

### 6.7.3 Summary of Findings

- 6.7.3.1 The LNPA Technical & Operational Requirements Task Force developed industry standard NPAC SMS Provisioning Process Flows. See Section 7 and Appendix B of the LNPA Technical & Operational Requirements Task Force Report contained in Appendix E of this report for more details.
- 6.7.3.2 The LNPA Technical & Operational Requirements Task Force developed an industry standard NANC Functional Requirements Specification (FRS) document that defines the functional requirements of the NPAC SMS. See Section 8 and Appendix C of the LNPA Technical & Operational Requirements Task Force Report contained in Appendix E of this report for more details.
- 6.7.3.3 The LNPA Technical & Operational Requirements Task Force developed an industry standard NANC Interoperable Interface Specification (IIS) document that contains the information model for the NPAC SMS mechanized interfaces. See Section 9 and Appendix D of the LNPA Technical & Operational Requirements Task Force Report contained in Appendix E of this report for more details.
- 6.7.3.4 The LNPA Technical & Operational Requirements Task Force developed an industry wide process to enforce compliance with the policy developed by the LNPA Architecture Task Force for porting of reserved and unassigned numbers. The process includes notification to non-compliant Service Providers followed by the Service Providers right to invoke the NANC Resolution of Numbering Disputes procedures or other escalation as the service provider deems appropriate should a dispute arise. See Section 10 of the LNPA Technical & Operational Requirements Task Force Report contained in Appendix E of this report for more details.
- 6.7.3.5 The LNPA Technical & Operational Requirements Task Force developed an interim industry wide procedure to control the change management process for designing, developing, testing, and implementing changes to the NANC FRS, NANC IIS, and related processes. This interim process was developed to ensure consistency in the submission and consideration of changes to requirements until a permanent process is adopted as recommended in 7.1.1.D.

### 6.7.4 Recommendation

6.7.4.1 The LNPA Selection Working Group recommends adoption by NANC of the documents described in Sections 6.7.3.1 through 6.7.3.3 above, and the processes described in Sections 6.7.3.4 and 6.7.3.5 above.

#### 6.7.5 Justification

6.7.5.1 The LNPA Technical & Operational Requirements Task Force reviewed the activities in each of the seven (7) regions to evaluate the LNP planning activities currently underway. It was determined that certain documents were under development concurrently in each region. The regional LNP documents that had relevance to the Task Force mission included:

##### A. Requirements Documents

Request for Proposals (RFPs) were developed in each region to invite neutral third party vendors to submit proposals to provide NPAC SMSs. The RFP in each region included, either as an attachment or by reference, the Functional Requirements Specification (FRS), which defines the functional requirements for the NPAC SMS and the Interoperable Interface Specification (IIS) which contains the information model for the NPAC SMS mechanized interfaces. Since these two (2) requirements documents were being discussed concurrently in all regions, the Task Force determined that immediate consideration for standardization across the regions was required.

##### B. NPAC SMS Provisioning Process Flows

The NPAC SMS Provisioning Process Flows document describes the inter-service provider and NPAC SMS process flows. This series of nine (9) flows was also being addressed independently in each region. The Task Force determined that the flows also required immediate consideration for standardization.

6.7.5.2 The LNPA Technical & Operational Requirements Task Force reviewed the content of the above regional documents and determined that they were substantially similar to each other. The Task Force concluded there were significant advantages to the industry if standard FRS, IIS, and NPAC SMS Provisioning Process Flows were developed and endorsed as industry standards. These advantages are defined in greater detail in Section 5.2 of the Task Force report contained in Appendix E. At a high level the advantages include:

- Facilitates meeting FCC schedule
- Better use of LNP resources in all companies

- Facilitates design of associated processes by other industry groups
- Produces timely and cost effective offers of LNP related products
- Minimizes expenditure of time and resources and increases quality for nationwide Service Providers

6.8 Numbering Information Sharing

- Guidelines and standards by which the NANPA and LNPA(s) share numbering information.

6.8.1 The manner in which the North American Numbering Plan Administrator (NANPA) and the LNPA(s) might share numbering information is considered to be an aspect of number pooling. While number pooling may certainly be a desirable outcome made possible by LNPA, it was considered outside the scope of the Working Group's immediate mission, and was therefore not addressed.

