

North American Numbering Plan Planning Letter

Number: PL-NANP-106

Date: December 23, 1997

From: J. N. Deak - NANP Administration
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Subject: Transfer of NANP Administration Responsibilities to Lockheed Martin IMS

At 9AM on Monday, January 19, 1998 North American Numbering Plan Administration (NANPA) will be operational at Lockheed Martin IMS facilities in Washington, DC. The NANPA facility at Bellcore will close at 5PM on Friday, January 16. Attached to this letter is a copy of the plan describing the transition in some detail.

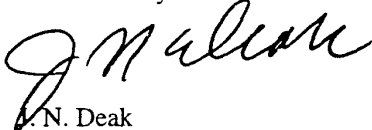
Contact information for use after January 19 date is also attached.

The new NANPA web site, <http://www.nanpa.com>, will be available on January 19. The new web site has information about numbering resources not previously included. Check it out!

Planning Letters issued after January 19 will be available on the web site. Paper copies of earlier Planning Letters are available from NANPA.

During the first month of operations, the NANPA Transition Task Force will be assessing the performance of the new NANPA. The Task Force invites your feedback and comments, which may be submitted to the Task Force co-chairs: Jo Gallagher, Bell Atlantic, on 703-974-8160 or Bob Hirsch, AT&T, on 908-580-8761.

Copies of this letter are being forwarded free of charge to achieve the widest possible industry distribution. Readers are encouraged to reproduce this document and distribute freely. Questions concerning the contents of this letter may be referred to Jim Deak, at Bellcore, at 732-699-6612.



J. N. Deak
North American Numbering Plan Administration

Attachments

NANPA Transition Plan
Contact Information

EFFECTIVE JANUARY 19, 1998

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Ron Conners	Director		202-756-5796	ron.conners @nanpa.com
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(To be announced)	Administrative Assistant		202-756-5781	(To be announced)

Beginning January 19, 1998, Jim Deak will be working full time in his new capacity as Regional Director – NPA Relief Planning. Jim can be reached on 973-539-8331, by facsimile at 973-455-1054, or by email at jim.deak@nanpa.com.

PLAN FOR THE
TRANSITION OF
CURRENT NANPA FUNCTIONS
FROM BELLCORE TO
LOCKHEED MARTIN IMS

Prepared Jointly by
Lockheed Martin IMS and Bellcore

December 5, 1997

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1.0 OVERVIEW

This is the plan for the transfer of North American Numbering Plan Administration (NANPA) functions currently performed by Bellcore to Lockheed Martin IMS (LMIMS) as required by the FCC's Third Report and Order in Docket CC 92-237. LMIMS will also assume certain non-Bellcore responsibilities (e.g., administration of non-dialable toll points) during the transition.

Requirements for the transition are documented in Section 4 and in various other sections of the *North American Numbering Plan Administration Requirements Document* dated 2/20/97, referred to in this plan as the "Requirements Document." The NANPA Transition Task Force has reviewed the plan to insure that it meets or exceeds those requirements.

The FCC's Third Report and Order establishes the schedule for the transition, which must be completed during a 90-day window beginning on 11/22/97 and concluding on 2/20/98. The Requirements Document further refines the schedule, indicating that LMIMS must assume responsibility for all of the Bellcore NANPA functions no later than 60 days after the beginning of the transition. LMIMS will assume these responsibilities on 1/19/98.

This plan has been prepared jointly by LMIMS and Bellcore, who share a commitment to complete this transition with no degradation in the service that has been provided to the public in the past.

2.0 DESCRIPTION OF THE TRANSITION

During the transition, LMIMS will assume responsibility for the administration of the numbering resources listed in Section 4.2 of the Requirements Document; viz.,

- Numbering Plan Area (NPA) Codes
- 809 NPA Central Office Codes
- International Inbound NPA 456 NXX Codes
- PCS/N00 codes (500)
- 900 NXX Codes
- 800-NXX Codes Reserved for and Assigned to the Caribbean
- N11 Service Codes
- 800 855-XXXX line numbers
- 555-XXXX line numbers
- Carrier Identification Codes (CICs)
- Vertical Service Codes (VSCs)
- ANI II Digits (Automatic Number Identification Information Integers)
- Non-Dialable Toll Points (NPAs 886 and 889)

Bellcore currently administers all of the numbering resources listed above, with the exception of non-dialable toll points.

