notify customers and vendors

#### **Public and Private Schools**

Educating youth regarding dialing to home and emergency telephone numbers

Special Needs schools

#### **Senior Citizens**

Special targeting of these customers might be required

#### **Special Needs Customers**

Special targeting of these customers might be required

#### **Government and Military**

Various Government Agencies

Military Installations –



### **Burglar and Fire Alarm Companies**

Auto-dialers might require reprogramming to Alarm Company's Home Central Station  
If auto-dialers dial 7D today - will require reprogramming.  
Should consider contacting the Alarm Association.

### **Public Pay Telephones and Customer Owned Pay Telephones**

Signage changes would be required  
Out-pulsing changes will be required on "Smart" phones.

### **Freeway Emergency Call boxes**

These services can be on a per county basis through contract with a service provider – if wireless  
- each phone is wireless and has an individual number. (the instruments may need treatment)

### **Education Plan**

Subcommittee to identify and implement Public Education Plan:  
Customer notification mediums – verbiage and timing.

### **OTHER**

CPE customers will need to review PBX translation and Least Cost Routing tables, i.e., large businesses, agencies and hotels.  
Wireless customers may require handsets to be reprogrammed to 10-digits for auto-dial lists  
Auto-dialing equipment, modems, fax machines, PCs – will require changing to mandatory 10-digit  
Instructions on Hotel room phones will change.  
Some street signs may need changing – check with cities, counties and rapid transits to add NPA.

### **FORMAL FILING OF IMPLEMENTATION PLAN**

Joe stated the final minutes to the September 14<sup>th</sup> meeting would be attached to the formal filing of the implementation plan and would be filed with the OPUC after the minutes become final.

### **MEETING MINUTES DISTRIBUTION and APPROVE THE MINUTES**

It was agreed that the draft minutes resulting from this meeting and the draft petition will be distributed to the Industry by posting them on the NANPA website no later than October 5, 2006.  
It was agreed the industry would meet again on October 11, 2006 at 9:30 AM (PT) to review and approve the draft minutes and filing. After approval the plan will be filed with the OPUC.

The details of the next conference call are as follows:

**Date: Wednesday, October 11, 2006**

**Time: 9:30 AM Pacific, 10:30 AM (MT), 11:30 AM (CT), 12:30 PM (ET)**

**Dial-in number: 630-827-6799**

**Pass code: 8973724 #**

Adjourned

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Oregon  
503 NPA  
Overlay Expansion Conference Call  
Attendees  
September 14, 2006

NAME	COMPANY
Brenda Summerlin	Alltel
Marcy Baxter	AT&T
Paul Illig	Cascade Utilities
Doug Cooley	Century Tel
Kathy Heinz	Cingular
Valerie Endlich	Cricket Wireless
Joe Cocke	NANPA Relief Planning
Wayne Milby	NANPA Relief Planning
Beth Sprague	NANPA Code Administration
Joe Rano	NANPA Code Administration
Cecilia Louie	NeuStar Pooling Implementation
Tara Farquhar	NeuStar Pooling Administration
Susan Case	Nehalem Telecom
Bev Arrington	Nehalem Telecom
Brant Wolf	Oregon Telecommunications Assoc.
Bruce Bennett	Qwest
Ron Trillinger	Qwest
Pat Maroney	Sprint PCS
Natalie McNamer	T-Mobile
Tom Pease	Time Warner Telecom
Yun Lee	Verizon

## CERTIFICATE OF SERVICE

I certify that I have this 18<sup>th</sup> day of October, 2006, served the foregoing document upon all parties of record in this proceeding by mailing a copy properly addressed with first class postage prepaid, or by electronic mail pursuant to OAR 860-013-0070, to the following parties or attorneys of parties:

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October 18, 2006