## 7. FUTURE ROLE

### 7.1 Future Roles

7.1.1 The LNPA Selection Working Group and associated Task Forces have addressed the specific LNPA selection, technical and architectural issues designated by the FCC. However, the Working Group has identified several important areas relating to LNP implementation and ongoing operation that, in the opinion of Working Group members, require continued regulatory and industry oversight. The current structure and membership of the NANC and the LNPA Working Group and Task Forces are well suited to assist in carrying out these activities or at a minimum, initiate the activity by investigating issues and making recommendations. Following is a list of these activities, and recommendations for a potential role for the Working Group and/or its Task Forces.

- A. Number Pooling - Number pooling and any other steps required to achieve number utilization efficiency are a short term priority. Area code splits and the advancement of NANP exhaust are issues of grave concern. To ensure a coordinated number pooling effort, interaction between NANPA and LNPA is required during the design, development, and implementation of number pooling. It is recommended that the LNPA Selection Working Group work jointly with the NANPA Working Group in support of this effort.
- B. LNPA Initial Deployment Oversight - To ensure compliance with the FCC order, there is a need to review LNPA deployment on a national basis through, at a minimum, the top 100 MSA deployment period. The successful introduction of 800 portability was fostered by an Oversight Committee, chaired by FCC staff, and a committee modeled along these lines could be equally important and necessary to successful LNPA deployment. Specifically, such a committee could be chaired by the Chief, Common Carrier Bureau (or her designate) and staffed by LNPA Working Group members. In support of this Oversight Committee recommendation, the Working Group notes that the FCC has already delegated responsibility to the Chief, Common Carrier Bureau, to take action to address any problems that arise over specific implementation procedures, and the Working Group is already comprised of industry experts in LNPA implementation.
- C. LNPA General Oversight - NANC will provide oversight to ensure that LNPA activities support FCC objectives of neutral operation of the LNPAs and to ensure that national uniformity and interoperability in LNP administration are achieved. The LLCs, by terms of their respective operating agreements, accept the role of NANC in this oversight capacity, and acknowledge that they will comply with FCC directives. Further, the LNPAs are obligated to comply with regulatory directives through requirements in both the RFPs and master contracts. See Section 4.4.4 for additional information. Details of how NANC recommendations will be

applied to the LLCs will be developed by the LNPA Selection Working Group for NANC consideration.

- D. NPAC SMS Change Management Process - NPAC SMS Change Management Process - There is an immediate need to maintain a centralized focus on the change management process for future NPAC SMS enhancements. The LNPA Technical & Operational Requirements Task Force developed an interim procedure to fill this role over the last four (4) months and currently fills the role of reviewing, selecting, and prioritizing NPAC SMS release two (2) and release three (3) changes. The Task Force recommended adoption of this interim change management process in Section 6.7.3.5 above.

The LNPA Selection Working Group recognizes that, having recommended technical and operational standards for the industry to follow for the implementation of NPAC SMS, ongoing changes to the requirements must be managed. The Working Group recommends that an open industry group, such as the LNPA Technical & Operational Requirements Task Force or other similar group designated by the NANC, be charged to continue to maintain ongoing technical standards for the NPAC. The recommendation includes development of a permanent change management process that will provide an open and neutral facility for the submission and consideration of changes requested to the NANC FRS and/or NANC IIS requirements. The procedure should include the definition of standard change request documents, vehicles for the submission and distribution of requests, and timetables for the process of open consideration and prioritization of such requests.

- E. Location/Service Portability and Wireless LNP - A number of other concerns will require oversight. For example, inclusion of wireless in LNP and implementation of location and service portability are areas that will potentially require changes to the NPAC SMS design, and will therefore require NANC oversight. The LNPA Selection Working Group, with task force support, or similar teams as NANC deems appropriate, are required in the future to oversee these changes.
- F. LNP Dispute Resolution - The NANC Dispute Resolution Working Group developed a dispute resolution process called "Resolution of Numbering Disputes". The LNPA Selection Working Group recommends that a common NANPA and LNPA dispute resolution process be developed jointly by the two (2) Working Groups. The LNPA Selection Working Group further agrees to recommend modifications to each LLC's dispute resolution process to incorporate these new NANC dispute resolution procedures. LLC disputes and other LNP disputes as may be defined by the process could then be submitted through dispute resolution to NANC, as

appropriate.