The transition is planned in two phases:

- The first phase of the transition took place on 11/10/97, when the remaining key Bellcore NANPA employees (Jim Deak and Nancy Fears) became LMIMS employees. Although Jim and Nancy are now employees of LMIMS, an agreement between Bellcore permits them to continue to perform their NANPA functions at Bellcore, under Bellcore supervision, until the NANPA responsibility has been fully transferred to LMIMS in accordance with this plan. To make this phase of the transition as transparent as possible, there will be no announcement of this arrangement outside of the industry groups involved in the transition.
- The second phase of the transition will involve a “flash cut” as LMIMS assumes full responsibility for all of the NANPA work. At 5:00 PM on Friday, 1/16/98, Bellcore’s NANPA operation will close, and the associated records and data will be moved to LMIMS facilities. Beginning at 9:00 AM on Monday, 1/19/98 NANPA will be open for business at 1133 15th St. NW in Washington, DC. Subsequent sections of this plan describe the infrastructure required to support NANPA operation in Washington, DC, including how the public will be notified of the change.

The transition requires detailed planning, as well as sorting and packaging of records and data for transfer. To insure that NANPA service is not degraded during the transition, two additional LMIMS NANPA employees will be deployed on Bellcore premises to supplement Jim Deak and Nancy Fears. These individuals are:

- Jean Mobley – Jean became an LMIMS employee on 11/17/97. Her work experience includes three years in the NANPA group, from which she was subsequently promoted into various other jobs in marketing and software development at Bellcore. Jean is familiar with the numbering resources administered by NANPA. After the NANPA transition is complete, Jean will supervise the staff that provides central support to the NPA relief planners.
- Rose Breidenbaugh – Rose became an LMIMS employee on 12/1/97. She has been involved in numbering issues for several years at Bell Atlantic, and has participated in the INC. During the NANPA transition, Rose will assume Jim Deak’s current responsibilities, primarily NPA code administration and INC industry representation, allowing Jim to assume his new role as Regional Director – NPA Relief Planning.

After 1/19/98, the division of NANPA responsibilities will be as follows:

Rose Breidenbaugh	<p>Administering NPA codes, FRCs, N11 codes, VSCs, 800-855 numbers, ANI II digits, 456-NX(X) codes, central office codes in the 809 NPA</p> <p>Representing NANPA in the INC and other industry forums</p> <p>Conducting COCUS</p> <p>Maintaining the content of the web site</p>
Nancy Fears	<p>Administering CICs, 500- and 900-NXX codes, 555 line numbers, non-dialable toll points</p> <p>Measuring and reporting on NANPA assignment performance</p>
Ron Conners	<p>Managing the group, as well as the central office code administration and NPA relief planning groups</p> <p>Representing NANPA at NANC and SG2 Ad Hoc</p>

The group will have an administrative assistant who will help in the performance of the duties outlined above. Also, as indicated above, central support for NPA relief planning will also be located in the Washington office, offering an opportunity for cross-training and load balancing.

To assist in the resolution of legal issues, the new NANPA has access to LMIMS corporate attorneys and to outside attorneys specializing in telecommunications and regulatory issues. Additional legal representation will be obtained, as required, in those states where LMIMS does not already have such representation.

LMIMS has a public and media relations group that will assist in dealing with numbering inquiries from the media.

3.0 NOTIFICATION

This section of the plan describes procedures for informing the industry that the transition is to take place. Proper notification is important because NANPA's location, phone numbers, fax numbers, web site, and email addresses will change on 1/19/98.

State public utility commissions and regulators in the countries that share the North

American Numbering Plan will be notified of the transition by letter no later than 12/15/97.

Canadian regulators have been active participants in the NANC since its inception and are thoroughly familiar with what is happening. The new NANPA will meet with the Canadian Numbering Administrator and representatives of Industry Canada and the CRTC on 12/15/97 to discuss the transition and associated issues.

3.1 Planning Letter

Bellcore NANPA and LMIMS will issue a planning letter announcing the transition, and listing contacts, new numbers, web page URL, etc. The planning letter will be distributed on 12/17/97, assuming that the transition plan and schedule are approved by the NANC at its 12/16/97 meeting.

3.2 Press Release

Bellcore and LMIMS will prepare and distribute a joint press release announcing the transition and new numbers/addresses. The press release will be issued on 12/17/97, assuming that the transition plan and schedule are approved by the NANC at its 12/16/97 meeting. The NANPA Transition Task Force will review the document prior to the presentation of this plan to the NANC.