- G. Expanded NANP Environments - To ensure effective development and implementation of expanded NANP (12-13 or more digits) environment, interaction between NANP and LNPA is necessary. It is recommended that the LNPA Selection Working Group work with the NANPA Working Group in support of future expanded NANP environments.

## Appendix A

# LNPA Selection Working Group and LNPA Task Forces Composition

North American Numbering Council  
LNPA Selection Working Group

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LNPA Selection Working Group

Company/Association	Name
Airtouch Communications	Kim Mahoney
Ameritech	Terry Appenzeller (Co-Chair)
APCC, Inc.	Greg Haledjian
AT&T	Ellwood Kerkeslager (Co-Chair)
Bell Atlantic	Renie Spriggs
Bell Atlantic	John Rudden
Bellcore	John Malyar
BellSouth	Bill Shaughnessy, Jr.
BellSouth Wireless	Ken Buchanan
California PUC	Natalie Billingsley
Cox	Carrington Phillip
Florida Public Service Commission	Stan Greer
Frontier	David Keech
GTE	Bob Angevine
Interstate Fibernet	Steven Brownsworth
Lucent Technologies	Doug Rollender
Maryland PSC	Geoffrey Waldau
MCI	Beth Kistner
MCI	Woody Traylor
Nextel	Rob Chimsky
Nortel	Mike Sutter
NYNEX	Frank Saletel
Ohio PUC	Scott Potter
PACE/COMPTEL	David Malfara
Pacific Bell	Joanne Balen
Perot Systems	Tim McCleary
SBC	Gary Fleming
Selectronics	Daniel Owen
Sprint	Hoke R. Knox
Sprint PCS/PCIA	Larry Grisham
Stentor	Rich Leroux
Telefonica de Puerto Rico	Roberto Correa
Teleport	Ed Gould
Time Warner/NCTA	Dan Engleman
US West	Cathy Handley
USTA	Dennis Byrne
WorldCom	Scot Lewis

## LNPA Architecture Task Force

<b>Company/Association</b>	<b>Name</b>
Airtouch	Paula Jordan
Ameritech	Roger Marshall
AT&T	Karen Weis
Bell Atlantic	Renie Spriggs (Co-Chair)
Bell Atlantic	John Rudden
Bellcore	John Malyar
BellSouth	Steve Sauer
BellSouth Wireless	Karl Koster
California PUC	Natalie Billingsley
Cox	Carrington Phillip
GTE	David Wang
Illinois Commerce	Brent Struthers
Interstate Fibernet	Steve Brownsworth
Lucent Technologies	Doug Rollender
MCI	Woody Traylor
Nortel	Pat Carstensen
NYNEX	Thomas McGarry, Kevin Cooke
Ohio PUC	Scott Potter
OPASTCO	Greg Rise
Pacific Bell	Sandra Cheung
Perot Systems	Tim McCleary
Sprint	Hoke R. Knox (Co-Chair)
SBC	Bob Schaefer
Time Warner/NCTA	Dan Engleman
US West Wireless	Debbie Steele

## LNPA Technical & Operational Requirements Task Force

<b>Company/Association</b>	<b>Name</b>
Ameritech	Donna Navickas
AT&T	Bonnie Baca (Co-Chair)
Bell Atlantic	Bob Allen
Bellcore	John Malyar
BellSouth	Ron Steen
BellSouth Wireless	Karl Koster
California PUC	Natalie Billingsley
Cox	Karen Furbish
EDS	Michael Haga
GTE	Bob Angevine
IBM	J. Paul Golick
Illuminet/ITN	Robert Wienski
Interstate Fibernet	Steve Brownsworth
Lockheed Martin	Larry Vagnoni
Lucent Technologies	Doug Rollender
MCI	Steve Addicks
NYNEX	Ed Birmingham
OPASTCO	John McHugh
Pacific Bell	Sandra Cheung
Pacific Bell Mobile Service	Linda Melvin
Perot Systems	Tim McCleary
Pocketcom/CTA	Nina Blake
SBC	Marilyn Murdock (Co-Chair)
Sprint	Dave Garner
Telecom Software Enterprises	Lisa Marie Maxson
Teleport	Phil Presworsky
Time Warner/NCTA	Karen Kay
US West	Cynthia Gagnon
WinStar	Steve Merrill
WorldCom	Bettie Shelby

Appendix B

LNPA Selection Working Group  
and  
LNPA Task Force Meetings

## LNPA Selection Working Group Meeting Schedule

<u>Meeting Date</u>	<u>Meeting Location</u>
November 8, 1996	Washington, DC
November 18, 1996	Washington, DC
December 3, 1996	Arlington, VA
December 18, 1996	Conference Call
January 7, 1997	Arlington, VA
February 4, 1997	Arlington, VA
February 25, 1997	Arlington, VA
March 21, 1997	Arlington, VA
April 7, 1997	Arlington, VA
April 18, 1997	Conference Call

## LNPA Architecture Task Force Meeting Schedule

<u>Meeting Date</u>	<u>Meeting Location</u>
November 18, 1996	Washington, DC
December 2, 1996	Washington, DC
January 7, 1997	Arlington, VA
February 3, 1997	Arlington, VA
February 24, 1997	Arlington, VA
March 10, 1997	Conference Call
March 27, 1997	Conference Call
March 31, 1997	Conference Call

## LNPA Technical & Operational Requirements Task Force Meeting Schedule

<u>Meeting Date</u>	<u>Meeting Location</u>
November 18, 1996	Washington, DC
December 2-3, 1996	Arlington, VA
December 16, 1996	Chicago, IL
December 30, 1996	Conference Call
January 7, 1997	Arlington, VA
January 14, 1997	Conference Call
January 20, 1997	Kansas City, MO
January 27-31, 1997	San Francisco, CA
February 24-25, 1997	Arlington, VA
March 5-7, 1997	Dallas, TX
March 14, 1997	Conference Call
March 18, 1997	Conference Call
March 20, 1997	Arlington, VA
March 24, 1997	Denver, CO
April 2, 1997	Conference Call
April 14, 1997	Chicago, IL
April 18, 1997	Conference Call

## Appendix C

# LNPA Vendor Selection Schedule

North American Numbering Council  
LNPA Selection Working Group

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## LNPA VENDOR SELECTION SCHEDULE\*

SMS EVALUATION PROCESS	Midwest Region	Mid-Atlantic Region	North-east Region	West Coast Region	Western Region	South-east Region	South-west Region
LLC Operating Agreement	10/96	6/28/96	9/5/96	11/14/96	Yes	10/14/96	3/13/97
LLC Formed	10/96	6/17/96	9/96	9/96	Yes	10/1/96	12/2/96
RFP Issued	2/6/96	7/8/96	9/13/96	9/20/96	10/2/96	10/24/96	12/23/96
Vendors Notified of Eligibility Status	2/12/96	8/7/96	10/4/96	10/9/96	10/23/96	N/A	N/A
Vendor Submits Q&A	2/22/96	8/15/96	10/4/96	10/18/96	10/16/96	11/4/96	N/A
Bidder's Conference	Q&A	9/17/96	10/11/96	10/18/96	10/29/96	11/20/96	1/6/97
RFP Responses Due	3/18/96	10/8/96	10/25/96	11/1/96	11/12/96	11/26/96	1/13/97
LLC Notifies Vendor of Selection	5/15/96	11/25/96	12/18/96	02/21/97	12/11/96	2/1/97	2/28/97
Contract Negotiated/Signed	12/96	2Q97	2Q97	4/3/97	2Q97	2Q97	2Q97
"Build Out" Period Completed	3/17/97	4/1/97	4/15/97	TBD	6/1/97	6/1/97	6/1/97
NPAC Ready - Testing	4/18/97	5/1/97	5/15/97	TBD	7/1/97	7/1/97	6/1/97
NPAC Ready - Live Testing	** 7/1/97	8/1/97	TBD	TBD	TBD	TBD	9/16/97
Deployment	10/1/97 - 3/31/98	9/1/97 - 3/31/98	10/1/97 - 3/31/98	10/1/97 - 3/31/98	10/1/97 - 3/31/98	10/1/97 - 3/31/98	10/1/97 - 3/31/98