3.3 Bellcore Web Page

The NANP section of the Bellcore web page will be updated to contain a copy of the press release when it is issued.

On 1/19/98 numbering information will be removed from the Bellcore web site and replaced with a pointer or hot link to the new NANPA web site.

3.4 Referrals After 1/19/98

Voicemail messages will be provided on the Bellcore phone extensions used by NANPA personnel (732-699-5656, 6612, and 3700) and the NANPA fax number (732-336-3293), reminding callers that the transition has taken place and pointing them to the new phone numbers. Since many of the documents that reference these phone numbers are unlikely to be updated and reissued in the near future, referral messages will be left in place for one year after the transition is complete.

Bellcore will forward relevant NANPA mail to LMIMS for one year after the transition is complete.

4.0 RECORDS TRANSFER

Bellcore and LMIMS will review all current paper and electronic records, and will categorize them as

- *Transfer to LMIMS* - This category includes assignment records and relevant correspondence for all numbering resources being transferred to LMIMS. Most of the material falls into this category.
- *Retain at Bellcore* – This category includes records associated with numbering resources not being transferred to LMIMS; e.g., SS7 network codes.
- *Obsolete* – This category includes records of no historic interest which are no longer required. For example, documentation on proposed numbering schemes for services that were never offered.

Records to be transferred to LMIMS will be transported, by LMIMS, to the new NANPA facility. Those to be retained at Bellcore will be archived in accordance with standard Bellcore record retention procedures. Those deemed obsolete will be destroyed. An LMIMS-Bellcore agreement will detail the requirement for Bellcore to have ongoing access to, and copies of, the transferred records should there be legal necessity for such access; e.g. legal activity based on NANPA decisions made by Bellcore prior to the transition to LMIMS.

5.0 MISCELLANEOUS ISSUES

Various sections of the Requirements Document describe miscellaneous requirements to be met by LMIMS in its role as the new NANPA. The subsections below describe how the new NANPA will address these requirements on and after 1/19/98.

5.1 Hours of Operation

The NANPA office in Washington, DC will be open from 9:00 AM until 5:00 PM Eastern Time weekdays, except for holidays.

5.2 Telecommunications

All NANPA personnel will have individual phones with voicemail. All NANPA personnel may be reached through voicemail, email, or facsimile. The NANPA director and regional directors can be paged at numbers to be included in their voicemail messages.

NANPA personnel will have access to RDBS and BRIDS as required prior to 1/19/98.

5.3 Responsiveness

NANPA personnel will respond to messages within one business day. Assignment requests will be processed within the time periods specified in the assignment guidelines.

5.4 Databases

In its NANPA proposal, LMIMS specified an ORACLE database for use as a repository for assignment information. To expedite development of the database, LMIMS plans to acquire and build on a system developed by one of the current central office code administrators to support its central office code assignment functions. Licensing arrangements are under negotiation at this time.

Once the licensing arrangements are completed, LMIMS plans to focus on modifying the acquired system as needed to support the central office code transition. This approach reflects the industry's desire to have the central office code transition begin and proceed as quickly as possible.

When the ORACLE database is ready to support central office code administration (March, 1998), work will begin on incorporating the current NANPA numbering resources. The incorporation will be completed no later than December 31, 1998. Until the incorporation is completed, NANPA will continue to use and improve the databases used by Bellcore to maintain assignment information for NPA codes, carrier identification codes, 500-NXX codes, etc. These databases have been installed and tested on LMIMS hardware.

As described in the LMIMS proposal, our ORACLE database will be implemented on fault-tolerant hardware in Tarrytown, NY, with a backup system for disaster recovery in Chicago. Pending incorporation of current NANPA resources in the ORACLE database, assignment data for these resources will be backed up at least once each day, with backup copies stored at two physically separated LMIMS facilities.

Note that assignment information reports will be included on the web as required on 1/19/98.

5.5 Security

The Washington, DC NANPA office will be located within a secured, limited access facility. In addition, data proprietary to applicants and others will be maintained within locked areas accessible only to NANPA staff.

5.6 Performance Measures

NANPA will cooperate with the NANC in the assessment of NANPA performance, as described in Section 1.6 of the Requirements Document.