\* Schedule as of 4/9/97

\*\* Illinois Field Trial 7/1/97 - 8/30/97

## Appendix D

# Architecture & Administrative Plan for Local Number Portability

## Appendix E

# LNPA Technical & Operational Requirements Task Force Report

Exhibit  
DJM-2

-----Original Message-----

From: James Castagna [<mailto:NOTES.JCASTAGN@A50VM1.trg.nynex.COM>]

Sent: Thursday, November 14, 1996 7:54 AM

To: [baca@attmail.com](mailto:baca@attmail.com); [weis@attmail.com](mailto:weis@attmail.com); [ekerkeslager@attmail.com](mailto:ekerkeslager@attmail.com); [renie.c.spriggs@bell-atl.com](mailto:renie.c.spriggs@bell-atl.com); [bill.shaughnessy1@bridge.bst.bls.com](mailto:bill.shaughnessy1@bridge.bst.bls.com); [buchanan.ken@bwi.bls.com](mailto:buchanan.ken@bwi.bls.com); [mqueenan@notes.cc.bellocre.com](mailto:mqueenan@notes.cc.bellocre.com); [ilifchus@notes.cc.bellcore.com](mailto:ilifchus@notes.cc.bellcore.com); [mspecht@nicom.com](mailto:mspecht@nicom.com); [nxb@primeu.cpuc.ca.gov](mailto:nxb@primeu.cpuc.ca.gov); [rhh@cpuc.ca.gov](mailto:rhh@cpuc.ca.gov); [mgordon@fcc.gov](mailto:mgordon@fcc.gov); [lzelzer@fcc.gov](mailto:lzelzer@fcc.gov); [mlittell@fcc.gov](mailto:mlittell@fcc.gov); [ssheffer@fcc.gov](mailto:ssheffer@fcc.gov); [nfried@fcc.gov](mailto:nfried@fcc.gov); [smcmaste@fcc.gov](mailto:smcmaste@fcc.gov); [wreimer@mobilnet.ge.com](mailto:wreimer@mobilnet.ge.com); [sbworth@itchold.com](mailto:sbworth@itchold.com); [rollender@lucent.com](mailto:rollender@lucent.com); [gwaldan@psc.state](mailto:gwaldan@psc.state); [dweitzel@mitretek.org](mailto:dweitzel@mitretek.org); [e.kistner@mcimail.com](mailto:e.kistner@mcimail.com); [lewis.scot@mfst.com](mailto:lewis.scot@mfst.com); [rhaga@neca.org](mailto:rhaga@neca.org); [joses@netsol.com](mailto:joses@netsol.com); [cas@nynexst.com](mailto:cas@nynexst.com); [notes.jcastagn@a50vm1.trg.nynex.COM](mailto:notes.jcastagn@a50vm1.trg.nynex.COM); [notes.fsaletel@a50vm1.trg.nynex.COM](mailto:notes.fsaletel@a50vm1.trg.nynex.COM); [scott.potter@ohio.gov](mailto:scott.potter@ohio.gov); [dmalfara@pacecom.net](mailto:dmalfara@pacecom.net); [sdswan@pacbell.com](mailto:sdswan@pacbell.com); [tim.mccleary@ps.net](mailto:tim.mccleary@ps.net); [fm1271@rapal.sbc.com](mailto:fm1271@rapal.sbc.com); [hoke.knox.eando@igate.sprint.com](mailto:hoke.knox.eando@igate.sprint.com); [lerouxro@stentor.com](mailto:lerouxro@stentor.com); [sue.weiske@twcable.com](mailto:sue.weiske@twcable.com); 7 entries truncated from copylist

Subject: NANC LNPA Working Group Notes from Cas Skrzypczak

Date: November 13, 1996

To: Members of the LNPA Selection Working Group  
and other attendees at the November 8, 1996 Meeting

Attached are the meeting notes and the distribution list for the first LNPA Selection Working Group meeting held at the Crowne Plaza Hotel in Washington, DC. They highlight the day's achievements. They also provide non-attending task force members and the industry with view of how important the work is and the urgency with which we must carry out the charge to accomplish the objectives.

Both Woody Kerkeslager of AT&T and Terry Appenzeller of Ameritech, upon your recommendation, have been endorsed today by the NANC Steering Group to be the co-chairs of the Working Group. The next meeting of the working group is scheduled for Monday, November 18, 1996, at 1:30 PM at the Capital Hilton (202-393-1000) in Washington, DC. Both LNPA Task Forces will meet from 9:00 AM till 12 noon that day, also at the same hotel. For further information please call Margo Lockard at 202-457-3149.

On behalf of the participants, I would like to take this opportunity to thank Paul Hart and Masuda Ranjber, both from the United States Telephone Association (USTA), for planning and organizing the hotel arrangements for the meeting. Their assistance and attention to detail was crucial to the success of the day's activities.

Finally, I would like to thank everyone for your cooperation and participation at the meeting. I look forward to your success in fulfilling the objectives set forth by the North American Numbering Council.

Cas Skrzypczak  
NANC Steering Group Liaison

Copy To: NANC Chairman Alan Hasselwander  
Marian Gordon, FCC Designated Official to the NANC

NANC

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## Notes on the LNPA Selection Working Group Organizational Meeting

Crowne Plaza Hotel, Washington, DC  
November 8, 1996

Chairperson:  
Casimir Skrzypczak, NANC Steering Group Liaison (NYNEX)

Guests in Attendance:  
Alan Hasselwander, Chairman of the NANC  
Marian Gordon, FCC Designated Official to the NANC

Notes Taker: James Castagna,  
LNPA Selection Working Group Co-organizer (NYNEX)

Meeting Logistics: Masuda Ranjber,  
United States Telephone Association (USTA)

NOTE: Handouts were distributed at the meeting to the working group participants and their content is not included in these meeting notes. Please contact your attending representative for a copy of the handouts or the working group co-chairs for additional information regarding these meeting minutes.

The meeting was called to order by Casimir Skrzypczak, the NANC Steering Group liaison, at 8:34 AM.

Cas welcomed everyone to the first meeting of the LNPA Selection Working Group, introduced himself and highlighted his objective of getting the working group off to a good start. Cas reviewed the day's goals: understand our charge, develop a work plan, and develop a sense of the group preference regarding the working group's leadership.

The agenda (handout distributed) was reviewed during which time Cas pointed out that the FCC's Marian Gordon, Designated Federal Official of the NANC and Alan Hasselwander, the Chairman of the North American Numbering Council, were in attendance to share their perspective with the group. At this time Cas initiated the introduction of all attendees by asking Marian and Alan to introduce themselves followed by all others in attendance.

After the introductions, Alan Hasselwander accepted Cas's invitation to say a few words. Alan expressed his appreciation and emphasized how important the work is - that there is a tight time frame - and that he is very optimistic that the goals can be accomplished on time. He continued to say that the work is important to the industry and customers alike and he thanked everyone for their participation.

Marian Gordon provided an overview and informative perspective of the NANC and its charge. Marian also reviewed the Federal Advisory Committee Act (FACA) and stated that the commission could accept advice only from the NANC and no other group. Marion introduced Susan McMaster who provided an overview (handouts distributed) of the LNP Order - including the "performance criteria." She stated that

anything beyond service provider portability is being left to the industry - that it was not part of the order. She clarified that although telecommunication carriers should not be required to rely on another entity's network facilities, this did not preclude the use of LEC networks for accessing subscribers. Susan also highlighted several points including what LNP determinations were left to the NANC as well as the determinations that the FCC had made concerning LNP database issues. She continued to cover some call processing scenarios and concluded by highlighting some of the FCC's continuing responsibilities which include overseeing, managing and enforcing LNP implementation.

Cas described the organizational structure of the NANC Working Group and Task Forces and continued by covering some of the organizational results of the 11/7/96 NANPA Working Group meeting. Cas displayed the associated view graphs prepared as a result of that meeting and encouraged comments during the brief review of each of the line items.

Highlights of those comments follow:

Discussion Regarding "Co-chairs and Secretariat Functions":

The definition of consensus was reviewed by Peter Guggina (NANC Steering Group liaison to the NANPA Working Group).