NANPA will monitor its performance internally, and will provide summaries to the NANC

monthly. Initially, these summaries will include the number of assignment requests, the number of assignments and denials, processing times for assignment requests, and discussion of problems or significant issues that have arisen during the month.

To obtain customer feedback, customer satisfaction questionnaires will be distributed with assignment forms. Summarized feedback results will be included in the monthly report to the NANC.

These reports will be made available for distribution to NANC members no later than five working days after the beginning of each month. In cases where this does not allow enough time to distribute the summaries in advance of the monthly NANC meeting, the schedule will be adjusted so that the report can be made available. The first of these reports will be produced in March, 1998, and will cover the period from January 19 through the end of February. These reports will be included on the web site.

NANPA performance immediately after the transition will also be tracked by the NANPA Transition Task Force as described in Section 6.0 below.

5.7 Meeting Attendance

NANPA representatives will attend NANC, INC, and meetings of other numbering forums as appropriate or required. For example, Section 4.1.4 of the Requirements Document directs NANPA to attend Study Group A Ad Hoc meetings. NANPA staff will travel as required to attend meetings.

5.8 Reports

The new NANPA will continue to produce or develop NANP number resource reports for those resources it administers, as required in Sections 9.6.1, 4.2.1(E), 4.2.5(E), and 4.2.9(E) of the Requirements Document. These reports will be available on paper, and will be included on the NANPA web site as appropriate. New area code openings will be reported to the ITU. Assignment information for 900, 500, and CICs will be provided separately to the FCC Industry Analysis Division as has been done in the past.

Callers have often observed that the data included in the NANPA annual report on area codes, normally produced each January, becomes quickly obsolete. To avoid that problem, the report, including area code maps, will be published on the NANPA web site in a format that facilitates keeping the data current.

5.9 Web Site

LMIMS has obtained the URL "http://www.nanpa.com" and will establish a NANPA home page at that address. On 1/19/98 the NANPA home page will contain all of the information specified in Section 9.6.3 of the Requirements Document, except for dialing plan and geographic NPA-NXX information, which will be added during the central office code transition. Assignment guidelines will be included by reference to the ATIS home page. Content of the web page will be updated weekly, as specified in the Requirements Document. The web site will be protected against update by unauthorized users.

Planning Letters released after 1/19/98 will be published on the web site. After 1/1/98 NANPA will become the primary source for paper copies of these letters (or previous Planning Letters published by Bellcore). Upon request, however, Bellcore will also provide to its clients copies of numbering Information Letters or Planning Letters published prior to 1/16/98.

5.10 Dispute Resolution

NANPA will participate in dispute resolution as described in Section 6 of the Requirements Document and in the dispute resolution procedures subsequently developed by the NANC.

6.0 TRANSITION OVERSIGHT

The NANPA Transition Task Force will oversee the transition, using the following steps: 1) review and approval of this transition plan prior to its submission to NANC, and 2) monitoring NANPA performance through use of a survey. A copy of the survey will be distributed to randomly selected individuals who call or interact with NANPA during the 30 days following 1/19/98. NANPA will maintain a telephone log to facilitate collecting this information.

7.0 ISSUES REMAINING UNDER NEGOTIATION

Several issues have yet to be resolved as of the writing of this document.

7.1 Central Office Code Administration in the 809 NPA

Bellcore NANPA has for many years administered central office codes for the 809 NPA, and will continue to perform this function until 1/16/98. After that date the new NANPA will continue to assign central office codes in the Dominican Republic until the Dominican Republic either becomes the only occupant of the 809 NPA (6/1/98) or assumes responsibility for central office code administration. The unresolved issue is the input of RDBS and BRIDS data after 1/19/98. To perform this function, LMIMS must become the AOCN for each of the carriers in the Dominican Republic, which involves execution of a legal contract. Moreover, LMIMS is authorized to charge for this service. The charge

has two components: a labor and facilities cost to cover LMIMS expenses, and pass-through charges from Bellcore TRA. It should also be noted that TRA pass-through charges may be applicable not only for newly assigned central office codes, but for all previously assigned codes as well.

7.2 Non-Dialable Toll Point Assignment Information

The issue is to determine where NANPA will get data on currently assigned non-dialable toll points to populate its database. The transition task forces have recommended using the assignment lists from the LERG as a starting point. Negotiations are in progress with Bellcore to determine if the LERG data may be used in this manner without violating Bellcore proprietary restrictions.