Peter provided a description of the ATIS interpretation of consensus in addition to an overview of the discussion at the 11/7/96 NANPA Working Group meeting.

(point noted: if an industry segment disagrees, it is safe to say there is no consensus)

The group concluded that it was acceptable to have the format of this Working Group's meeting minutes similar to that described at the 11/7 meeting. (Agreements Reached, Action Items, and (upon request) Points Noted)

Discussion Regarding Communications:

Scott Shefferman of the FCC announced the internet address for the FCC's Web site and indicated that dates, member lists and various other information will be available for viewing and downloading. Marian Gordon indicated that the FCC is investigating the creation of a reflector and mentioned that Linda Simms ([lsimms@fcc.gov](mailto:lsimms@fcc.gov)) should be contacted for corrections to data shown at the FCC's home page located at:

["http://www.fcc.gov/Bureaus/Common\\_Carrier/WWW/Nanc/"](http://www.fcc.gov/Bureaus/Common_Carrier/WWW/Nanc/)

A process to escalate non-consensus situations will be considered by the NANC Steering Group on November 13, 1996.

Cas offered his services to resolve non-consensus situations.

Bidder participation during the development and review of RFPs was discussed. Cas explained one perspective that the group may choose is that bidders should not have a voice in the determination of RFP requirements. Alan Hasselwander stated that the Steering Group has determined that bidders should not be allowed to participate in the development of RFPs.

Discussion Regarding Consensus & Entity Participation:

One voice/input per entity was discussed and will be considered further at the Steering Group Meeting. Alan Hasselwander related the Steering Group's discussions regarding the number of participants from any one entity and stated that a strict rule is not yet being enforced since participation and contributions from a broad industry perspective are valuable.

Cas stated that he interpreted the group's preference to be that diverse opinions could be voiced by the various lines of business of an entity but that when it comes to consensus only one representative may participate. Cas stated that he would bring this recommendation to the steering group. There was consensus on this point.

#### Meeting Logistics:

Conference calls will be scheduled giving consideration to participants from the west coast who may find it difficult to participate if the calls are scheduled in the AM as opposed to the PM. Also it was stated by Marian Gordon that meetings, if held in Washington, will have the benefit of the FCC's participation. Consensus was that meetings will be held in Washington, DC.

#### Other Organizational Issues Discussed:

It was agreed that Working Groups would have to arrive at a consensus regarding the recommendations of their Task Forces.

Cas reviewed the responsibilities of the Working Group and Task Forces. Subsequently, it was suggested that the group consider building upon the progress of the various commissions including Maryland and Illinois. It was stated that interface standards have already been created, that a lot of work has already been done, and the regional groups are prepared to continue their progress. It was stated there are approximately seven efforts already underway and that a review of those efforts should be conducted. (New York, Maryland, Colorado, Nevada, Arizona, Hawaii, Texas, Illinois w/Canada, Georgia and, California) It was stated that by the end of December six or seven of the above mentioned regions will have selected a vendor.

A proposal was put out on the floor:

This Group will recommend to the NANC Steering Group that this Working Group could review and endorse the LNPA approaches selected by each of the regions.

A discussion ensued regarding single or multiple LNPA(s) and the possibility of the NANPA being the same entity as the LNPA. Also discussed was the expansion of the state LLC to a regional LLC in Illinois. There was support by Terry Appenzeller of Ameritech and the Maryland PUC for having the NANC endorse the LNPA(s) selected in those respective efforts. Woody Kerkeslager of AT&T supported this view by stating that the charge is to recommend to the NANC through a public forum what is appropriate and acceptable in terms of the architectural, technical and administrative perspective, and that it would not be in anyone's best interest if we stopped the progress of efforts already underway.

Cas highlighted the following points that he felt were the consensus of the group:

1. There is a need to create a repository of information on current efforts.

2. For each of these, an examination of the technical & operational aspects of the interface standards to see if/how they are different needs to be done.
3. For those things that are different, there is a need to determine if there is a need to make them common.
4. That a set of criteria be established that each of the seven (or more) independent regional LLC's must meet in order to be endorsed or certified by the NANC.
5. Need to ensure all geographies are covered.

Terry Appenzeller of Ameritech offered to link the Illinois electronic database to the FCC web page.

Review of each of the items above ensued and it was agreed that:

Item one above will be handled by the Working Group and should be completed by the end of the next meeting of the Working Group. It was asked that anyone who has related info on the web make it known to the co-chairs.

It was suggested that the Working Group create a sub-group and, for example, assign to it the responsibility to determine which regional items are critical and should be identical so that agreements may begin to be developed & presented to the Working Groups for consensus. Cas asked Beth Kistner to organize with the co-chairs a meeting to address this issue with possibly one representative of each of the seven regional groups and that they make a report at next meeting of the Working Group.

Item two was assigned to the Technical & Operational Requirements Task Force and the goal is to complete this item and report out to the Working Group at the Working Group's second meeting that is convened after today.  
(proposed completion date: late Dec.)

Item Three above will be addressed by the Technical and Operational Requirements Task Force. This Task Force will develop a recommendation and present it to the Working Group so that the Working Group may determine what needs to be common. (proposed completion date: Jan 1)

Item Four was recapped by saying that certification criteria for service provider portability needs to be established. It was noted that this criteria should not preclude location portability. (proposed completion date: Feb. 1)

Item Five was recapped by stating that we need to develop the overall regional map and establish boundaries (proposed date: April 15). This task was assigned to the Architectural Task Force and they were asked to provide a report on their recommendations to the Working Group.  
(proposed completion date: April 1)

It was stated that it was premature to state that an RFP will not be issued, and at least a document that is RFP-like should be created.

Cas stated that it was his perspective that this group would be recommending the quantity/number of regional databases required. Cas then initiated a review of Susan McMaster's "Determinations Left to the NANC" chart and discussed the following line items that we had yet to cover today:

- a - The specific duties of the LNPA(s)
- b - Guidelines and standards by which the NANPA and the LNPA(s) share numbering information.

The issue of opening of codes and establishment of LRNs was voiced. Susan McMaster reviewed item b above and stated that this item refers to the coordination/administration of numbering resources. Cas suggested that the LNPA Selection Working Group co-chairs link up with the NANPA Working Group to examine LNPA and NANPA interaction.

(target date: post May 1)

In discussing the NANPA it was also stated and generally agreed upon that the BELLCORE TRA was not included in the "transition" of the NANPA.

Cas recapped by stating that he thought the working group had now covered all of the requirements. Susan McMaster concurred.

The working group's recommendation and their consensus for co-chairs of the LNPA Selection Working Group was determined to be:

Woody Kerkeslager, AT&T, 908-221-3805  
Terry Appenzeller, Ameritech, 847-248-4450

Cas suggested that it may be desirable to select the co-chairs of the task forces today. It was clarified by Alan Hasselwander that the Steering Group does not intend to review the task force co-chair selection. A review of the co-chair nominees followed. The working group agreed with a suggestion that the task forces, under the direction of the working group co-chairs, select their own task force co-chairs.

The nominations to each of the task forces, as of today, are as follows:

#### LNP Architectural Planning Task Force

1. Renie Spriggs of Bell Atlantic

#### LNP Technical and Operational Requirements Task Force

1. Bonnie Baca of AT&T
2. Phil Presworsky of TCG

#### Future Meetings

At this point the two new co-chairs took the floor and a discussion involving future meetings followed. Woody Kerkeslager volunteered to provide someone to take the meeting notes at the next meeting. Meeting scheduling was discussed and it was determined that the first meeting after today will be held in November and arranged by Woody and that the December meeting will be arranged by Terry.

The following planned meeting dates were announced:

November 18, 1996 (Washington, DC location to be announced) (Tentative Agenda: AM for the task forces,  
1 PM for the working group)

December 3, 1996 (Washington, DC locations to be announced)

The LNPA Selection Working Group meeting ended at approximately 1 PM.

If you have any comments on these meeting notes or questions about ongoing LNPA Selection Working Group and Task Force activities, please convey them to Woody Kerkeslager and Terry Appenzeller.

Attachment: Nominated members & others in attendance at the November 8, 1996 Meeting

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